

# Cornell CHRONICLE

Volume 19 Number 5 September 24, 1987



2  
Dangers  
of farming

3  
The venerable  
optical microscope



7  
Great Soloist  
and  
Orchestra  
Series



Charles Harrington

Members of UAW Local 2300 wave to cars along Campus Road last Friday morning to give out leaflets describing their position in wage negotiations with the university.

## 3-day strikers serve leaflets at reception

Service and maintenance workers protesting their wages mingled with parents of Cornell students at a president's reception Saturday morning and heard President Frank H.T. Rhodes say he hopes the wage dispute can be settled.

Security officers at Willard Straight Hall permitted members of United Auto Workers Local 2300 — some of whom were in the midst of a three-day strike against the university — to enter the Memorial Room when visiting parents gathered for Rhodes' annual Parents' Weekend reception.

Wearing union jackets and caps, the workers carried placards into the reception protesting what they call poverty wages, handed out leaflets and passed collection boxes to parents in the packed room.

Shortly before Rhodes stepped to the podium, union workers unfurled a long banner which stretched along both sides of the room and up the stairs to the balcony. Printed on the banner were the names of about 200 Cornell workers whom the union claim earn less than the federal poverty level of \$11,200.

The university contends that only about 24 employees who may have a family of four receive wages below \$11,200, the government's poverty figure for a family of four.

### Rhodes welcomes UAW members

Rhodes opened his remarks to the parents by saying, "One or two of you may have noticed that we have been joined this morning by some members of our UAW local. They are welcomed."

Rhodes told the parents about the wage dispute and said he hopes a reasonable solution can be achieved.

"They say we are not paying them enough, and they are probably right, but we think we are paying them as much as we can afford," Rhodes told the parents. "Please do not regard them as intruders here this morning. They are loyal, hard-working people and many of them have been here for years."

"We are going to try to do our best to reach a reasonable solution. If they come up to you with leaflets, take them and listen to them."

Rhodes himself accepted a handful of leaflets from a picket when he walked into Willard Straight Hall. Union members formed a double line starting on the steps outside the building and through the lobby to the Memorial Room so that arriving parents passed through a corridor of union members. Other workers circulated inside the crowded reception room, sharing with parents cider and doughnuts from refreshment tables.

### Bargaining begins again

Meanwhile, university and union negotiators met for three hours on Monday in their first bargaining session since Aug. 17, with Federal Mediator Don Lamb participating.

"We gave them a proposal which juggled the figures around, offering a little more to some workers and a little less to others," said Peter Tufford, chief negotiator for the university.

Continued on page 8

## Johnson School to broaden its curriculum

The Johnson Graduate School of Management is launching a new academic program that will add science, engineering and agriculture to the more traditional business courses.

"Leaders must have the flexibility to manage across boundaries, breaking away from narrow specialization, for leaders always have been generalists, able to focus upon the larger drama surrounding them," said the school's dean, Curtis W. Tarr.

Tarr said that business in the 21st century "holds challenges most of us have not imagined." He was vice president for management development at Deere & Co. from 1981 to 1984, a former director of the Selective Service, former undersecretary of state and former assistant secretary of the

Air Force.

### Smaller classes, broader approach

The Johnson School will redesign its M.B.A. program to train students in a wide variety of disciplines. In September, the school launched a \$46.5 million capital fund campaign to carry out the new program, finance student aid, endow professorial chairs, expand research and broaden the curriculum.

At the same time, the Johnson School plans to decrease its enrollment by about 10 percent, believing that "small classes permit competition in educationally productive ways."

More than 500 students enrolled in the school this year and last, but the number of

applications received has increased 25 percent in the past three years, Tarr said.

### Drawing upon other disciplines

The expanded programs in the university's relatively young business school will draw heavily on Cornell's long-time — strengths in teaching engineering as well as science, agriculture and arts and sciences, Tarr said.

"Cornell offers scholarly resources that are unmatched anywhere in the world — in industrial and labor relations, engineering and science, agriculture and nutrition, social sciences, law, hotel management, economics and foreign studies," a Johnson School study said. "Each of these disciplines has

Continued on page 7

## Grad School names assistant dean to succeed Hart in aiding minorities

Alaska, California, Texas, Alabama and New York City are some of the stops Eleanor Cox will make this fall in her drive to lift Cornell's graduate school enrollment of "targeted" minority-group students above the present level of 3.9 percent.

Cox, who has 17 years of experience in graduate-level and minority-group programs at Spelman College and the University of Pennsylvania, has just assumed the post of assistant dean for minority affairs in the graduate school.

Dean Alison Casarett, while not setting precise numerical goals, said, "We'd like to increase our numbers as much as we can, and Eleanor's experience should prove invaluable."

Last year's figures, the latest available, show 4,130 degree candidates in the graduate school. Targeted minority groups accounted for 59 of the 1,140 master's-

degree candidates and 99 of the 2,990 doctoral candidates. (Asians and others whose numbers alone make them minorities are not "targeted" groups, Casarett says, because they don't generally need special assistance. When Asians are included in the calculation, minority-group representation in the graduate school is about 7 rather than 3.9 percent.)

Recruitment trips, aimed mainly at college sophomores and juniors, are only part of Cox's job; the other part is ministering to those black, Hispanic and American Indian graduate students already on campus.

"Retention is a big problem, too," Cox says, adding: "Of those minority students who begin their study, many don't complete their degree program. I plan very soon to float the idea of a buddy or student-mentor

Continued on page 2



Eleanor Cox

## Notable

Isaac Kramnick has been elected first vice president of the American Society for Eighteenth Century Studies and will become its president in 1989. Kramnick is the Richard J. Schwartz Professor of Government and associate dean of the College of Arts and Sciences. He is a specialist in the history of political ideas in the eighteenth century Anglo-American world.

William F. Whyte, professor emeritus in the School of Industrial and Labor Relations, has been appointed by Secretary of Labor William E. Brock to the honorary committee for next year's 75th anniversary of the Department of Labor.

Brock announced the appointment in a letter dated Sept. 1 and sent to Whyte, who serves as research director of the school's Programs for Employment and Workplace Systems.

Co-chairmen of the honorary committee are the presidents of the AFL-CIO, the U.S. Chamber of Commerce and all former secretaries of labor. President William Howard Taft signed into law an act establishing the Department of Labor on March 4, 1913.

Whyte, a member of the Cornell faculty since 1948, taught organizational behavior and since 1942 has been involved in industrial relations research in the United States, Latin American and Spain.

## Graduate Bulletin

**Course changes:** Oct. 23 is the last day for changing grade options, credit hours, and dropping courses.

**Fellowships and financial aid:** Fellowship applications are available in the Fellowship Office, 116 Sage Graduate Center, telephone 255-5819. Campus deadline for completed Fulbright applications is Sept. 25.

**Thesis seminars:** Possible pitfalls of preparing and filing theses and dissertations will be discussed at the following fall seminars in 100 Caldwell Hall: doctoral dissertation seminar, Oct. 1, 1:30 p.m.; master's thesis seminar, Oct. 2, 1:30 p.m.

## Correction

The article on construction in last week's Chronicle incorrectly identified the State University Construction Fund.

## Cornell CHRONICLE

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

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

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

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

## Faculty hears description of club at first meeting of academic year

Faculty members heard descriptions of the new faculty club and Statler Hotel & Conference Center at their first meeting of the current academic year last week. They also got an update on campus construction projects and learned that Cornell's new mid-Manhattan building should be ready some time in 1989.

The new faculty club will be larger than its predecessor, with modern furnishings and extensive use of natural light. The old club's subterranean rathskeller will be replaced by a ground-level, cafeteria-style dining room looking out onto a brick-paved terrace and brightened by floor-to-ceiling windows that will face East Avenue. The dining room, along with two lounges and a small library, will be self-contained and, unlike the old club, will be accessible without going through the hotel lobby.

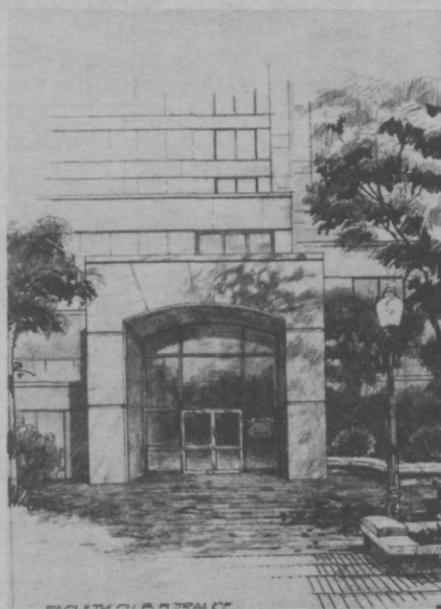
Richard Penner, a professor of hotel administration, said that the new club and the hotel that will house it — part of a \$35 million construction and renovation project — should be open for business next fall, about on schedule. Penner is architectural coordinator for the School of Hotel Administration.

Penner said that, besides more space, the club would have higher-quality appointments, complete air conditioning and prices no higher than those at the former club.

As for the new Statler Hotel & Conference Center, Penner said guest rooms would be 50 percent larger than the old ones and would be tripled in number, to 150. He said the hotel's new main dining room — with buffet lunches and first-class dinners presented by the students — would have 200 seats, 30 more than in the old inn.

The meeting, which was combined with a brief meeting of the Faculty Council of Representatives, also got a campus-construction update from Provost Robert Barker and a pledge from Malden C. Nesheim, first incumbent of the new vice presidency for budgeting and planning. Nesheim promised "to effectively use consultative bodies" in reviewing ongoing campus development and to make maps and long-range plans more easily available for sharing with such bodies on and off campus.

James D. Hazzard, director of alumni affairs, said the 10-story masonry-and-steel building in New York City that was bought last November for \$13.4 million would be topped by four more floors so there would



A sketch of the entrance to the new Faculty Club in Statler Hall & Conference Center, expected to be completed by next fall.

be "more room for out-of-town Cornellians and more room to generate income."

Noting that there would be a total debt service of \$20 million, he stressed that all planning was aimed at a financially-self-sustaining operation of the building, which is at 6 E. 44th Street, just off Fifth Avenue.

In addition to 49 guest rooms, dining rooms, lounges and a modest exercise area with men's and women's locker rooms, there will be meeting rooms to serve the general membership as well as Cornell's faculty and administration.

Hazzard estimated the new club would enroll about 2,000 resident members and 500 nonresidents the first year and 7,000 residents and 1,500 non-residents by 1995. There will be four membership prices — in descending order — for city residents, suburbanites, nonresidents and faculty/staff.

Although current plans would make guest rooms available to faculty only if they become members of the New York City club, Hazzard told a questioner that that decision would be reviewed, especially for faculty who might be in the city on university business.

— Sam Segal

## Study cites dangers of farming

Agriculture ranks neck and neck with mining as the most dangerous industry in terms of the fatality rate resulting from accidents, according to a Cornell safety specialist who urges the nation's farmers to renew their resolve to prevent tragic accidents on the farm.

Nationwide, farm accidents in 1985 killed some 1,600 farm workers and caused more than 170,000 disabling injuries, said John G. Pollock, a Cornell Cooperative Extension safety engineer in the College of Agriculture and Life Sciences. The nation observes National Farm Safety Week Sept. 20-26.

In New York State, farm accidents killed 45 persons in 1985 and 23 in 1986. Thus far this year, 16 people have died in farm accidents in the state, and the number of fatalities for all of 1987 is projected to be 25 to 30, Pollock noted.

"There is no one in New York State who keeps the tabs on farm accidents, but my best estimate is that as many as 10,000 severe accidents occur annually in the state," he said.

## Barton Blotter: College Avenue Bridge work site damaged

Vandals did \$4,000 worth of damage at the construction site of the new College Avenue Bridge over the weekend, according to the morning reports of the Department Public Safety for Sept. 14 through 21.

A portable toilet, two barricades and several cut stones were thrown into the gorge. Newly poured concrete sidewalks and curbing were also damaged extensively, according to the report.

Margaret Ann Nelson, 24, of 1 Chauncey St., Cambridge, Mass., was arrested Sept. 19 and charged with pouring heavy gland mink oil through an open window in Balch Hall about 5:30 p.m., causing an offensive

The national on-the-job death rate per 100,000 workers for agriculture was 49 in 1985, and the National Safety Council is projecting that the figure will climb to 52 when 1986 results are tabulated, Pollock said.

The figure for the mining industry in 1985 was 50, which is expected to "stay there" when 1986 data are tabulated, Pollock said.

"For years, agriculture and mining have been ahead of other industries in terms of fatalities," he said. "It looks like agriculture this year may establish a dubious reputation as the nation's most dangerous industry."

The construction industry ranked third at 37 deaths in 1985, followed by transportation at 29, and the manufacturing and service sectors at 6 each.

Looking at the situation from another angle, the Cornell safety specialist said that agriculture's fatality figure is about five times higher than the national average for all industries, which stands at 10.

— Yong H. Kim

## Briefs

■ **Olin Library seminar on federal publications:** A two-hour session on the organization use and location of U.S. Government Publications will be conducted at 9 a.m. on Sept. 30 in Olin Library. To register and to obtain more information, stop at the Olin Reference Desk or call 255-4144. The seminar will be repeated in October.

■ **Spring internships in State Senate and Assembly open to students:** Details of student internships in the New York State Senate and Assembly available for the spring 1988 academic term will be explained at a public meeting scheduled for 4 p.m. on Sept. 28 in 132 Rockefeller Hall.

Undergraduate and graduate students interested in becoming interns or taking part in a number of other educational opportunities available for credit to Cornell students in the state capital should attend the meeting sponsored by Cornell in Albany titled "Explore the Possibilities."

Speakers will include Jeffrey Stonecash, professor-in-residence, New York State Assembly; Russell Williams, director of student programs, New York State Senate; and students who have participated in the intern programs. Other programs are available through the Center for Women In Government, the Nelson A. Rockefeller Institute of Government, the Business Council of New York State and the Empire State College.

■ **Oct. 16 is deadline for adult art insights program:** A three-part art insights workshop featuring the Alexander Technique of creating greater body awareness will be conducted on Oct. 31, Nov. 7 and Nov. 14 at the Johnson Museum of Art. Sessions will run from 10 to 11:30 a.m., will be conducted by Sheila Yoshpe and will cost \$15. The deadline for registering is Oct. 6. For more information and to register, call 255-6464.

■ **Donations for the My family:** Donations for the family of Sok My, 29, a temporary custodian in the North Campus area who drowned on Sept. 10 while fishing in Cayuga Lake, may be sent to the Refugee Assistance Program at 210 GIAC, 318 N. Albany St., Ithaca.

My came to this country from Cambodia with his family in 1985. Survivors include his wife, Khann Lach, and three children, Sophal, Soparry and Sophal.

■ **Red Cross Bloodmobile at Morrison Hall Sept. 28:** Walk-in donors are encouraged to visit the Red Cross Bloodmobile, which is scheduled in Morrison Hall between 10 a.m. and 3:45 p.m. on Sept. 28. For appointments, call 273-1900.

Cox *Continued from page 1*

program, pairing each new student with a second- or third-year student, preferably in his or her field. This will help the new students learn the ropes."

With a buddy system or not, Casarett says, Cox acts as an overall advisor on financial, social and academic matters. Every prospective Cornell graduate student from a targeted group will be put in touch with her as soon as a departmental application is made.

On the recruitment side, Cox hopes for greater numbers through use of Graduate School alumni. She will try to institutionalize such recruitment by working through Cornell's nine regional alumni offices around the country.

Cox said she planned no radical departures from the work of her predecessor, Joycelyn R. Hart, who was named in July to the new position of associate vice president for human relations, Cornell's chief affirmative-action and equal-opportunity officer. Cox said she would "just change the marketing plan some so that we can increase our numbers — adding to her work, not altering it."

Before Spelman, Cox spent 13 years at the University of Pennsylvania, most recently as assistant to the vice provost for graduate studies and as assistant dean and special assistant to the provost in charge of minority-group graduate recruitment.

