

# Cornell CHRONICLE

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Schuyler Pratt, '25, leads the Class of '44 marching band in Barton Hall during Reunion Weekend.

Doug Hicks

## Eban, Rhodes speak during Reunion

Alumni who returned to campus for their reunions June 8 through 11 heard former Israeli Ambassador Abba Eban praise the United States for opening talks with the Palestine Liberation Organization, heard a 1969 graduate describe the late 1960s at Cornell as a time when black students "tried to reconcile where we came from with where we ended up" and heard Cornell's president urge the university to become "not bigger, but even better."

More than 5,000 alumni and their families participated in a Reunion Weekend of lectures, panel discussions, concerts, receptions and athletic events. During his State of the University Address, President Frank H.T. Rhodes said that members of the reunion classes had pledged \$13 million in gifts to the university, "an extraordinary commitment."

On June 9, a near-capacity audience in Bailey Hall heard Eban, former ambassador to the United States and to the United Nations, urge Israel to trade occupied territories for peace.

Calling the Middle East a land of two histories, two languages, two faiths and two aspirations, Eban said the region must become a community of Israelis, Palestinians and Jordanians, similar to the European federation of sov-

eign nations.

"We have 100 percent sovereignty in 100 percent of the territory where we agreed to share" when Israel was founded in 1948, Eban said. "The enemy of Middle East peace is 100-percentism. We have to commit ourselves to untidy compromises."

Eban praised the United States for beginning talks with the PLO, and he discounted criticism that the PLO's less belligerent rhetoric is insincere.

He maintained that Israel always will be in a state of war as long as it remains an occupying force and that a democratic state cannot indefinitely sustain the occupation of others' land. The occupation of the West Bank is "weakening our economy, distorting our image and eroding our values," Eban said.

Also on June 9, a six-member panel discussed "Reflections on the Late Sixties at Cornell: Winds of Change — Seeds of a New Future" in Willard Straight Hall's Memorial Room.

Reuben Munday, a 1969 Cornell graduate who participated in the Willard Straight Hall takeover, is now chair-

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## Forum to explore gene engineering of farm animals

Cows as "factories" for scarce drugs, disease-resistance genes, in vitro fertilization and gene targeting of embryonic cells are among the topics to be covered in an international symposium at Cornell from Sunday, June 25, through Wednesday, June 28, on transgenic animals — those incorporating new genes, often from other species.

The Second Symposium on the Genetic Engineering of Animals is sponsored by Cornell Biotechnology Program and supported by U.S. Department of Agriculture, the National Science Foundation and a number of companies. It is expected to draw several hundred scientists from government, corporate and university laboratories. The first such symposium was held at the University of California at Davis in 1985.

"This meeting will document progress in genetic engineering of agriculturally important animals — from cattle, poultry and swine to fish and laboratory animals," said William Hansel, chairman of the local and national organizing committees for the symposium and the Liberty Hyde Bailey Professor of Animal Physiology.

He said advances that will be of particular interest to scientists at the meeting are in the areas of:

- In vitro fertilization and subsequent development of embryos from the blastocyst stage. The blastocyst, or blastula, stage is one of the earliest and most critical in the life of a developing embryo, Hansel explained.

- Insertion of genes in pluripotent embryo stem cells. Pluripotent stem cells are undifferentiated, identical cells that have yet to gain special functions in the developing organism; if removed early enough from the embryo and modified with the insertion of foreign genes, the stem cells can be reintroduced into embryos which become chimeras (or mixtures of desirable genetic traits) and may result in pure lines of transgenic animals, Hansel noted. The potential now exists to generate many desired genotypes.

- Site-directed mutagenesis, which gives genetic engineers more precision in targeting particular genes for beneficial mutations.

He said that discussions of genes for disease resistance are expected to concentrate on producing vaccines by genetic engineering technologies and on using viruses to insert genes in animal cells. The use of dairy cows, sheep and goats as "factories" to produce pharmaceuticals and hormones is another exciting possibility, he added.

So far, genetic engineers have succeeded in producing transgenic pigs, poultry, fish, ruminants and small laboratory animals such as mice. Characteristics of these animals will be discussed at the symposium. A project now underway at the university under the sponsorship of the Cornell Biotechnology Program aims at using stem cell culture techniques to produce transgenic rabbits and cows.

*— Roger Segelken*

## BTI given permission to test genetically altered insect virus

The U.S. Environmental Protection Agency has given approval to the Boyce Thompson Institute for Plant Research to conduct the first field test in the United States of a genetically engineered insect virus.

In a notice to the institute, the EPA said, "The agency has determined that the proposed testing poses no foreseeable human health or environmental hazards."

The EPA also announced that it will finance the field test over the next three years with a \$240,000 grant. As this issue of the Chronicle went to press, the New York State Department of Environmental Conservation was completing its review of the test.

The virus is identical to naturally occur-

ring strains, except that it has been genetically disabled so it cannot survive long in the environment. The test is designed to measure the survival time of the disabled virus under natural conditions, according to H. Alan Wood, a BTI virologist who will direct the test. He added that the researchers' novel approach to disabling the virus could be applied to development of a wide range of genetically enhanced viral pesticides that are environmentally safe.

The field experiment will involve three virus applications: one in mid-July, a second in August and a third in September of this year, said Wood. Collaborating in the test is Cornell entomologist Anthony M.

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## Summer Session opens June 26; theme celebrates French Revolution

"Revolution" is the Summer Session theme, marking the bicentennial of the 1789 French Revolution. Lecture and seminar topics will include the American Revolution's effects on women, and current revolutions in marriage, art, sports medicine and U.S. demographics. Les Petits Chanteurs de Lyon (The Young Singers of Lyon) will perform in Sage Chapel at 8:15 p.m. on Friday, July 14, Bastille Day.

The weekly calendar of events from Monday