She holds bachelor's and master's degrees, in sociology, from Penn and is a doctoral candidate there in educational administration.

— Sam Segal

# Cornell scientists take a new look at optical microscopes

Anton van Leeuwenhoek, 18th century inventor of the microscope, would never recognize his instrument as it has been transformed by 20th century scientists and engineers.

Today, high technology has turned the venerable optical microscope into a sophisticated machine, boasting lasers, electronic detectors, digitizers and computer graphics, for eavesdropping on the workings of the living cell.

Scientists at Cornell are among the pioneers in building and using the new microscopes, along with glowing fluorescent marker chemicals that target specific cell molecules, to detect and track cell structures as small as 25 billionths of a meter.

## Watching cell receptors

They can watch the ebb and flow along the living cell's surface of such key cell components as receptors. These structures are the "sockets" on the cell's surface into which molecules such as hormones and allergens are plugged. Hormone molecules trigger cell responses such as nerve signals and growth when they plug into cell receptors, and allergens trigger allergic reactions.

Even though electron microscopes have far outstripped optical microscopes in magnification, the optical instrument has remained vital to biological research because it alone can reveal the functioning of living cells. Subjects of electron microscopy first must be sliced or coated with gold.

Thus, the advanced optical microscopes

developed at Cornell are revealing the fundamental biology of the allergic response, cholesterol metabolism, the behavior of malignant cells, hormone action, wound healing and nerve regeneration.

## Advances in optical microscopy

To speed development of the new machines and methods developed by Professor of Applied Engineering Physics Watt Webb, and his colleagues, the National Science Foundation has just designated Cornell as a Biological Facilities Center, providing a two-year, \$600,000 grant.

Cornell is one of five universities whose NSF-sponsored facilities centers will develop advanced optical microscopy techniques. Others are the University of California at Berkeley, Irvine and Los Angeles; Carnegie-Mellon University; and the University of Massachusetts at Amherst.

A total of 21 centers were named this month as biological facilities centers, with others concentrating on biochemical and chemical instrumentation and computational equipment.

## Creating 'micromovies'

As part of their effort, Cornell researchers will develop computer and imaging systems that will enable them to create "micromovies" of cells as they undergo biological processes.

For instance, the scientists will speed up a technique known as "laser scanning confocal microscopy," in which a highly

focused laser beam scans rapidly over a living cell, illuminating only a small spot at a given instant.

The laser is tracked precisely by a light detection system focusing on that spot, and the resulting "microtelevision" picture is an extremely clear image of a single thin slice through the object. With current equipment and computers, a single scan takes a second, too slow to capture many cell processes. The scientists hope to speed the process up to normal video rates of 30 frames per second.

So huge is the mass of data emerging from such microscopic studies of the tiny cells that the researchers have resorted to Cornell's supercomputer to analyze the complex movement of the receptors on a crowded cell surface.

The Cornell researchers have teamed up with experts on dyes from Eastman Kodak to further develop a variety of advanced fluorescent markers that can tag receptors far more precisely and brightly than ever before. They hope to be able to see the very small number of receptors involved in such processes as a cell's response to disease, drugs and antibodies.

## Observing cell processes

The scientists have already used current versions of these microscopes and markers to watch several important cell processes.

For instance, by fluorescently labelling a particle called low-density lipoprotein (LDL), Webb and his colleagues have

gained insight into the body's mechanism for breaking down cholesterol. Some people suffer an inability to eliminate cholesterol, which leads to deposits on their arteries and early death from heart attacks.

LDL is the carrier molecule for cholesterol, normally binding to a special receptor on the cell surface and transferring its cholesterol cargo inside the cell to be broken down.

Using their microscope and the tiny glowing, fluorescently labelled LDL particles attached to their special receptors, the Cornell scientists can begin to understand the defect in the receptor's mobility that thwarts normal attachment of LDL to the cell, stopping cholesterol transport into the cell.

## Cell responses to allergens

In another study, Cornell researchers used a dye that labels calcium in the cell to discover how quickly living cells respond to allergens. A rise in calcium in the cells is a sign that they are reacting to the allergen. Using older techniques of studying masses of cells in test tubes, researchers had believed that the allergic reaction of cells proceeded over many minutes.

But using the new microscopic techniques, the Cornell scientists found an almost explosive response of individual cells to allergens, meaning that a whole new understanding of the mechanism of response may now open up.

— Dennis Meredith

# Olin Fellow who came late to sociology helps shape new field

Some students have the self-discipline and special talents required to switch fields of study successfully. James Ranger-Moore is one of these.

A scientist by training, he felt there must be a way to apply scientific techniques to the study of social inequality. In particular, as he put it, he wanted to identify and study "the forces that govern resource allocation in today's culture and how different levels of material well-being produce tension and change."

If that sounds like a sociologist speaking, it is. Ranger-Moore found what he was looking for in a new branch of sociology called organizational ecology, which scientifically analyzes the forces that produce change in organizations. He also met one of the discipline's founders, Michael Hannan, a professor of sociology here. Today, under Hannan's guidance, he is helping to shape the new field.

## Olin Fellowship winner

Although he had no previous training in sociology, Ranger-Moore applied to the Graduate School last fall for admission as a doctoral candidate in that field of study. He was accepted, and this past spring he won graduate fellowships from the National Science Foundation and the Spencer T. and Ann W. Olin Foundation.

Both fellowships are given only to students of exceptional ability in the expectation that they will pursue academic careers in their field. In Ranger-Moore's case, they pay tuition and provide him with an annual stipend of \$10,000 for four years.

What qualities make Ranger-Moore an exceptional student? "His innate intelligence, a high degree of self-discipline and his curiosity," answered Steven Caldwell, chairman of the Sociology Department.

"Modern sociology requires strong scientific training, which Jim certainly has," Caldwell said, adding that Ranger-Moore achieved perfect scores of 800 in both the verbal and quantitative categories of the Graduate Record Examination that students must take before being admitted to graduate study.

## 'Ideally suited' for teaching

Caldwell said that, when Ranger-Moore was among his students last term, "Jim not only completed the weekly laboratory projects on time, but he made up additional questions each week and turned them in with the answers."

Based on Ranger-Moore's performance in class presentations, Caldwell said he had no qualms in recommending him for the fellowships as a prospective teacher. "His verbal skills, presence of mind and ability to articulate his ideas make him ideally suited for teaching at the university level," he said.

As an undergraduate, Ranger-Moore was dedicated to a career of research in the physical sciences. He was admitted to Phi



Claude Levett

**MAN AT WORK:** Jim Ranger-Moore, doctoral candidate in sociology and recipient of an Olin Foundation fellowship, says he 'works' at the piano, rather than just playing it. The discipline of solving musical problems, which he learned as a youngster, was the most important lesson of his life, he says.

Beta Kappa in his junior year at Manhattan College, graduated summa cum laude with a degree in biochemistry in 1982 and was accepted by Harvard Medical School. During his first year of medical studies, however, he became increasingly aware that, compared with his own broad range of interests, fundamental scientific research offered a relatively narrow view of the world.

So great was his disillusionment that in 1983 he made the decision to leave medical school, and came to Ithaca with his wife, Patricia, thinking of getting a Ph.D. in biochemistry. He found work as a technician for Cornell instead, first in plant sciences, then in entomology.

"I was drifting and looking for something that would spark me," he said. The something turned out to be a brief stint of work in Africa for the Department of Entomology.

## Global distribution of resources

There, Ranger-Moore was "overwhelmed by the realization of the sheer numbers of people there are in the world and how

limited is our ability to distribute resources equitably." Long talks with his wife, who had majored in sociology at Manhattan College, started him thinking that sociology, which originally was a "fringe area science" in Ranger-Moore's mind, might address the human issues that concern him.

The feeling grew as he audited a sociology course at Ithaca College given by Professor Julian Euell, and it became a conviction when he met Hannan and learned about organizational ecology.

Ranger-Moore's master's degree project, guided by Hannan, is to create a computer simulation of forces at work in the restaurant and microchip industries that cause individual firms to be created, compete and endure or die. He hopes someday to apply the same techniques to the global distribution of social and economic resources.

The fellowship stipends enable Ranger-Moore to work on his research project and carry a normal teaching and course load instead of having to take "endless teaching assistantship jobs" in order to pay the rent. As a late starter in sociology, he is spending

many hours catching up by reading independently and taking courses in addition to working on his degree project.

## Piano lessons teach discipline

Ranger-Moore's ability to discipline himself in his studies can be traced to a single childhood experience: piano lessons. "Like all children, I was undisciplined and was getting away with all sorts of shortcuts," he said. His parents arranged the lessons with an Austrian refugee who came to Ranger-Moore's hometown, Detroit, in World War II and needed financial help.

"What they did out of kindness to a middle-aged woman was the greatest thing that happened in my life" Ranger-Moore said. "She taught me not only the value of self-discipline but also a lot about how to conduct myself in life. I needed what she gave me."

Today he plays a piano in his apartment for fun, but emphasized he is not a performer. "It's the discipline of learning pieces, of learning about music, that interests me," he said.

— Joe Leeming

# CALENDAR

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

Notices must be received 10 days prior to publication and must include the name and telephone number of a person who can be called if there are questions.

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

## DANCE

### Folkdancers

Events are open to the Cornell community and the general public and beginners are welcome. Admission is free, unless stated otherwise.

Instruction and requests, Sept. 26, 7:30-10:30 p.m., North Room Willard Straight Hall.

## EXHIBITS

### Johnson Art Museum

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

**8 New York Artists:** An exhibition organized by the Kenkeleba House, Inc., New York City continues through Oct. 25, featuring the work of eight mature artists living and working on New York City's Lower East Side. The eight artists are: Al Copley, James Bohary, Herman Cherry, Dorothy Dehner, Reuben Kadish, Elaine de Kooning, Richards Ruben and Edvins Strautmanis. Approximately 60 paintings, drawings, prints and sculptures, spanning a 40-year period of their careers are presented.

**Art Department Faculty Exhibition:** Recent works of art by current and emeriti professors comprise this annual exhibition, which continues through Oct. 18. Works in various media, including watercolor, photography, sculpture and oil, are on view.

The following artists' work is exhibited in the show: Roberto G. Bertoia, Zevi Blum, Stanley J. Bowman, Victor E. Colby, James W. Cole, Norman D. Daly, Richard M. Estell, Kenneth Evett, John A. Hartell, Victor G. Kord, Jean N. Locey, James Owen Mahoney, Elisabeth H. Meyer, Eleanore A. Mikus, Gregory Page, Barry A. Perlus, Stephen F. Poleskie, Arnold Singer, Jack L. Squier and W. Stanley Taft. A fully illustrated catalog accompanies the exhibition.

**Two Icelandic Artists:** An exhibition featuring two leading Icelandic women artists, Nina Tryggvadottir and Louisa Matthiasdottir, continues through Oct. 25.

**Corning Museum Trip:** The Johnson Museum has arranged a one-day excursion to the Corning Museum of Glass on Oct. 3 to view the exhibition "Glass of the Caesars." A luxury bus will leave the campus in the morning and return in late afternoon.

Tickets cost \$15 for Johnson Museum members and include round-trip transportation and admission to the museum and the show. Members may bring one guest at the same cost. Nonmembers should add an additional \$15 (for students) or \$25 (for nonstudents) to the basic cost, and may then enjoy a year's membership in the museum. Participants will receive a guided tour of the exhibition.

For more information or to reserve a place on the trip, call the Community Relations Department of the Johnson Museum. The telephone number is 255-6464.

### Olin Library

"The Constitution of the United States, 1787-1987," a celebration of the Bicentennial of the signing of the Constitution on Sept. 17, 1787. The exhibit includes documents, books and pictures that trace the drafting and development of the Constitution and the controversies surrounding its interpretation. It will be displayed through Sept. 30, Monday-Friday 8 a.m.-noon; 1-5 p.m., Olin Library.

## FILMS

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

### Thursday, 9/24

"Red River." (1948), directed by Howard Hawks, with John Wayne, Montgomery Clift and Walter Brennan, 8 p.m., Uris Hall.

"Ahmedabad - Life of a City in India," documentary, 5 p.m., Uris Library.

### Friday, 9/25

"The Toxic Avenger," (1985), directed by Michael Herz, with Mitchell Cohen, Andree Maranda and Jennifer Baptist, 11:30 p.m., Uris Hall.\*

"Raising Arizona," (1987), directed by Joel Coen, with Holly Hunter and Nicholas Cage, 7:30 p.m., Uris Hall.\*

"Scene of the Crime," (1986), directed by Andre Techine with Catherine Deneuve, Danielle Darrieux and Wadeck Stanczak, 8 p.m., Anabel Taylor Hall.\*

"Working Girls," (1987), directed by Lizzie Borden, with Louise Smith, Ellen McElduff and Amanda Goodwin, 9:30 p.m., Uris Hall.\*

### Saturday, 9/26

"The Toxic Avenger," midnight, Uris Hall.\*

"Raising Arizona," 10 p.m., Uris Hall.\*

"Scene of the Crime," 7:30 & 9:30 p.m., Anabel Taylor Hall.\*

"Working Girls," 8 p.m., Uris Hall.\*

"Rules of the Game," (1939), directed by Jean Renoir, with Marcel Dalio and Jean Renoir, 2 p.m., Johnson Museum, Cornell Cinema and Museum members only.

### Sunday, 9/27

"Raising Arizona," 7:15, 9:30 p.m., Uris Hall.\*

"Mix Up," (1986) documentary directed by Francoise Romand, co-sponsored with CCPA, 2 p.m., Johnson Museum.\*

### Monday, 9/28

"Working Girls," 8 p.m., Uris Hall.\*

### Tuesday, 9/29

"Utu," (1984), directed by Geoff Murphy, 8 p.m., Uris Hall.\*

"Dead Birds," (1963), The Dani of western New Guinea, an agricultural people with a Neolithic culture, have an elaborate system of intertribal warfare and revenge, 4:30 p.m., Uris Library Media Center.

"Becoming American," preliterate tribal Laotian farmers await resettlement in a refugee camp in Thailand and then journey to the United States, 4:30 p.m., Uris Hall. Sponsored by Field and International Studies.

### Wednesday, 9/30

"The Birds," (1963), directed by Alfred Hitchcock, with Rod Taylor, Tippi Hedren, 8 p.m., Uris Hall.\*

## LECTURES

### Computer Science

"Logicle: An Interactive Theorem Prover Using Skolemization," Drew McDermott, Dept. of Computer Science, Yale University, Sept. 24, 4:30 p.m., B17 Upton Hall.

"Model Based Object Recognition and Localization," Eric Grimson, Artificial Intelligence Laboratory, MIT, Oct. 1, 4:30 p.m., B17 Upton Hall.

### Cornell Plantations

Topic to be Announced, the William J. Hamilton Lecture Series, Jim and Jenny Archibald, experts from Southern England on the growing of spring blooming bulbs and alpine plants, Sept. 26, 1:30 p.m., Robert Purcell Union, Multi-Purpose Room. Co-sponsored by the American Chapter of the Rock Garden Society.

### Law

"Public Interest Law in the '80s," Ralph Nader, consumer advocate, Sept. 28, 8 p.m., Myron Taylor Hall Moot Court Room.

### Materials Science and Engineering

"X-Ray Diffraction Studies of Superconducting Materials," R. Snyder, Alfred University, Sept. 24, 4:30 p.m., 140 Bard Hall.

"Quasi - Kinetic Criterion for Brittle Fracture," John Hack, Yale University, Oct. 1, 4:30 p.m., 140 Bard Hall.

### Music

"Orpheus in Vienna: The Program in the Second Movement of Beethoven's Fourth Piano Concerto," a lecture-demonstration, Owen Jander, Wellesley College, Sept. 30, 4 p.m., Barnes Auditorium.

### Near Eastern Studies

"Lexicography in the Computer Age: Aramaic and Beyond," Michael Sokoloff, Professor of Talmud, co-sponsored with Dept. of Modern Languages & Linguistics, Sept. 29, 4:15 p.m., 374 Rockefeller Hall.

### Russian Literature

"Gorbachev, Glasnost and Reconstruction - An Insider's View," Julian Semyonov, author and special correspondent in Moscow, Sept. 28, 4:30 p.m., Hollis E. Cornell Auditorium, Goldwin Smith Hall.

### Southeast Asia Program

"What I Did on My Summer Vacation," Benedict Anderson, professor of government/SEAP director, Sept. 24, 12:20 p.m., 102 West Avenue Ext.

"On the Rise and Fall of the Tasaday: The Political Economy of an Anthropological Sign," Jean-Paul Dumont, University of Washington, Oct. 1, 12:20 p.m., 102 West Avenue, Ext.

## MUSIC

### Bound for Glory

Bound for Glory welcomes Cranberry Lake for old time and jug band music. Bound for Glory presents three live sets, at 8:30, 9:30 and 10:30 p.m., every Sunday at the Commons Coffeehouse, Anabel Taylor Hall. Admission is free and children are welcome. The show can also be heard live on WVBR-FM93.

### Department of Music

Chamber music: Sara Edgerton, violoncello, and Kathryn Stuart, fortepiano, will perform Beethoven's Sonata in F major, Op. 5, no. 1 and Sonata in C major, Op. 102, no. 1 and Mendelssohn's Sonata in B-flat Major, Op. 45, Sept. 26, 8:15 p.m., Barnes Hall auditorium.



Christian Steiner

Bella Davidovich, left, will be the piano soloist when the direction of James Conlon, right, in Bailey Hall Dec. Hall ticket office.

Malcolm Bilson, fortepiano, will perform Haydn's Sonata in A-flat Major, Hob. 43 and Sonata in A Minor, Hob. 34 and Mozart's Fantasy in C Minor, K. 496, Sonata in F Major, K. 332 and Sonata in B-flat Major, K. 333, Sept. 29, 8:15 p.m., Barnes Hall auditorium.

### Unions & Activities

Coffeehouse Auditions, Oct. 1, 2-4 p.m. and 5-7 p.m., Willard Straight Hall Memorial Room. Any person who sings or plays any musical instrument is welcome to audition.

## RELIGION

### Sage Chapel

New York Times columnist James Reston will give the 11 a.m. Sage Chapel Service talk Sept. 27 on the subject "Leadership for the 21st Century."

### Catholic

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

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

### Christian Science

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

### Episcopal (Anglican)

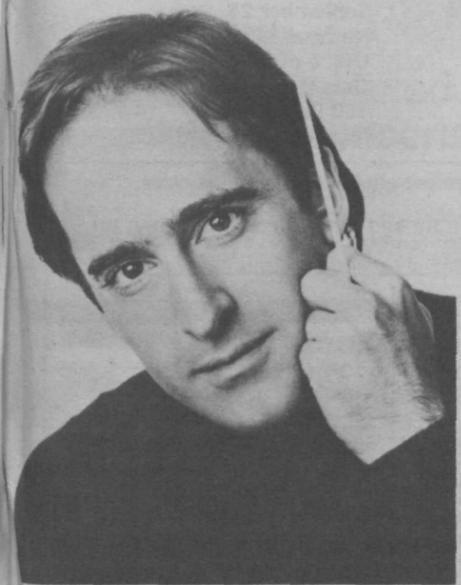
Every Sunday, 9:30 a.m., Anabel Taylor Chapel.

### Friends (Quakers)

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



Catherine Deneuve in a scene from 'Scene of the Crime' Anabel Taylor Hall. See the listings for details.



Jack Mitchell

Rotterdam Philharmonic performs under Oct. 7. Tickets are on sale at the Lincoln

#### Protestant

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

#### Zen Buddhism

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

## SEMINARS

#### Agricultural Engineering

"CACE: A New Approach to Large Scale Protein Purification," Jean B. Hunter, Sept. 28, 4 p.m., 400 Riley-Robb.

#### Agronomy

"Waste to Resource Without Pollution," William Mitchell, University of Delaware, Sept. 29, 4 p.m., 135 Emerson Hall.

#### Applied Mathematics

"Patterned Group Formation," Brian Straghan, Dept. of Mathematics, Sept. 25, 4 p.m., 322 Sage Hall.

"The Three Horsemen of Conservation," Colin Clark, University of British Columbia, Oct. 1, 3 p.m., Kaufman Auditorium, Goldwin Smith Hall.

#### Biological Sciences

"Protein Structure and Function of Gene Families," Harvey Lodish, Dept. of Biology, MIT, Sept. 24, 4:30 p.m., 204 Stocking Hall.

#### Biophysics

"Mechanical Transduction by Ion Channels," Frederick Sachs, Dept. of Biophysics, SUNY Buffalo, Sept. 30, 4:30 p.m., 700 Clark Hall.

#### Chemical Engineering

"The Effect of Hydrodynamic Interactions on the Orientation of Axisymmetric Particles Flowing through a Fixed Bed," Eric Shagfeh, AT&T Bell Labs, Sept. 29, 4:15 p.m., 145A Olin Hall.

#### Chemistry

Topic to be announced, Angelica Stacy, University of California, Berkeley, Sept. 24, 4:40 p.m., 119 Baker Laboratory.

"The Carbon Dioxide Chemistry and Photochemistry of Binuclear Transition Metal Complexes," Clifford P. Kubiak, Purdue University, Sept. 28, 4:40 p.m., 119 Baker Laboratory.

#### City and Regional Planning

"Federal Urban Policy in the Future - What Matters? What are the Possibilities?" a debate among Theodore Lowi, Dept. of Government; James Turner, Africana Studies and Research Center; and William Goodsmith, City and Regional Planning, Sept. 25, 12:15 p.m., 157 East Sibley.

#### Computer Services

"Macintosh Digital Image Analysis System," Mark Sorrells and Chris Shanahan, Plant Breeding and Biometry, Sept. 24, 12:20-1:10 p.m., 100 Caldwell Hall.

"Computer-Assisted Instruction for Undergraduate Students of Labor Law," Constance Finlay, ILR, Oct. 1, 12:20-1:10 p.m., 100 Caldwell Hall.

#### Ecology and Systematics

"Contributions of population biology to a science of conservation," Daniel Simberloff, Florida State University, Sept. 28, 4:30 p.m. Morison Seminar Room, A106 Corson/Mudd Halls.

"Dynamics of Lake Michigan plankton: Model evaluation of nutrient loading, competition and predation," Donald Scavia, National Oceanic and Atmospheric Administration, Ann Arbor, Sept. 30, 4:30 p.m., Morison Seminar Room, A106 Corson Mudd Halls.

#### Floriculture and Ornamental Horticulture

"Landscape Techniques Utilized in the Gardens of Japan," Tom Conley, Sept. 24, 12:15-1:15 p.m., 404 Plant Science.

"Effect of Nutrient Elements and Mowing on Anthoxanthum odotatum L.," Frank Rossi, Oct. 1, 12:15 p.m., 404 Plant Science.

#### Food Science and Technology

"Observations on Food Science in England," Norman Potter, Dept. of Food Science, Sept. 29, 4:30 p.m., 204 Stocking Hall.

#### Genetics and Plant Pathology

"Cauliflower Mosaic Virus 35S RNA: the central figure of the viral life cycle," Pierre Pfeiffer, Institut de Biologie Moleculaire des Plantes, Stasbourg, France, Oct. 1, 3 p.m., 135 Emerson Hall.

#### History and Philosophy of Science and Technology

"Bells Theorem: A Guide to the Implications," Jon Jarrett, Program in the History and Philosophy of Science and Technology, Sept. 30, 4:30 p.m., 165 McGraw Hall.

#### International Nutrition

"Managing Limited Food Resources: strategies used by families with limited income," Cathy Campbell, Division of Nutritional Sciences, Sept. 24, 12:15 p.m., Faculty Commons, 1st Floor Martha Van Rensselaer Hall.

"A Perspective of Parasitism," David Crompton, John Graham Kerr Professor of Zoology, University of Glasgow, Scotland, Oct. 1, 12:15 p.m., N-207 Martha Van Rensselaer Hall.

#### Mechanical and Aerospace Engineering

"Directed Energy Weapons: The APS Study," Edwin E. Salpeter, Sept. 29, 4:30 p.m., 282 Grumman.

#### Microbiology

"The Regulation of Yeast Genes by Oxygen," Richard S. Zitomer, Dept. of Biological Sciences, SUNY Albany, Sept. 24, 4:30 p.m., 124 Stocking Hall.

"Unusual Genetic Structure of Thiobacillus ferrooxidans," David S. Holmes, General Electric Co., Oct. 1, 4:30 p.m., 124 Stocking Hall.

#### Neurobiology and Behavior

"Translation of Sensory Signals into Commands for Saccadic Eye Movements: The role of superior colliculus," David Sparks, Physiology and Biophysics, University Station, University of Alabama, Sept. 24, 12:30 p.m., Morison Room, Corson/Mudd Hall.

#### Ornithology

"Raptor Field Identification: State of the Art, Future Direction," Bill Clark, author of 'A Field Guide to Hawks - North America,' Sept. 28, 7:45 p.m., Fuertes Room, Laboratory of Ornithology, 159 Sapsucker Woods Rd.

#### Plant Biology

"Flooding Tolerance in Plants," Harold W. Woolhouse, A.D. White Professor-at-Large, Sept. 25, 11:15 p.m., 404 Plant Science.

#### Plant Pathology

"Cellular localization and characterization of pectic enzymes from Erwinia carotovora subsp. atroseptica," Helga George, Sept. 29, 4:30-5:30 p.m., 404 Plant Science.

#### Psychology

"Visual Development in Human Infants," Richard Aslin, College of Arts & Sciences, University of Rochester, Sept. 25, 3:30 p.m., 202 Uris Hall.

#### South Asia Program

"Goddess Worship: From Purana to Tantra," Thomas Coburn, St. Lawrence University, Sept. 24, 12:15 p.m., 360 Uris Hall.

#### Statistics

"Maximum Likelihood Estimation for Multinomial Mixture Model," Charles McCulloch, Biometrics Unit, Sept. 30, 3:30 p.m., 100 Caldwell Hall.

#### Textiles and Apparel

"Pesticides and Protective Clothing," Art Schwoppe, A.D. Little, Inc., Sept. 29, 12:20 p.m. 317 Martha Van Rensselaer Hall.

#### Theoretical and Applied Mechanics

"Long-time Behavior of Elastic-Plastic Structures Under Cyclic Loads," D. Weichert, Institut fur Mechanik, West Germany, Sept. 29, 4:30 p.m., Thurston Hall 205.

#### Vegetable Crops and Pomology

"Helping People Eat Healthfully - Trends in Nutrition Education," Carole Bisogni, Dept. of Nutritional Sciences, Sept. 24, 4:30 p.m., 404 Plant Science.

"Fluorescence as a Probe of Higher Plant Photosynthesis," Tom Owens, Dept. Plant Physiology, Oct. 1, 4:30 p.m., 404 Plant Science.

## THEATRE

#### Theatre Cornell

Preview of a one act musical by Polly Pen, a 1976 graduate of Ithaca College, directed by guest artist Andre Ernotte, Oct. 1, 8 p.m., in Drummond Lab Theatre, Lincoln Hall. A concert reading open to the public. Admission is free. Call 255-5165 for information.

## MISC

#### Alternatives Library

Located in 122 Anabel Taylor Hall, this library contains more than 5,000 books, 180 periodicals and 350 tapes and slide shows on topics of individual, social and ecological transformations. Areas include eco-justice, holistic health, Native Americans, sustainable agriculture, appropriate technology, gay issues, political and economic analysis, and spirituality and mysticism.

#### Cornell Junior League Bowling

Cornell junior league bowling party, Helen Newman Lanes, Sept. 26, 10 a.m. Free bowling and refreshments, open to children ages 5-17. Registration for the Cornell 1987-88 junior bowling program will be available.

#### CUSLAR

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

#### Fuertes Observatory

Fuertes Observatory, located on the hill behind Helen Newman Hall, will be open to the public every clear Friday night from 8 p.m. until midnight. Call the observatory at 255-3557 after 8 p.m. on clear Fridays for more information.

#### Intramural Squash (men, women)

Deadline for entries is Oct. 1 at 4 p.m. in Helen Newman Hall. Fee is \$2 per team due with roster. Play will be straight elimination tournament Mon.-Thurs. evenings, probably at 9 p.m.

#### Shotokan Karate Club

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



... playing Friday and Saturday nights at

# Job Opportunities

September 24  
Number 36  
Office of Human Resources  
Cornell University  
160 Day Hall  
Ithaca, New York 14853-2801

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

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

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

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

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

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

-This listing is also available on CUINFO, Cornell's computerized info service.

## Administrative and Professional

Minimum salaries listed are for recruitment purposes only.

### ESTIMATOR II-REFRIG. & CONTROLS (PG3603) M&SO

Prepare detailed general construction estimates for maintenance, repair, &/or construction projects. Visit job sites & obtain data to prepare both budget & detailed job cost estimates; compile accurate labor estimates & complete material lists utilizing arch. drawings & blueprints.

Req.: AAS in air cond. & refrig. or related field. Min. 5 yrs. exp. in field. Thorough understanding of HVAC, refrig., pneumatic, electronic, electric & direct digital controls. Exp. in univ. research env. & familiar with computers helpful. Exc. comm. skills. Send cover letter & resume to J. Courtney Fletcher.

### ESTIMATOR II-GENERAL CONSTRUCTION (PG3602) M&SO

Prepare detailed general construction estimates for maintenance, repair, &/or construction projects. Visit job sites & obtain necessary data to prepare both budget & detailed job cost estimates. Assist depts. in fulfilling specific reqs.; prepare sketches, drawings &/or project descriptions; compile accurate labor estimates & complete material lists utilizing arch. drawings & blueprints.

Req.: AAS in construction tech. or equiv. Min. 5 yrs. related exp. Understanding of bldg. codes, scheduling (CPM) & project mgmt. Exp. in univ. research env. & familiar with computers helpful. Exc. comm. skills req. Send cover letter & resume to J. Courtney Fletcher.

### TECHNICAL SERVICES SPVR (PT3611) Avian & Aquatic Animal Medicine

Plan & supv. production & testing of vet. biologics. Assist in research & development.

Req.: BS in microbiology. (MS pref.). Min. 3 yrs. exp. in microbiology lab, pref. in biological production. Send cover letter & resume to Dr. W.F. Dean, Avian & Aquatic Animal Med., Duck Research Lab, East Port, LI.  
Minimum Biweekly Salary: \$582.21

### CONTROL SHOP FOREMAN (PG3601) M&SO

Supv. all work of M&SO Controls Shop which includes electricians, plumbers & apprentices who perform work on HVAC control systems. Install, trouble shoot, & repair pneumatic/electric HVAC controls.

Req.: BS in mech., elec., engr. pref. Min. 5 yrs. exp. in controls field, or related exp. Send cover letter & resume to J. Courtney Fletcher.

### BUSINESS MANAGER (PA3609) Alumni Affairs

Manage bus. functions within Alumni Affairs; work closely with Dir. of Div. Financial Operations in establishing, maintaining acctg. & budgeting procedures. Handle all aspects of purchasing, monthly & annual budget, class & club program accts. Manage news & dues programs for classes.

Req.: AAS in busn. admin. or accounting or related field. Strong math/acctg. skills; knowl. of University practices & procedures for cash mgmt. & acctg. highly desir. Strong org. skills; able to work well with others in advisory capacity. Working knowl. of computers. Send cover letter & resume to Cynthia Smithbower by 9/30. Employees should include an employee transfer application.

### ADMIN. SUPERVISOR (PA3614) Classics

Provide functional spvs. for dept.'s administration. Act directly for Chairperson, working independently, coordinate & spvs. personnel & business aspects, handle confidential materials with discretion.

Req.: AAS in Business or Acctg. 3-5 yrs. managerial or admin. exp. Knowl. of Cornell acctg. & payroll essential. Exc. verbal & written comm. skills necessary. Word processing & personal computer skills helpful. Prior supervisory exp. helpful. Send cover letter & resume to Cynthia Smithbower by 10/2.

### APPLICATIONS PROGRAMMER/ANALYST I (PT3604) Computer Services

Work as member of project team to install, maintain & develop batch & interactive programs. Write production procedures & JCL. Diagnose & solve production problems.

Req.: BS or equiv. with computer related courses. Knowl. of applications for interactive admin. systems & database concepts desir. Some exp. with machine arch., programming lang. (PL-1, NATURAL, COBOL) & system utility programs nec. Send cover letter & resume to Judi Deane by 10/5.

### PHARMACIST III (PT3606) Vet. Medical Teaching Hosp.

Resp. for operation of pharmacies of College of Vet. Med.; procurement, storage & use of controlled substances.

Req.: BS in pharmacy, NYS pharmacy lic. or eligible for NYS licensure. Send cover letter, resume, salary history & 3 references to Judi Deane by 10/15.

### ASST. COST ANALYST (PA3613) Endowed Accounting

Resp. for several key cost analyses; endowed indirect cost calculation, resp. centers analysis,

accessory instruction, employee benefit rate, etc. Develop & document IBM PC based systems & spreadsheets. Perform variance analyses to explain changes in rates & assist in projection of future rates.

Req.: MBA or equiv. 3-5 yrs. exp. in area of cost/financial analysis. Exc. verbal & written comm. skills. Familiar with IBM PC & Lotus 1-2-3 desir. Send cover letter & resume to Cynthia Smithbower by 10/9.

### ADVERTISING & PUBLICITY ASSOC. (PC3610) CU Press

Coord. journal & magazine ads placed by Press. Assist advertising dept. in area of publicity.

Req.: BA or equiv. Design skills desir. Working knowl. of PCs, especially Mac. Pagemaker Program. 1 yr. prior exp. in publishing desir. Send cover letter & resume to Esther Smith by 10/1.

### RESEARCH SUPPORT SPECIALIST (PT3402) Chemistry-repost

Perform organic synthesis of new molecules, research & evaluate synthetic routes, supv. 1-2 upper-level undergrads. & organize daily operation & maint. of synthetic lab.

Req.: BS in chem. or MS in organic chem. pref.; add'l. exp. in synthetic organic lab. Knowl. of chromatography & NMR technique. Send cover letter & resume to Judi Deane.

### RESEARCH SUPPORT SPECIALIST I (PT205) Ecology & Systematics-repost

Participate in research on field ecology & epidemiology of insect-transmitted diseases of plants. Tasks incl. developing & conducting field & lab experiments, maint. of insect colonies & data analysis. Some weekend work.

Req.: BS or MS in bio., entomology, plant path. or related field or equiv. Field & greenhouse exp.; knowl. of ecology & agriculture. Statistics & computer use, with reference to biological or agronomic data. Send cover letter & resume to Judi Deane.

### TECHNICAL CONSULTANT (PT195) Hotel Administration-repost

Provide prgrmg. & consulting support for research & instructional computing. Utilize a microcomputer & univ. main frame (SAS/SPSSx).

Req.: BS or equiv. coursework in computing or related fields. Substantial knowl. & exp. of SAS or SPSSx. Knowl. of hospitality software desir. Send cover letter & resume to Judi Deane by 10/15.

### LIBRARY PERSONNEL DIRECTOR (PA2510) Olin Library Admin. Operations-repost

Resp. for personnel mgmt. for endowed & statutory library units (recruiting, selection, staff development, employee relations, personnel records mgmt., wage & salary admin., payroll, etc.), establish personnel practices & procedures, interpret univ. personnel policies & regulations & serve as Libraries' affirmative action officer.

Req.: BA/BS in appropriate field or equiv. exp. Considerable work exp. of successfully increasing responsibility in personnel mgmt. or related field. Knowl. of library operations desir. Send cover letter & resume to Cynthia Smithbower by 10/23.

### MANAGING EDITOR (PC3511) Hotel Administration

Supv. & coord. production of high-quality busn. journal related publications. Copy-edit manuscripts for style substance, write articles; proofread; production scheduling (incl. coord. efforts with staff members, free lancers & vendors).

Req.: BA pref. in english & 2 yrs. hands-on editing or mgmt. of prints publications. Strong command of language. Familiar with editorial style & printing spec's. Exp. with page layout & design. Able to work with WP & page-layout software. Understanding of busn. writing & hospitality industry. Send cover letter & resume to Esther Smith by 10/1.

### RESEARCH SUPPORT SPECIALIST I (PT3503) Clinical Sciences

Support woodchuck hepatitis project for research on liver disease. Create, maintain & analyze computer records. Assist in major woodchuck colony operations, blood collection, surgery, identification, breeding, pup inoculation & experimental treatment.

Req.: BS in bio. with emphasis in wildlife ecology. Computer prgrmg. coursework. NYS driver's lic. Mgnt. of large data sets on IBM PC/XT (R base System V). Lab animal exp. incl. ability to restrain, examine & bleed wild animals, incl. woodchuck. Send cover letter & resume to Judi Deane by 10/2.

### ASSISTANT DIRECTOR (PA3502) Cornell United Religious Works

Provide admin. support for weekly staff mtgs., united programs & conferences; Sage Chapel services; represent CURW in Div. of Campus Life mtgs., administer Sage Chapel Adv. Committee, Baccalaureate service, student preaching, Mon.-Fri., 8:30-5:00; Sun., 10-12:30. Until 6/30/88.

Req.: BA/BS. Exp. in religious ed., pluralistic outlook, admin. planning skills. Send cover letter & resume to Cynthia Smithbower by 10/2.

### RADIATION SAFETY OFFICER (PT3514) Environmental Health

Responsible for mgmt. of univ. radiation protection program. Supv. staff, manage new & ongoing radiation safety programs. Consult with faculty & staff; evaluate potential hazards of proposed research. Interface with govt. regulatory agencies.

Req.: MS or equiv. in health physics, ABHP cert. pref. Several yrs. prof. level exp. in health physics, exp. in mgmt. of broad based univ. radiation safety program highly desir. Exc. oral & written comm. skills req. Send cover letter & resume to Judi Deane by 10/2.

### COMPUTER AUDIT MGR. (PA3507) Audit

Resp. for reviewing & testing procedures for safe guarding of Univ's. computer related resources, evaluating internal controls of new & existing systems, developing software for ongoing audits of Audit Office & providing technical computer training.

Req.: BA/BS req., MBA or adv. degree in computer sci. pref. Min. 5 yrs. FDP audit exp. or equiv. background in computer application

development. Working knowl. of mainframes, mini-computers, & micro-computers req. Send cover letter & resume to Cynthia Smithbower by 10/2.

### SR. TECHNICAL WRITER (PC192) Computer Services-repost

Produce intro. to advanced level publications to clearly & correctly explain software systems of some complexity; produce/edit materials publicizing CCS activities & functions.

Req.: BA or equiv. Min. 2-3 yrs. related exp. in tech. writing. Knowl. of IBM/CMS & DEC/VMS mainframe computers, microcomputers (especially Mac), text editors/WP/desktop publishing software & prgrmg. languages. Send cover letter, resume & writing sample to Esther Smith.

### RESEARCH SUPPORT SPECIALIST I (PT3205) Plant Pathology-repost

Design, execute & analyze experiments related to study of soil-borne plant pathogens. Independent research will be conducted in 1 or more following areas: Microbial responses to roots, isolation & analysis of plant exudates, microbe-microbe interactions, biological control. Train & supv. students & others in lab experimental procedure. Routine lab mgmt.

Req.: MS or equiv. in Plant Path. or Microbio. or related field. 2 yrs. lab exp. in Microbio. req., trng. in biochem. & soil sci. desir. Evidence of independent research skills req. Send cover letter & resume to Judi Deane.

### STATUTORY EMPLOYEE BENEFITS MANAGER (PA046) Statutory Finance & Business Operations-repost

Oversee administration of State-funded health insurance & retirement programs for approx. 5600 employees; assist in extension of Univ. benefit programs to Stat. College employees. Ensure that Stat. employees (clients) receive quality service.

Req.: BS or equiv. in personnel mgmt. or related field. MS in personnel admin. or related field or a C.E.B. (cert. employee benefits) is highly desir. 3 yrs. benefit exp. plus 1 yr. of supv. exp. Prior work exp. with a univ. community helpful. Good oral & written skills mandatory. Knowl. of admin. computer applications req. Send cover letter & resume to Cynthia Smithbower by 10/2.

### APPLICATIONS PROGRAMMER/ANALYST II (PT2614 2 positions) Computer Services-repost

Design, develop, modify & document straight forward applications software in support of distributed admin. system.

Req.: BS or equiv. with computer related courses. 2 yrs. microcomputer exp. in busn. environ. Knowl. of at least 2 languages-PL-1, Natural or COBOL pref.; knowl. of applications for interactive & batch administrative systems, data base mgmt. systems, machine architecture, system utility, programs, VM/CMS. Send cover letter & resume to Judi Deane by 10/2.

### TECHNICAL CONSULTANT (PT195) Hotel Administration-repost

Provide prgrmg. & consulting support for research & instructional computing. Utilize a microcomputer & univ. mainframe (SAS/SPSSx).

Req.: BS or equiv. coursework in computing or related fields. Substantial knowl. & exp. of SAS or SPSSx. Knowl. of hospitality software desir. Send cover letter & resume to Judi Deane.

### ASSISTANT TO BUSINESS MANAGER (PC3314) (Minority Trainee) Division of Campus Life 1 yr. appt.

Provide staff support to Busn. Mgr./Campus Life (\$60 M budget). Analyze finan. & operational info., prepare reports, with division staff (at least 50% of time) using PC & mainframe computer apps. Assist in admin. of personnel, EEO & labor agreement policies, practices, procedures. This appt. provides exp. in a variety of univ. admin. functions sufficient to prep. indiv. to assume possible mgmt. resp. with Cornell.

Req.: BA busn. admin., fin. or acctg. with 2-3 yrs. exp. req. MBA pref. Able to work with a variety of groups; staff, students, admin. on an independent basis nec. Good written verbal comm. skills essent. Familiar with IBM PC desir. Send cover letter & resume to Bettie Thompson by 9/30.

## Clerical

### REGULAR EMPLOYEES Submit an employee transfer application, resume & cover letter. Career counseling interviews are available by appt. EXTERNAL APPLICANTS Submit an employment application & resume. Interviews are conducted Wed. from 1-6pm at Staffing Services, East Hill Plaza by appt. Contact Esther Smith (255-6878) or Lauren Worsell (255-7044).

### SECRETARY, GR18 (C3306) Law School-repost

Provide sec. support to faculty; print manuscripts, briefs, corresp., class materials using WP; prep. travel vouchers; research ref. & citations in law lib.; xerox; file; answer phone.

Req.: H.S. dip. or equiv.; busn or sec. school pref. Offc. exp. & familiar with IBM-PC (WordPerfect) desir.; able to coord. & prioritize variety of tasks.  
Minimum Biweekly Salary: \$444.37

### SECRETARY, GR18 (C3613) JGSM

Provide sec. support for several dept. fac. involving broad set of resp. relative to professors' programs in teaching & research.

Req.: H.S. dip. or equiv. Sec. school desir. Min. 1-2 yrs. sec. offc. exp. Familiar with WP & computers. Good org. skills. Use of Mac computer (training provided).  
Minimum Biweekly Salary: \$444.37

### ACCOUNTS ASST., GR18 (C3606) Finance & Business

Handle vendor inquiries; process credit memos; update vendor file; input data via terminal to CU acctg. system; calculate CU moving allowance

for Statutory Colleges.

Req.: H.S. dip. or equiv. Some terminal input & PC knowl. helpful. Lt. typing.  
Minimum Biweekly Salary: \$443.13

### ACCOUNTS ASST., GR19 (C3611) Computer Science

Provide bookkeeping procedures for dept. involving substantial research funding, large capital inventory of computer equip. Process invoices; maintain inventory control; gather info. for budget prep. & reports to admin. & PIA.

Req.: AAS in acctg. busn. or equiv. Min. 1-2 yr. exp. pref. at CU. Grant & contract exp. desir. Exp. with Mac Excel helpful.  
Minimum Biweekly Salary: \$470.80

### ADMINISTRATIVE AIDE, GR20 (C3609) Human Ecology Alumni Affairs

Provide admin. support to Dir. & Asst. Dir. WP; phone & mail; draft corresp. Record & deposit gifts to College; prepare gift reports & acknowledgment letters; supv. processing & deposit of alumni assoc. dues income, committee corresp. & numerous mass mailings; handle event arrangements & confidential info.

Req.: AAS or equiv. Min. 2-3 yrs. sec. exp. Exc. sec. & org. skills essential. Exp. with microcomputers & WP req. (word perfect pref.). Exp. in public affairs operations, with volunteers or public desir. Heavy typing.  
Minimum Biweekly Salary: \$495.35

### ADMINISTRATIVE AIDE, GR20 (C3607) Sponsored Programs

Provide admin. & clerical support to Univ. Committees on Human Subjects & recombinant DNA Research; provide clerical support to Dir. & Exec. Staff Asst.

Req.: AAS or equiv. Min. 2-3 yrs. exp. req. Heavy typing. Word Perfect WP exp. (Lotus or other data systems) req. Strong interper., comm. & org. skills.  
Minimum Biweekly Salary: \$496.80

### ACCTS. COORD., GR21 (C3209) Civil & Environ. Engr.-repost

Provide admin. acctg. (incl. grant contract) support for School. Budget preparation, reporting, acctg. reconciliation; audit & justify terminal acct. charges.

Req.: AAS or equiv. Min. 2-3 yrs. exp. with complex acctg. program. Med. typing. Knowl. of CU Endowed acctg. (esp. grants & contracts). Good computation & interpretation skills. accuracy. Exc. comm. (oral written) skills. Knowl. of PCs helpful. Able to set priorities, meet deadlines & work in a complex, active environ.  
Minimum Biweekly Salary: \$527.69

### BOX OFFICE MANAGER, GR21 (C3612) Theatre Arts

Oversee operations of Univ. Theatre Box Office. Resp. for sales of subscription & single tickets; accurate reconcil. of sales & financial reporting; establish box offc. & cust. service procedures; train & supv. student staff; manage group sales; maintain data systems. Mon.-Fri., 10-6 Some evs. & weekends. Sept.-May.

Req.: BA in Theatre Mgmt. or equiv. Box offc. & or customer service bkgnd. req. Acctg. & computer exp. helpful. Prev. supv. training exp. pref. Exc. comm. skills req. Send cover letter & resume to Esther Smith by 9/30.  
Minimum Biweekly Salary: \$527.69

### ADMINISTRATIVE AIDE, GR21 (C3601) VP, Academic Programs

Provide broad range of admin. clerical support to VP, Asst. VP & Exec. Staff Asst. in Offc. of Vice President for Academic Affairs.

Req.: AAS or equiv. Min. 2-3 yrs. related exp. Exp. with PCs (Mac, IBM-PC). Exc. grammatical, comtn., org. skills. Knowl. of CU desir.  
Minimum Biweekly Salary: \$527.69

## General Service

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

### FOOD SERVICE WORKER, SO14 (G3602) Dining-Endowed

Set-up, display & serve food & or beverage. Check Co-op dining cards for validity & make sale transactions by cash or credit card. Shift subject to change.

Req.: H.S. dip. or equiv. Knowl. of food prep. & presentation pref. Good customer relation skills. Basic reading & computation skills req.  
Minimum Hourly Rate: \$4.66

### CUSTODIAN, SO16 (G3601) Buildings Care-Endowed

Provide general custodial care of bldgs. & grnds. in immed. vicinity of assigned area. Mon.-Thurs., 2:30 p.m. 11:00 p.m.; Fri. 2:30 p.m. 10:00 p.m.

Req.: H.S. dip. or equiv. Able to operate a variety of heavy power equip., lift 50 lbs. & climb an 8 ft. ladder. Basic reading & writing skills.  
Minimum hourly rate: \$5.14

### PROGRAM AIDE, GR17 (G3603) NYC Coop. Extension Program

Work with low income families & children to acquire knowl. & skills for improving nutritional quality of their diets. Teach mothers & youth essentials of nutrition & increase their knowl. & skills in selecting & using foods.

Req.: H.S. dip. or equiv. req. 3 week req. training course prior to employment. Able to read & write & do simple arithmetic. Knowl. of New York City communities.  
Minimum Biweekly Salary: \$420.86

### DRAFTER, GR21 (G3501) Nuclear Studies

Design & prepare working drawings, layouts, specifications of equip., scientific illustrations & graphics. Work from sketches, notes or verbal instructions.

Req.: AAS in electronic, mechanical or engineering technology or equiv. 1-2 yrs. design drafting & tech. illustrating exp. Some exp. in art & publications desir.  
Minimum Biweekly Salary: \$527.69

## Technical

### REGULAR EMPLOYEES: Submit an employee transfer application, resume & cover letter. EXTERNAL APPLICANTS: Submit an employment application, resume, & list of laboratory techniques/equipment, or computer languages/hardware with which you are familiar. Submit a cover letter for each position for which you apply, (specify title, dept. & job number) to Judi Deane 160 Day Hall. Interviews are conducted the first Thursday of each month from 1:30-4:30 p.m. at Staffing Services, East Hill Plaza. The following backgrounds are highly desired: biochem., chem., microbio., elect., physics, lic. animal health tech. No appt. is necessary, however a brief wait may be required.

### RESEARCH AIDE, GR19 (T2501) HDFS, Family Life Development Ctr.-repost

Organize course info. in human svcs. area. Data input, software maint., maint. for evaluation of computer system, direct comm. with state & county officials.

Req.: AAS or equiv. exp. 2-3 yrs. exp. Exc. comm., interper. & math skills. Exp. on PC's, pref. MacIntosh.  
Minimum Biweekly Salary: \$470.80

### TECHNICIAN, GR20 (T3601) Vet. Micro.-Baker Inst.

Perform tech. duties in infectious disease oriented immunology lab. Tissue culture & biochem. techniques. Handle infectious agents & lab animals. Some computer work (preliminary analysis of data generated in ELISA assays).

Req.: BS/BA in bio., agric. or equiv. Lab exp., knowl. of cell culture desir. Knowl. of computers useful. Apply by 10/15.  
Minimum Biweekly Salary: \$495.35

### COMPUTER TECHNICIAN, GR22 (T3307) Human Ecology Computer Literacy-repost

Provide tech. support for microcomputers & mainframes systems to College user community. Duties incl. setting up new equip., installing software & troubleshooting. Assist with trng. users (1-on-1 & groups) on various software pkgs.

Req.: AAS or equiv. with coursework in computing & related exp. BS pref. Proficiency with hardware & software for IBM-PC & compatible Macintosh, peripheral devices & CU mainframe systems. Working knowl. of major software packages such as Lotus, dBase III+, Word Perfect, MS Word, Excel & Kermit req. Knowl. of stat. software & networking systems beneficial.  
Minimum Biweekly Salary: \$554.63

### ELECTRONIC TECHNICIAN, GR22 (T198) Mann Library-repost

Resp. for installation, maintenance & support of microcomputer hardware & software. Duties incl. troubleshooting & consulting with staff on applications software; installing microcomputer systems, configuring & upgrading software, coordinating maintenance of computers & peripherals.

Req.: AAS in tech. field; BS pref. 1 yr. exp. troubleshooting & support of microcomputer hardware & software req. Driver's lic. req.  
Minimum Biweekly Salary: \$539.94

### POSTDOCTORAL ASSOCIATE (T3604) Boyce Thompson Institute

Study effects of ozone physiology & biochem. of carbon assimilation in trees. Plant culture, gas exchange, measurements of plant metabolites & enzyme activities.

Req.: PhD in Plant Path., Plant Biochem. or equiv. Contact Dr. Ruth Alscher, Boyce Thompson Institute, 607 257 2030.  
Minimum Annual Salary: \$17,000

## Part-Time

### NURSE AIDE (RELIEF)

Provide night week-end coverage at student infirmary. Should have either training or exp. in a medical setting. Fri. & Sat. nights, 11:30 p.m. 8:00 a.m. Call 273 1179 East Hill Plaza for further info.

## Pianist-cellist duo, Bilson to be featured in upcoming concerts

Chamber music will be performed by Violoncellist Sara Edgerton and Fortepianist Kathryn Stuart Sept. 26 at 8:15 p.m. in the Barnes Hall auditorium. The concert is free and open to the public.

Featured compositions are Ludwig van Beethoven's Sonata in F Major, Op. 5, no. 1 and Sonata in C Major, Op. 102, no. 1; and Felix Mendelssohn's Sonata in B-flat Major, Op. 45.

Edgerton has performed in England and the United States as soloist and principal cellist. She is regularly invited to perform at the International Music Festival in Oxford and continues studies with William Pleeth in England and with Professor John Hsu at Cornell.

Stuart, associate professor of music at SUNY at Plattsburgh, where she is also a member of the Champlain Trio, has appeared as soloist and chamber player in New York City, New England, Canada, the Midwest. She also has performed as soloist with the New Hampshire Music Festival Symphony Orchestra. Currently she studies with Professor Malcolm Bilson. Both artists are doctoral candidates in historical performance practice at Cornell.

### Bilson to give concert

Fortepianist Malcolm Bilson will give a Haydn-Mozart concert Sept. 29 at 8:15 p.m. in Barnes Hall. The public is invited to attend this free concert.

Bilson has achieved international recognition as the foremost interpreter of Mozart, Haydn, Beethoven, and other early master composers. He performs on authentic forte-piano replicas or on original 18th-century instruments found in various museum collections throughout the world.

Bilson is constantly on tour to perform as



Sara Edgerton, violoncello, above, will perform chamber music along with Kathryn Stuart, fortepianist, Sept. 26 at 8:15 p.m. in Barnes Hall.

soloist or chamber player, to teach, lecture, tape, and record in Western or Eastern United States, England, Holland, Germany, Hungary, or Italy. In 1986, Bilson was in Baden and Vienna for the filming of a continuing series of a Granada television production entitled "Man and Music."

He is currently engaged in recording the complete Mozart piano concertos for Deutsche Grammophon/Archiv after which they will start the complete Beethoven concerti. Bilson is professor of piano at Cornell and conducts workshops and master classes at Juilliard. He also directs the "On Original Instruments" series at Merkin Hall in New York City.

His Sept. 29 concert features Joseph Haydn's Sonata in A-flat Major, Hob. 43, and Sonata in A Minor, Hob. 34; and Mozart's Fantasy in C Minor, K. 496, Sonata in F Major, K. 332, and Sonata in B-flat Major, K. 333.

## Russian writer Semyonov to lecture

Russian novelist Yulian Semyonov will lecture on "Gorbachev, Glasnost and Reconstruction: An Insider's View" at 4:30 p.m. on Sept. 28, in Hollis E. Cornell Auditorium of Goldwin Smith Hall.

The author of 55 books, mostly crime novels and spy thrillers in what Scammell calls the "Robert Ludlum genre," Semyonov has served as a foreign correspondent and was part of the Soviet entourage at the Geneva arms talks. Some 35 million copies of his books are in print around the world.

His latest thriller, published this month, is "Tass Is Authorized to Announce ..."

According to People: "Semyonov has risen to the pinnacle of the Soviet cultural elite. For [Aleksandr] Solzhenitsyn, Stalinism seems an inevitable outgrowth of Soviet Communism. For Semyonov, Stalinism was a historical aberration. . . . Though Semyonov is no orthodox, hard-line Communist, his insider portrayals of Soviet espionage (his villains often are CIA agents) and his passport full of visas have led some to conclude he works for the KGB. . . . He vehemently denies, however, that the KGB ever put him up to writing a word."

## Rotterdam Philharmonic to perform

Young American maestro James Conlon, acclaimed for both symphonic and operatic performances on the international scene, will conduct the Rotterdam Philharmonic in Bailey Hall on Oct. 7 at 8:15 p.m.

Bella Davidovich will be the piano soloist in Mozart's Piano Concerto No. 23 (K488). Gustav Mahler's Symphony No. 5 will complete the program.

Tickets for the concert are on sale at the Lincoln Hall ticket office, 255-5144. Prices for the general public are from \$14.52 and for students from \$11.50 to \$18.50.

The Rotterdam Philharmonic is returning for its fifth U.S. tour since 1970, the second under the leadership of Maestro Conlon. Following their American appearances this world tour will continue in Japan and Korea.

Each season the orchestra performs 70 concerts in its permanent Rotterdam home, Doelen Hall. Approximately 30 more are performed on tour at major music centers throughout Eastern and Western Europe. The Philharmonic can be heard on more than 30 records on the Erato label, among them nine highly acclaimed albums under

Conlon's direction.

Conlon made his New York Philharmonic debut in 1974. Since then he has appeared with virtually all major orchestras in the U.S., Canada and Europe. His return engagements during the 1987-88 season will include appearances with the Metropolitan Opera and the Royal Opera Covent Garden.

Before her emigration to the U.S. in 1978, Davidovich was ranked among Russia's finest pianists. She has performed with the Leningrad Philharmonic for 28 consecutive seasons.

The concert is part of the Great Soloist & Orchestra Series, which will bring to Bailey Hall world renowned artists during the 1987-88 season. Other performances on the series are Itzhak Perlman, Nov. 3; The English Chamber Orchestra with Frank Peter Zimmermann violin soloist on March 3; and Metropolitan Opera soprano Kathleen Battle on April 12.

Series subscriptions at a considerable discount are also available at the Lincoln Hall ticket office until Oct. 7.

## Johnson School curriculum *Continued from page 1*

significance for managers in the next century."

The Johnson School will seek funds to provide financial aid to all students including those who combine an M.B.A. with another major.

Tarr himself mixed his university courses, earning academic degrees in economics, business administration and American history, with time out to study engineering.

### International studies to expand

International studies will be enlarged in the Johnson School's curriculum. The school now offers a joint program in Japanese studies, with training in Japanese language and culture followed by an internship in Japan.

Two endowed professorships are planned for faculty with expertise in international finance, marketing and economics.

The Johnson School will share some faculty appointments with the School of Industrial and Labor Relations and with the departments of sociology and psychology.

"Executives who attain the highest managerial positions are those who have developed qualities of leadership as well as expertise in a specialized field," the Johnson

School report said.

Increased student financial aid will occupy an important role in expanding the school's academic programs. "Often, the best students are already burdened with large undergraduate loans, and they must approach further indebtedness with prudence," a Johnson School report said.

But the school said it will feel comfortable arranging low-interest loans for its graduate students "whose earning potential is likely to be significant."

To maintain "a spirit of camaraderie," the Johnson School plans to remain small and actually decrease the number of its students from the current level of more than 500 to about 450. At the same time, steps are being taken to increase faculty at the professorial level from 38 to 45.

### A 'quantum leap forward'

"We're trying to take a large step, a quantum leap forward, in the quality of management education, and to do it in a short period of time," said Kenneth T. Derr, vice chairman and director of Chevron Corp., who received his M.B.A. at Cornell in 1960. He is a member of the school's campaign committee.

Samuel C. Johnson, chairman of S.C. Johnson & Son and a major benefactor of Cornell University, from which he graduated in 1950, put it this way:

"Because the Johnson Graduate School of Management is relatively young and relatively small, we can adapt more quickly to the changing requirements of management education. We are doing things to educate business leaders for the future that many other schools are not doing—emphasizing a global perspective, identifying and developing leadership talent, training students to deal with rapidly changing technologies. More important, we can tap into the vast resources of the great research university of which we are a part."

John P. Neafsey, executive vice president of Sun Co. Inc., who is directing the school's campaign, said: "We are aware that preparing leaders for the next decade and into the 21st century requires a different kind of training than that provided by the major schools of business today.

"We all have an interest in excellence. We all have an interest in making sure that the United States retains its preeminent and competitive positions in world markets."

— Albert E. Kaff

## JGSM kicks off capital campaign

The \$46.5 million capital campaign for the Johnson Graduate School of Management opened Tuesday night at a kickoff dinner in the Trianon Room of the New York City Hilton Hotel.

Attended by alumni and friends of the school, the dinner was followed by the premier showing of a video film, "Leadership for the 21st Century," which describes how the funds will be used to enhance teaching and research at the business school.

The video presentation will be shown at Cornell alumni meetings throughout the United States in coming months.

Dinner speakers were President Frank H. T. Rhodes, Dean Curtis W. Tarr and John P. Neafsey, campaign chairman and executive vice president of the Sun Company, Inc., Radnor, Pa.

## Job Opportunities

screen phone calls; handle mail; keep calendars of appointments; handle correspondence; distribute reprints & preprints; support special seminar program (arrange housing & schedules for speakers, etc.). Mon.-Fri. 9-3.

Req.: AAS or equiv. Min. 2-3 yrs. exp. Heavy typing. Exp. using math. & chem. symbols in manuscript work. Transcription form dictaphone. Telephone receipt. exp.

Minimum Biweekly Salary: \$496.80

### DRAFTER, GR20 (G3401) CLEARS

Resp. for cartographic & printing functions in area of remote sensing, resource inventory analysis activities. Maintain air photo lib. 20 hrs./wk. until 8/23/88; added hrs. possible after 6 months; continuation contingent upon funding.

Req.: BS in natural resources, landscape arch., geography, related fields, or equiv. exp. 2-3 yrs. tech. work exp. in graphic &/or cartography. Knowl. of standard cartographic convention. Familiar with printing machines helpful. Exc. verbal written comm. skills. Apply at East Hill Plaza Staffing Office, Mon.-Thur., 9 a.m.-noon. Minimum full-time equivalent: \$495.35

### Temporary

Experienced & skilled individuals specifically

interested in temporary clerical/secretarial work can contact Lauren Worsell (255 7044).

### TECHNICAL WRITER (T3606) Theory Center

Produce user & system documentation for a CU-developed operating system for a highly parallel computer. Req. an aptitude for writing tech. material; exp. in tech. writing &/or programming. Hrs. flexible, salary commensurate with exp. Part or full-time temp. position (3-4 months). Send cover letter & resume to Judi Deane.

### TECHNICIAN (T3605) Agriculture & Life Sciences

Assist in conduct of research on aquatic plants, soils & water quality. Mng. plant-nutrient solution cultures & measurements of oxygen content of nutrient solutions in greenhouse & lab. Take stream samples & process for analysis & assist with separation of species of aquatic plants. Req. skills incl. formal trng. in analytical chem. & exp. in lab work. 15-30 hrs./wk., flexible. Contact Dr. D.R. Bouldin, Agronomy Dept., 920 Bradfield Hall, 255 1731.

### SEARCHER, GR18 (C3605) ILR-Catherwood Library

Resp. for searching bibliographic records in card catalog, RLIN & NUC, incl. records for donated collections; verify holdings & condition of titles in lib.; RLIN input, bibliographic typing. Other duties as assigned. P-T, temp. until 12/23/87.

Req.: AAS 2 yrs. college of equiv. Lt. typing. Knowl. of bibliographic verification systems & tools, accuracy & ability to handle detail req. Knowl. of French, German or Spanish desir. Send cover letter & resume to Michele Draais, 235 Olin Library.

### APPLICATIONS PROGRAMMER/ANALYST II (PT3612) Controller's Accounting

Under general superv., provide interactive systems; applications programming analysis support for various financial systems. Assist in insuring effective use of computer resources. Full-time, 3 months.

Req.: BA or equiv. related computer courses. 2-3 yrs. exp. in prgrmm. application & systems. ADABAS & BATCH, VM/CMS interaction, mainframe, IBM & Microcomputers, assembler, JCL. Good interper. org. & comm. skills. Send cover letter & resume to Judi Deane by 10/9.

### DISH MACHINE OPERATORS Dining

All shifts avail. Should be able to lift 30 lbs. & be flexible. Contact the East Hill Plaza Office, 9:00 a.m.-noon for further info.

### DATA COLLECTOR (C3403) Nutrit'l. Science

Evaluate nutri. & health effects of home-delivered meals program on elderly. Data collected in NYC until mid-Oct. Would be in NYC 3-4 days/wk. Through Oct. 87.

Req.: H.S. dip. or equiv. Exp. in community nutrition programs pref. Out of town travel expenses will be covered & hourly wage. Call Laurie Worsell at 255 7044.

### ANIMAL TECHNICIAN, GR18 (G3310) Lab Animal Services

Provide weekend care of lab animals (care, feed, water, exercise); general cleaning & maintenance of cages & pens. Maintain I.D., breeding & inventory records.

Req.: H.S. dip. or equiv. Previous animal handling exp. in an instit. environ. desir. NYS driver's lic. & able to lift 100 lbs. Pre-employment physical req. Apply at East Hill Plaza Staffing Office, Mon.-Thur., 9 a.m.-noon.

## Academic

### ASSOCIATE DEAN FOR EXTENSION (A3601) Extension & Public Service-ILR

Submit curriculum vitae & names, addresses & phone numbers of 3 references to Professor Cletus Daniel, 286 Ives, NYSSILR, Cornell University, Ithaca, NY 14851 0952 by 9/30.

### CAPITAL AREA DIRECTOR & MANAGEMENT SPECIALIST, SR. EXTENSION ASSOC. II (A3602) Capital District Office, Extension & Public Service-ILR

Respond by 10/23 to Professor Robert Risley,

393 Ives Hall, NYSSILR, Cornell University, Ithaca, NY 14851 0952.

### MANAGEMENT SPECIALIST, SR. EXTENSION ASSOC. I (A3603) Rochester District Office, Extension & Public Service-ILR

Respond by 10/30 to Professor William Frank, 202 Extension, NYSSILR, Cornell University, Ithaca, NY 14851 0952.

### LABOR EDUCATION SPECIALIST, EXTENSION ASSOC. IV (A3604) Rochester District Office, Extension & Public Service-ILR

Respond by 11/15 to Professor Ronald Donovan, 108 Extension, NYSSILR, Cornell University, Ithaca, NY 14851 0952.

### READER/GRADER (A3605) Communication

Critique student papers for grammar, punctuation, org. & coherence. Work quickly & independently. Req.: BA in Eng. or Journalism. Exc. command of Eng. lang. Exp. pref. 10-15 hrs./wk. Call Marilee Long 5 6500.

### 2 POSTDOCTORAL FELLOW/RESEARCH ASSOC. (A3606) Veterinary Medicine

Send curriculum vitae & names of 3 references to Dr. Geoffrey W.G. Sharp, Chairman, Dept. of Pharmacology, NYS College of Veterinary Medicine, Cornell University, Ithaca, NY 14853 6401 by 11/15.

# SPORTS

## Upcoming events

### Friday, 9/25

Men's Cross Country, w/ Harvard & Penn, at Columbia, 3 p.m.  
Women's Cross Country, Harvard, at New York, 2:30 p.m.  
Fr. Football, at Ithaca College, 3:30 p.m.  
Ltw. Football, at Army, 7:30 p.m.  
Men's Varsity Soccer, at Princeton, 7:30 p.m.

### Friday-Saturday, 9/25-9/26

Volleyball at Massachusetts Invitational

### Friday-Sunday, 9/25-9/27

Women's Tennis, Northeast Tournament at Penn State

### Saturday, 9/26

Golf at Cornell Invitational  
Women's Varsity Soccer, Columbia, at 11 a.m.  
Varsity Football, Colgate, at 1 p.m.  
Women's Varsity Field Hockey, Boston Univ., at Syracuse, 2:30 p.m.

### Sunday, 9/27

Women's Jr. Varsity Soccer, at William Smith, 2 p.m.

### Monday, 9/28

Jr. Varsity Football, at Colgate, 3:30 p.m.

### Tuesday, 9/29

Men's Varsity Soccer, at Oneonta, 4 p.m.  
Men's Jr. Varsity Soccer, at Oneonta, 4 p.m.

Women's Volleyball, Cortland, at Binghamton, 6 p.m.

### Wednesday, 9/30

Women's Jr. Varsity Field Hockey, Ithaca College  
Women's Varsity Field Hockey, Ithaca College, 7:30 p.m.  
Women's Varsity Soccer, Colgate, 7:30 p.m.

### Thursday, 10/1

Women's Jr. Varsity Soccer, Monroe CC, 4:30 p.m.

## Last week's scores

### Men's Cross Country [1-2]

Army 21-Cornell 38;  
Cornell 27-Syracuse 28;  
East Stroudsburg 27-Cornell 28

### Women's Cross Country (cancelled)

### Men's Varsity Soccer [1-1]

Pennsylvania 2, Cornell 0

### Women's Volleyball [4-2]

1st at Bucknell Invitational

### Golf

22nd at Yale Invitational

### Women's Varsity Field Hockey [0-2]

Pennsylvania 10, Cornell 1

### Varsity Football [1-0]

Cornell 17, Pennsylvania 13

### Women's Varsity Soccer [1-1]

Rutgers 3, Cornell 1



Marcy Dubroff

**BACKING UP:** Quarterback Aaron Sumida (10) goes back for a pass during the Penn game last Saturday. Cornell won that contest, 17-13. The team faces Colgate at home this Saturday.

## Study asks if mediation improves equity of divorce settlements

With a dozen states encouraging or requiring divorcing couples to use a mediator to resolve child custody, support and visitation disputes, a Cornell researcher is studying whether mediated agreements are more or less equitable than other divorce settlements.

"There are emerging public policies that may have conflicting results," said Marilyn L. Ray. "On one hand, we vigorously pursue child support payments to reduce the number of women and children in poverty. But on the other hand, we're encouraging mediation to reduce the load on the courts, even though mediation may reduce the amount of child support in a divorce settlement.

"No one has looked at whether mediated settlements are more or less equitable than other settlements," said Ray, a social worker since 1969 and a matrimonial paralegal who, under supervision of an attorney, has conducted interviews and negotiations and prepared documents for divorces and cases involving child custody, support and visitation. She is a doctoral student in human service studies at Cornell.

### Comparing processes of divorce

A 10-page, 35-question survey will be sent to 360 divorced people in three New York State counties — Dutchess, Monroe

and possibly Saratoga — to compare the equity of three divorce processes: attorney negotiations, mediation, and agreements reached with the assistance of a judge.

More than 90 percent of divorces in New York State go to court based on an agreement signed by the parties; fewer than 10 percent are fought in a court trial, Ray said.

The confidential questionnaire asks if respondents felt pressured during the divorce proceedings to trade away receiving any child support to obtain child custody, whether their needs were taken into consideration and how financial assets were divided in the settlement, among other topics. Because of the confidentiality of divorce records, a survey is the only way to obtain this information, Ray said.

### Pilot study in Tompkins County

In a pilot study with 31 people from Tompkins County, Ray found that, of 15 divorces that involved children, five of the settlements, or 33 percent, contained no provisions for child support after the divorce.

She said she found it most interesting that three of the four attorney-negotiated settlements and all three of the judge-assisted settlements had provisions for child support. But only four of eight mediated

settlements contained a child support provision.

In New York State, there are 98 family mediators, who can be hired by divorcing couples to help them reach an agreement. Based on responses by one-third of the mediators, a mediator handles an average of

five divorces a year, Ray said.

Ray's study is supported by a research grant from the Foundation of the Monroe County Bar and a research fellowship from the National Institute for Dispute Resolution.

— Mark Everly

## Teams to advise field crop dealers

A team of agronomists, entomologists and plant scientists from Cornell will travel to New York State's major farm regions for a week in mid-October to bring farm-supply dealers in those areas up to date on the latest techniques for producing corn, wheat, oats, barley and hay crops.

The scientists, all from the College of Agriculture and Life Sciences, will discuss crop-production techniques and related problems and issues facing farmers at five regional meetings in Waterloo-Seneca Falls, Canton, Ghent, Oneonta and Batavia, Oct. 12 through Oct. 16.

Sponsored by Cornell Cooperative Extension, the 1987 Field Crop Dealer Meetings will feature talks ranging from top crop varieties being readied for commercial use in 1988 to soil fertility programs that are economically and environmentally sound,

according to Russell Hahn, an agronomist who is coordinating the upcoming conferences.

Participants also will receive the newest edition of "Cornell Recommends for Field Crops," an annual publication containing research-based information on crop-production techniques being recommended to the state's farmers for 1988.

Other topics to be discussed at the meetings are farm chemical safety, integrated pest management for field crops and dairy operations, the effect of climate on crop yields, climate-soil-crop interrelationships, changes in soil test, corn rootworm management, control of potato leafhopper affecting alfalfa, and the outlook for seed supply and usage for the coming year.

— Yong H. Kim

## UAW Continued from page 1

Employees working for endowed sections of the university were offered a 40-cent-an-hour increase if they earn less than \$6 an hour, and 32 cents more if they earn more than \$6 an hour. Previously, the university offered all of them a 35-cent-an-hour increase. For the lower-paid employees, this amounts to an 8.6 percent increase.

The university's proposal for workers employed by statutory branches remained unchanged: 45 cents an hour more for all workers, plus two lump-sum payments of \$250. Tufford said the changes in the university offer did not alter the total amount of increased wages proposed by the university consistent with its policy to offer an overall percentage increase of about 5 percent, the amount given to all other non-academic employee groups this year.

"The union said that was not good

enough, and that they want more," Tufford said. "The union offered nothing new. They asked me if it was my position that the university could not afford to pay what the union is requesting, and I told them that was not my position.

"Then they quoted from what they said President Rhodes told them at the reception Saturday and asked if I wanted to hear a tape recording of his comments. I told them that was not necessary." Rhodes' comments on Saturday did not indicate a change in university policy toward the union, university spokesman David Stewart said.

Another bargaining session was scheduled for Thursday afternoon.

At the Saturday reception, union members greeted arriving parents by saying, "Good morning." The union group appeared to be well organized, and

members acted politely throughout the morning. One security officer asked parents on the balcony stairway to move off so that the long union banner could be unfurled and displayed.

Several male union members kept union baseball caps on their heads during the reception, their jackets and T-shirts contrast with the clothes of parents, many of them in suits, neckties and morning dresses.

Al Davidoff, union president, said that at least two \$50 bills were dropped into the collection boxes.

"We had planned to enter the reception area, but we did not request permission to do so," he said. When union workers started walking into the lobby and into the reception room, uniformed and plainclothes security officers let them pass.

After his speech and in answer to a

reporter's question, Rhodes said the university wanted to avoid any confrontation with the union. Explaining his public remarks on the wage issue, he said he believed both sides were right but the university can not afford to increase wages by 16 percent, which is the university's estimate of the union's demand.

Davidoff said that about 200 workers gathered for the parents' reception. Some workers were on a three-day strike. About 130 dining service employees walked off their jobs Friday in an effort to disrupt food service during Parents' Weekend. All but four dining halls were closed.

Cornell and the UAW have been negotiating a one-year wage package since February. The current three-year agreement provides for a wage reopener in the third year.

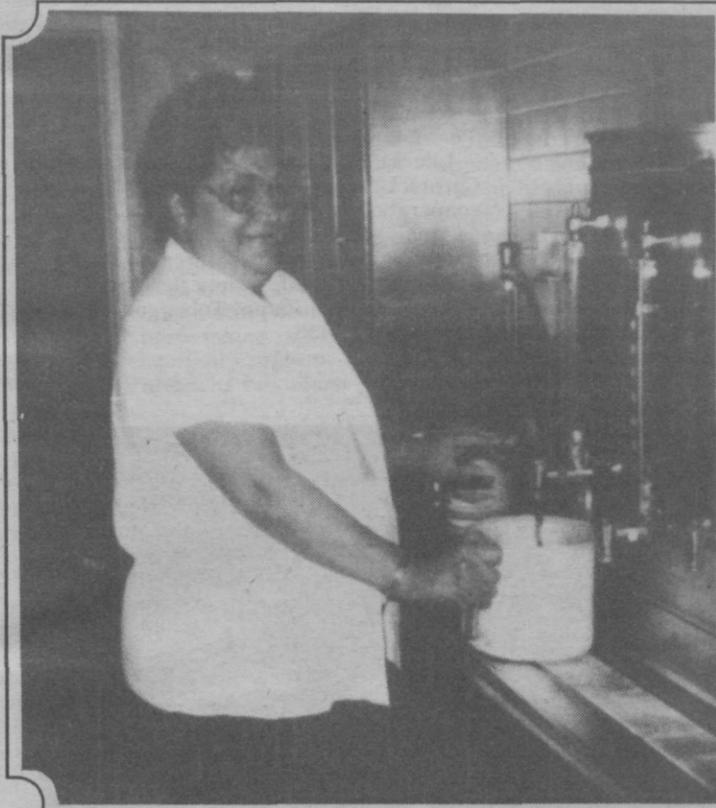
— Albert E. Kaff

# Networking

A Cornell Newsletter Published by Employees for Employees

Volume 8, Number 10

Thursday, September 24, 1987



## Dedicated Service Award Winner for September is Kathryn Clark

Kathryn Clark has been a faithful and dedicated employee of Cornell University for twenty years. She came to Cornell in 1968, working for Buildings and Grounds. In 1981 she transferred to the New York State School of Industrial and Labor Relations. Kay runs the Conference Center kitchen, which provides coffee breaks, luncheons, receptions, and many other services for ILR functions. The staff at the Conference Center have nicknamed the kitchen where Kay works "Kay's Place."

Kay's fellow workers and friends nominate her for this award because they all

agree that she's a rare human being. She is always cheerful and knows each person who frequents "Kay's Place" by name. Kay often goes out of her way to help meet the needs of individuals she comes in contact with.

Kay hails from Candor, New York where she is active in Arden Kelsey Post 907, American Legion Auxiliary. She enjoys bowling and attending yard sales in her spare time. In the summer months you'll find Kay at her cottage on Seneca Lake with her family, including four grandchildren.

## Recent Transfers and Promotions

Congratulations to the following employees who were recently transferred or promoted.

EMPLOYEE	DEPARTMENT
Yvette Anderson	Admissions
Richard Axtell	Dining Services
Scott Badman	Dining Services
Georgina Barber	University Press
David Bartow	Hotel Administration
Margaret Beach	Office of the Assemblies
John K. Bender	Facilities
Mary Berens	Public Affairs
Barbara Berger	University Libraries
Douglas Bianchi	Physiology
Scot Brown	JGSM
Maureen Brull	Human Resources
Joachim Cargas	Sr. Vice President's Office
Mary Carsello	Public Affairs
Ronald Chrzaszcz	Computer Services
Mary Conway	Residence life
Philomena Curley	JGSM
Pamela Denmark	Risk Management
Cynthia Durbin	Psychology
C. Emerick-Daniluk	Summer Session
Dinise Fernandez	Geneva
Annelle Frierson	Public Affairs
Cristen Gardner	Office of the Assemblies
Janet Howe	Admissions
James Howell	Computer Services
Lisa B. Hoyt	Public Affairs
Tamara L. Langley	Dining Services
Jane Lasher	Dining Services
Nancy Law	Admissions
Harry MacPherson	Construction
Theodore O'Konsky	Unions & Activities
Richard Potter	Dining Services
E. Protzel-Lucente	Campus Affairs
Marjory Reed	Dining Services
Kenneth Ridley	Computer Services
Steven Sather	Computer Services
Mary Sczepanski	Office of the Assemblies
Edwin Seager	Dining Services
Stephen Smith	Environmental Research
J. Smith-Kintner	COSEP
Judi Stackhouse	University Libraries
Linda Struble	Computer Services
Tina Thompson	Computer Services
Larry Thorpe	Computer Services
Michelle VanDeMark	Dining Services
Judy Williams	General Stores
David S. Yeh	Vice Provost

## Child Care Information Available

by Carolyn McPherson

Information about day care centers, family care providers, nursery schools, and other programs for children is available through the Day Care and Child Development Council of Tompkins County, 306 N. Aurora in Ithaca (phone 273-0259). The Council provides information and referrals for child care, however, parents must make the actual arrangements themselves.

Several of the Council's publications on child care are available to Cornell faculty, staff and students in the Office of Equal Opportunity, 234 Day Hall. Especially helpful is the brochure, "Programs for Young Children in Tompkins County 1987-88," which gives information about fourteen day care centers, twenty-eight nursery schools, ten after-school programs and a variety of other special programs for children.

## Care for Sick Children

One of the most difficult problems working parents encounter is finding child care for a sick child when the parent needs to be at work.

Tompkins Community Hospital is responding to this need through a new service called TEDDY BEAR-RACKS which offers personalized care to ill children whose parents have employment responsibilities. The service will be provided Monday through Friday, 6:30am-6:30pm year round at an hourly rate of \$3.00

(with a \$12.00 minimum charge). Two meals are included in the hourly rate. Children two months of age and over are welcome. All care and activities will be supervised by the pediatric staff. Toys, books and games will be provided, or children may bring their favorites from home.

For further information, contact the Community Relations Office at 274-4498. Pre-registration is required.

## Cornell's 13th Annual Employee Day Scheduled for Saturday

Kickoff is 1:00pm

The 13th annual employee day - a day to honor each individual employee and the contribution each makes to the University - is slated for this Saturday beginning with the 1pm kickoff as the Cornell Big Red takes on Colgate in the home opener.

Entertainment and Exhibits

Employee Day continues with a chicken barbecue following the game at 3:30pm in Barton Hall. There, you will also enjoy a variety of entertainment and exhibits - over fifteen Cornell departments will contribute to the display area

this year.

Bring a Photo with You

Bring a photo to Employee Day and Computer Services will computerize the image for you. Other departments will feature demonstrations including Public Safety and Life Safety. And see a brand new McGruff the Safety Dog this year.

Free Bus Transportation from B-Lot

Free bus transportation will be provided from B-Lot to the stadium beginning at 11:30am. The transportation will also be provided after the barbecue from about 4pm to 6pm. There will be special handicapped parking provided.

# Life Safety Lines

## Take Care Now to Make Home Heating Systems Safe

by Ernie Thurston

Heating systems make homes cozy and comfortable. But they also are among the leading causes of home fires. This time of year, as the nights grow cooler and heating systems are started up all over the area, many tragic deaths and losses occur that could have been prevented. The Department of Life Safety Services suggests that you learn how to keep your family warm and safe this winter.

Have a professional check and service your heating system every fall. A dirty furnace that's not working properly can be dangerous. Chimneys should be cleaned and inspected by a reputable professional every year, too. A substance called creosote builds up in every chim-

**Never use an extension cord with a portable heater. The heaters draw too much electricity and will overload the cord.**

ney over time and can start a treacherous chimney fire. And older chimneys should be inspected by the fire department for cracks and other flaws that need to be corrected.

Before installing any heating system or supplemental heat source, such as a woodburning stove, get a permit. Have the work done by a licensed professional.

If you need portable heaters, buy only those with safety devices to turn them off automatically if they tip over. Use only those with Underwriters Laboratory (UL) labels that show they have been safety tested. Never use an electric heater that has a frayed, broken or worn cord. And never use an extension cord with a portable heater. The heaters draw too much electricity and will overload the cord.

Turn portable heaters off when you go to bed and when you leave the house. Keep children away from them.

When using kerosene heaters, use only the proper fuel to prevent fires. Only 1k kerosene should be used. Always fill the heaters outside. Be sure rooms are properly ventilated when using kerosene heaters.

Never use gasoline or any flammable liquid to start or rekindle a fire. Always have a spark screen in place in front of a fire to prevent tiny sparks from leaping into the room. Keep at least three feet open between any heat source and anything that will burn -- clothing, bedding, upholstered furniture -- anything that can burn.

Remember, be warm, but be careful. The risk is high.

Life Safety Lines is a presentation of Cornell University Life Safety Services, in cooperation with Networking.

Any questions or comments for Life Safety Lines should be addressed to: Cornell University, Life Safety Services, Attn: LSS E. Thurston, Toboggan Lodge, Ithaca, NY 14853.

### Dedicated Service Award Nomination Procedures

Many individuals at Cornell University contribute to the success of their department and the University through the use of talents that may not be recognized in their official job description.

Do you know someone who takes particular pride in their work, who exhibits a willingness and cheerfulness in the dispatch of their duties, who provides service beyond the call of duty, and who makes life at Cornell a rewarding experience for those with whom they come in contact? Networking is looking for special

people you feel should be recognized for their special contribution. The Dedicated Service Award is open to any Cornell employee, regardless of rank.

Nominate someone today by filling in this form and please note that you should accompany your ballot with a paragraph explaining why you wish to nominate this person and a list of signatures from other department members supporting your candidate. If your candidate is selected, we will be in touch with you to supply additional information.



Bill Herbster receiving Dedicated Service Award from George Peter last May.



### Following the Brass Band

by Ann Marcham

The Prince of Denmark's March played on a hose pipe is the introduction students receive to the James Law Brass Quintet at the College of Veterinary Medicine. Dr. Jay Georgi, professor of Parasitology, built this hose pipe from hydraulic tubing and a mute. He plays the instrument to members of the first year class as he recruits more musicians for the ensemble.

The students and Dr. Georgi meet once a week to play renaissance and baroque music, ragtime, marches and novelty bits. Last year there were two trumpet players (John Blumberg and Matt Belman), a horn (Ilsa Stalis), a trombone (Gregory John) and a tuba (Dr. Georgi). It is definitely informal although they perform for the students and staff at Christmas time and at the College's Open House in April.

Dr. Georgi began this project in 1969. The brass band has ranged in size from 5 to 25. On one auspicious occasion, the dedication of the Gazebo in Dryden, the group hired a conductor to lead about 25 people. However, normally this musical group plays only for personal enjoyment. During practice on Monday afternoons, passers by to the front entrance of Schur-

man Hall find their steps quicken as they hear the rousing music.

Dr. Georgi did not learn to read music until he was age 30. Now he plays the tuba, the cello and the harmonica, in addition to the hose pipe. All of the Georgi's children have studied music. His son is a violinist with the Queensland Symphony Orchestra in Australia. Dr. Marion Georgi, their mother, has chosen to be an admiring audience for the family.

**Please Note:**

Due to the fact that the focus of Employee Day is on the family, and that there is a liability involved with the accidental serving of a minor, the Employee Day committee has decided to not have a cash bar this year. We hope the community is supportive and understanding of this decision.

For the Dedicated Service Award

I. NOMINATE

Employee's Name: \_\_\_\_\_

Phone: \_\_\_\_\_ Department: \_\_\_\_\_

Working Address-Phone: \_\_\_\_\_

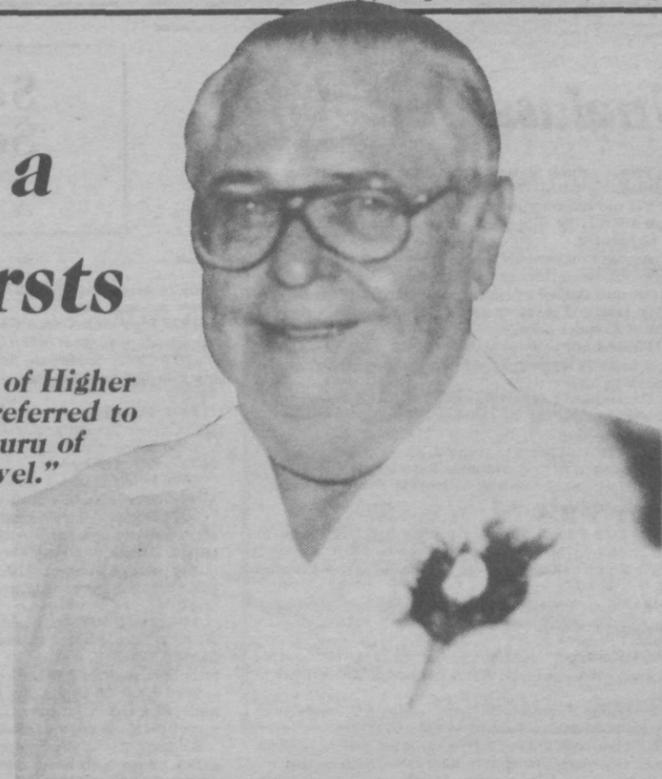
Person Submitting Nomination: \_\_\_\_\_

Dept.-Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Mail to: Donna Updike, 240 MVR Hall

# Rogers' Cornell Career a Procession of Firsts



Wally Rogers

**Career Spans Five Presidents**  
Wallace B. Rogers, a Cornell employee for 40 years who retired this summer, has been named director of general services emeritus.

Rogers, whose career here spans five university presidents, first came to Cornell in 1939 as a student. After interrupting his education for service in the U.S. Army Ordinance during World War II, Rogers, a native of Staten Island, NY, returned to Ithaca. In 1947, he earned the bachelor's degree in administrative engineering and became a university employee. In 1971, he participated in Cornell's Executive Development Program.

**Wrote First Purchasing Procedures Manual**  
Wally Rogers began as a purchasing agent and quickly applied his knowledge to a variety of problems. Among other things, he wrote Cornell's first manual of purchasing procedures and even helped design the portable bleacher system in Barton Hall; the bleachers are still in use.

In January 1955, he was named manager of purchasing and began playing a local and national role in institutional purchasing. Rogers developed and installed the first small-order system adopted by an educational institution, implemented the first leased typewriter

program, and created the first travel office at an educational institution. The Chronicle of Higher Education once referred to Rogers as the "Guru of Institutional Travel."

**Developed "War on Waste" Program**  
Sixteen years later, Wally Rogers was appointed general services director, the title he held until his retirement. In 1975, he personally developed the university's "war on waste," which helped reduce operating costs by about \$250,000. One element of this program was the creation of what may have been the nation's first "800 number" telephone directory.

Rogers is widely recognized for several other firsts, including designing computer-based systems for central stores inventory and billing systems, capital and equipment inventory control and reports, and computer-generated copy for the university's staff and student telephone directories. He also designed the first IBM punch-card ballot used for the election of alumni trustees.

**Rogers "800" Directory Cited**  
The National Association of College and University Business Officers cited Rogers' "800" directory in its 1976 cost-cutting competition. Other awards he has received include the title "certified purchasing manager," a lifetime honor

**The Chronicle of Higher Education once referred to Rogers as the "Guru of Institutional Travel."**

granted by the National Association of Purchasing Management. In 1981, the National Association of Educational Buyers, of which he is a past president, awarded Rogers its highest honor, the Bert C. Ahrens Award.

Rogers was an active member of the commencement planning staff for 30 years and served on the convocation ceremony committees for presidents Perkins, Corson, and Rhodes. As an alumnus, he has been active in class affairs. He is also

active in the community as a director of the Reconstruction Home and the Country Club of Ithaca, and as membership secretary of the Finger Lakes Seniors Golf Association.

Wally Rogers leaves behind a series of institutional systems, most of which are still in use today. And, as anyone who has come in contact with him knows, he takes with him a wealth of detail and trivia from Day Hall, the building named for the first president for whom Rogers worked.

## CRC News

### Shopping Spree, Winery Tour, and NYC Radio City Music Hall

**SHOPPING SPREE** - Get your walking shoes out and your money ready. CRC will sponsor a day trip to Reading, PA for a full day of bargain shopping. The bus will leave B Lot on Saturday, October 3 at 6am. We are planning stops at Downtown and Vanity Fair. Hopefully by going in early October we will avoid some of the November crowds. Call the CRC Office (5-

7565) today to sign up. The cost is \$25 for CRC members and \$30 for nonmembers.

**WINERY TOUR** - Many people have requested a trip to Hammondsport for a tour of the Taylor-Great Western winery. The date is set for October 3 and the cost is \$11 per person, this includes transportation, movie, historical tour, grape crushing demonstration, wine tasting,

and a stop at the wine and gift shop. A lunch stop will also be made (own cost). If time permits, we will also stop at the Curtis Museum in Hammondsport. Sign ups will be taken through September 29.

**BUFFALO BILLS FOOTBALL** - The expectations for the Bills are high this year and we are hoping for a late season show down between the Bills and the Miami Dolphins. The cost is \$35 (\$40 for nonmembers) and includes transportation and game ticket. The seating is similar to the seats CRC was able to get last year; close to the field on the 10-yard line. The group will leave B Lot on Sunday, November 29 at 9am arriving at Rich Stadium at 12 noon for the 1pm kickoff.

The bus will return to Ithaca following the game. All Buffalo and Miami fans welcome!

**NYC-RADIO CITY MUSIC HALL** - December 12 is the date for this very popular CRC trip. The cost is \$45 per person (\$50 for nonmembers) and includes transportation and reserved seating for the Radio City Music Hall Magnificent Christmas Spectacular. The bus will leave B Lot at 6am arriving in New York at 11am. The day is free for shopping and sightseeing. The Radio City tickets are for the 8pm performance. The bus will pick up the group near Radio City and return to Ithaca following the show. Be sure to call today to sign up for this annual event.

## Leadership Leads

by George Peter  
One of the most powerful experiences of my life was attending the conference sponsored by the American Indian Program at Cornell. The theme was, "The Iroquois Great Law of Peace and the United States Constitution." The conference provided strong evidence of the influence of the Indian form of government in our own Constitution. And the proof is very great.

The conference very well could have been billed as a conference on leadership. An impressive part of the program was a talk on how the clan-mother selects a chief and the instructions she gives to that leader. He has to be kind, gentle, compassionate, fair, understanding, not selfish, not greedy and he must be willing to serve his people. It is important that he respect the dignity of the individual.

The way you recognize the chief's home in a village is that it usually is the most humble. He goes without to help his people. The meaning for the word chief in their language is translated as "he who is of the nice -- the good man."

### Notice: Employee Assembly Vacancy

The Employee Assembly is seeking interested persons for one vacant seat for Endowed-At-Large, term to expire May 1, 1988.

Petitions are available in the Assemblies Office at 165 Day Hall.

Deadline for returning petitions to the Assemblies Office is October 1, 1987.

Call 5-3715 for more information.

### Peony Sale

Sunday, October 4, 1-4pm, Peony sale at Cornell Plantations. Planting demonstrations and cultural information available. For more information call 5-3020.

## EMPLOYEE "SUGGESTION BOX"

Do you have any suggestions which would make Cornell a better working/learning/living environment?

Write them down so they will be heard!

Suggestion: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Campus Mail to: Chair, Employee Assembly Assemblies Office 165 Day Hall

## FOCUS on the Employee Assembly

by Judy McPherson  
How much "time" do Employee Assembly (EA) members commit to the University governance system? A reasonable estimate would be a bare "minimum" of 6-10 hours per month. The determining factor for "maximum" time committed varies depending upon each individual's level of participation and commitment to the quality of life for all staff, faculty and students at Cornell.

EA members are dedicated to serving your needs and the needs of Cornell University and its community. Members are required to attend twice monthly Assembly meetings (3.0 hrs.-mo.) and once monthly meetings with Cornell University senior administrators (1.5 hrs.-mo.). In addition "required" of all members, is participation on at least one additional standing committee (1-4 hr.-mo. depending on committee). Most EA members find themselves on more than one, sometimes several, committees or legislative bodies affecting staff, faculty and students alike. Although not required, support and attendance is expected when possible at EA sponsored meetings (ie. Brown Bag Luncheons (BBL) twice monthly 2.0 hrs., etc.).

Other time factors encompass additional unscheduled meetings as the need warrants, and, occasionally, those unexpected, last-minute, meetings which come about to resolve urgent matters. Writing, reading, preparation of meeting material, telephone conferences, etc. are all a must if one is to participate effectively in University governance. Very "ac-



tive" members participate frequently in oral and written communications with Cornell University employees on a one-to-one basis and with the University community as a whole.

Members of EA and administrators of Cornell University encourage you to participate in decision making processes affecting all of us... by serving on a University committee, by attending Employee Assembly meetings and becoming involved in discussion when topics are of special concern to you or someone you know, and by running for election to the Employee Assembly in 1988.

For additional information please contact the Employee Assembly Office at 5-3715.

# Unclassified Ads

1. Please submit all unclassified ads to Networking Unclassifieds, 240 MVR - no phone calls please.
2. For our information your name and campus phone number MUST be submitted with ads. Otherwise your ad will be omitted.
3. Any ads that are hand delivered to 240 MVR Hall will be omitted. Send through campus mail ONLY.
4. All unclassified ads are free of charge to Cornell faculty, staff and students and will be printed in the order received as space permits.
5. Please limit your ad to 30 words or less. If an ad is longer than 30 words it may be shortened by the Networking staff.
6. Unclassified ads are for nonbusiness purposes only.
7. The deadline for the October 15th issue is October 5th.
8. If an error appears in your ad, please resubmit the ad to be published in next available Networking.

## For Sale

- 1986 Z-28 T-top, 14k miles, loaded, \$14,765. Bernie 5-6143 or 564-9375.
- 1981 Honda 200 motorcycle, good cond. 273-5461 after 5pm.
- 1980 Honda Civic DX, 77k miles, zippy car, good gas mileage, new radial tires, \$1400. Linda 5-7343 days or 257-0327 eves.
- 1980 VW Rabbit, 4-dr, automatic, air, AM-FM cassette, new parts, runs great, \$2,250 neg. Krystof 257-5675 or 5-4789.
- 1978 Dodge Magnum XE, T-top, white, AC, needs some body work, \$1,200. 5-7900 after 4pm 844-9584.
- 1978 Plymouth Volare, 4-dr, 6 cyl, good performance all season, city-road, new starter, alternator, battery, just rebuilt automatic transmission, \$1,300 neg. Pedro 5-1719.
- 1978 Subaru GF 3-dr, 5-spd, tan coupe, AM-FM, plus 2 snow tires, 76k miles, good cond, runs well, \$700. Cliff 5-9134 or 273-8563 eves.
- 1978 Dodge Monaco, no rust, Florida car, 4-dr, AC, PS, PB, CB radio, power windows and locks, new radials all around, asking \$1600. Bonnie 5-5650 or 272-3054 after 5pm.
- 1978 Toyota Corolla wagon, good engine and frame,

Send all ads to Donna Updike, 240 MVR  
Send in campus mail only.  
No phone calls please.

- body rusty, asking \$500. 272-0489 eves or 5-9565 days (leave message for Russ).
- 1977 Plymouth Volare, 88k miles, power steering, just inspected, runs great, \$750 OBO. 257-7349.
- 1977 Chevy Suburban, Arizona vehicle (no rust) with low mileage, trailer package, AC, 454 engine, \$5,500. 257-7757.
- 1976 Yamaha trials motorcycle 250cc, exc cond, asking \$500. Bruce 5-8036 or 272-7295.
- 1976 Subaru wagon, 4-spd, white, 75k miles, Donna 5-5014 or 257-1458 eves.
- 1976 Mustang, 4 cyl, standard, no rust, \$1,200 OBO; 1976 Nova, \$200. 564-9375 or Carol 5-8545.
- 1974 Dodge V-8 tradesman van, new tires, battery, starter, many new parts, rocker panels, wheel wells not rusted, \$1200. 277-1948 eves.
- 1971 Dodge Charger, 318, definite winter rat, possible parts car or restore, rusty bus runs. Pat 5-5863 or 273-8544.
- 71 Chevy C-10 for parts, cheap; 74 Chevy C-10, 305, At. With cap, exc, \$900; 74 Cat Cheetah 340cc, exc, 73 for parts, \$700 both, looking for newer Pantera-Tigre. 5-2966 after 5pm or 844-8532 before 3pm.
- Ford 2000, 35 HP tractor, \$2,400; 1000 lb capacity scale, \$75; Greek, entruscan and Roman pottery, \$65 and up per piece, Marmora 1-546-9861.
- Sailboat, 23 ft, fully equipped, good cond, 3 sails, head, galley, sleeps 4, outboard motor, winter trailer, slip, extras, \$4000. 5-7843 or 257-5314.
- Schwinn Tornado bicycle boy's age 5-9, \$55; tablelamp, large white ceramic used 1 yr, was \$80, not \$40; new soup tureen with platter, \$15; misc toys, children's books, clothing, 257-0833 eves and weekends.
- Lotus Beach Pedaler Mountain bike, brand new, never used, \$200. 347-4911.
- Unisef (Japan) AM-FM-Tape car stereo in original packaging (used only once), \$45 when new, asking \$35.
- Patrick 5-6706 days or 257-7079 eves.
- 5 HP Yardman riding lawn mower, \$200 firm. (607) 659-7486 after 8.
- 8 new mobile home tubeless 14.5" rim tires at \$49.95 pr. Marie 5-5459 M-F 8:30-4pm.
- Almost moving, have 33-piece plate set (Japanese), \$25; comfort armchair, \$15; large study table, \$25; rustic TV shelf, \$25; girls bikes, crib, humidifiers. Nanci aft-eves 257-1449.
- Moving sale, twin bdrm furniture, wardrobe, folding chairs, kitchenware, bedding, yard tools, misc. 272-5808.
- Sohmer spinet piano, mahogany case, good cond, \$795. 594-2849 after 6pm.
- Queen-size bed (mattress, box spring, frame) good cond, \$50; large dorm-style refrigerator-freezer, exc cond, \$85. Michael 5-1158 or 273-9405.
- Queen size bed, metal frame, boxspring and mattress, good cond, \$75. 272-0568 or 5-5265.
- Nike track shoes, new, cheap. Teresa 3-2450 or campus mail 4254 Balch.
- Black leather cycle jacket, zippered side vents and sleeves, zip-out lining, size small, like new, cost \$100, will take \$50. Dot 5-3152 or 272-4271.
- Victorian sofa; youth's matching desk, chair, dresser and mirror; round dining room table; provincial arm chair; Cornell chair; flute; Bach trumpet, 257-0671 eves.
- Colonial sofa and chair, \$150; wooden shutters, 3 pr, 47" L, 1 pr, 39" L, \$400 each pr; 5 gallons Ward's best exterior paint, Peacock blue, \$3,500. 5-3930 or 844-9869 after 6pm.
- 4 drawing-map drawers, 3 ft wide; 2 legal-size file drawers, \$50 OBO. 539-7930 leave message.
- Rosewood 4-drawer chest with legs, 41.5"x20"x31.5" (high), exc cond, \$95. 272-0568 or 5-5265.
- Beautiful bassinet, \$50; newborn scales, \$7; infant carrier basket, \$15; musical mobile, \$4; stuffed animals, \$1-5. Krystof 257-5675 or 5-4789.

- Washer, Kenmore portable, \$100. 5-1003.
- Maytag portable dishwasher with butcher block top, exc cond, \$100. 257-2108.
- Authentic handmade Indian rug, 27"x37", \$600. 272-0947.
- IBM Selectric 1 typewriter, mint cond, \$100. 273-0791 after 5pm.
- Manual typewriter with carrying case and pad, Smith corona, good cond, \$30. 272-0568 or 5-5265.
- Guinea Pigs from show quality stock, Teddies and Peruvians, assorted colors, prices start at \$5 each. 257-2420 after 4pm.
- Handsome chestnut gelding, quiet, well-mannered, \$650 OBO, 564-9375.
- Two bdrm mobile home with two porches, in small park on Rte 96 (Tomtran line), new carpet, hot water heater and livingroom paneling. 273-7968 anytime.
- House in Etna, 8 Etna Lane, 6 miles from CU on Tomtran busline, 3-4 bdrms, 1 1-2 baths, fireplace with Buckstove insert, remodeled throughout, large double lot, exc barn-garage, \$82,900. 347-4609 or Lenny at Village RE.

## Wanted

- Bowlers for Tuesday night mixed league, 8pm. Cathy Dyess 273-4111 or Jim Russell 257-5904.
- Brushhog and operator for yard work. Pat 5-5479 or 272-5808.

## For Rent

- FOR RENT Large 2 bdrm duplex in Freeville, large yard, porch, \$375. 844-9745 after 6pm.
- Sublet one bdrm apt. avail Oct 1, quiet neighbors, on bus route, 3 miles to CU, \$380 plus utilities. Mark 5-1770.

## Carpool

- Geneva employee who lives in Ithaca would like to carpool to-from Geneva with others. 257-2329.

# Employee Calendar

Events of Particular Interest to Cornell Employees

- Saturday, September 26. Employee Day, Cornell vs. Colgate football game and chicken barbecue.
- Saturday, September 30. Brown Bag Lunch, 12 noon, Room 105, Space Sciences Building. Guest speaker Joycelyn Hart, associate vice president for Human Relations.
- Saturday, October 3. Winery Tour of Taylor-Great Western winery in Hammondsport. For reservations, call the CRC Office before September 29.
- Saturday, October 3. Shopping spree to Reading, PA. For more information call the CRC Office, 5-7565.
- Sunday, October 4. Peony sale at Cornell Plantations, 1-4pm. For more information call 5-3020.
- Sunday, November 29. Buffalo Bills vs. Miami Dolphins football game. Call the CRC Office, 5-7565, for more information.
- Saturday, December 12. NYC-Radio City Music Hall trip planned. Call the CRC Office for more information.

## Networking

### Deadlines

- October 5 for October 15
- October 19 for October 29
- November 2 for November 12
- November 16 for December 3
- December 7 for December 17
- January 4 for January 14
- January 18 for January 28
- February 1 for February 11
- February 15 for February 25
- March 7 for March 17
- March 28 for April 7
- April 11 or April 21
- April 25 for May 5
- May 9 for May 19
- June 9 for June 23
- July 7 for July 21

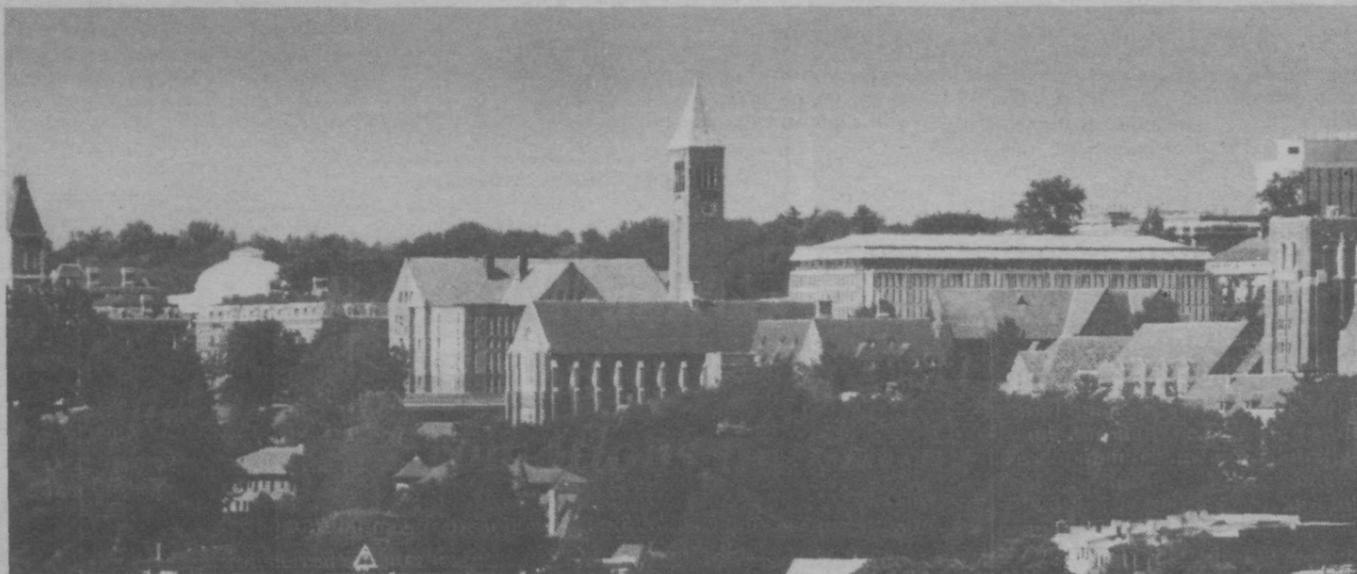


Photo by Charles Harrington

# Extra Phone Directories on Sale at Campus Store

Due to continually escalating printing and distribution costs, the Department of Telecommunications will be reducing the quantity of free Staff and Student Telephone Directories distributed to campus offices this year.

Each department will receive one Staff and one Student Directory for each installed telephone. Except for very small

departments, a minimal coverage will be included in the distribution. These directories will be distributed through each department's established telecom coordinator. Ithaca NYNEX directories will be distributed in the same manner when they arrive.

If additional copies of the Staff or Stu-

dent directories are needed, they will be available in the Campus Store for \$2, each. Additional Ithaca NYNEX directories will be available directly from the Department of Telecommunications, with price based on individual order size.

If you have any questions, please contact Judy VanDermark at 5-5502 or Katherine Drake at 5-3305.

# EAP

## Stress and How You Manage It

The world seems to have increased its pace as it shrinks in terms of communications. We get more information, travel greater distances, move more times, and take on more varied responsibilities than in the past. How can we cope with the various roles we play as workers, homemakers, parents, friends, and spouses, while still caring for ourselves and keeping our stress level manageable?

There are many causes for the stress we feel in our every-day life. These include:

1. any change, or transition whether small or large, happy or sad;
2. an inability to manage our time in a way that keeps us calm;
3. too many demands at once, including trying to fill the expectations of others;
4. high expectations for our own performance such as having perfectionistic ideals, burning the candle at both ends, existing with the help of "chemicals" (i.e., sugar, caffeine, alcohol, or drugs), ignoring need for rest and relaxation.

Keeping control over your own level of stress is a big responsibility. You can do this by:

1. Monitor how you talk to yourself - think about your self-talk; if it is always negative, try to give yourself credit where credit is due;
  2. Set aside time to spend alone doing whatever you enjoy for a few minutes each day;
  3. Manage your time so that you work and play at certain times, with various family and friends;
  4. Learn to say "no" in an assertive, not an aggressive way.
- If stress becomes overwhelming, you can think of ways to take care of yourself. For instance:
1. Shorten up your goals temporarily and take one day at a time;
  2. Take time out to be quiet and to relax;
  3. Use techniques that usually help you calm down;
  4. Exercise regularly;
  5. Consider your options for changing things.

If stress seems unmanageable, it may be useful to talk to an uninvolved person. The Employee Assistance Program at Family and Children's Service is free, confidential, and available to Cornell University employees and their families. Call us at 273-1129.

# Joycelyn Hart Guest Speaker at First Brown Bag Luncheon

First Brown Bag Lunch for this semester will be held at 12 noon, Sept. 30, Room 105, Space Sciences Building. Guest speaker Joycelyn Hart, associate vice president for Human Relations. Light snack and beverage served by sponsors Employee Elected Trustee and Employee Assembly.

## Editorial Board

- Donna Updike
- George Peter
- Theresa Vanderhorn
- John Bender
- Dominic Versage
- Jim Kuehl
- Peg Landau
- Nancy Simmons
- Aun Marcham
- Margaret Seacord

UNIVERSITY PERSONNEL LIAISON  
Laurie Roberts

PRODUCTION  
Cheryl Seland

COMMUNICATION COMMITTEE OF  
EMPLOYEE ASSEMBLY

- Joan Heffernan
- Dwight Widger
- Judy McPherson
- Alberta Callihan
- Bill Staffeld
- Ken DeDominicis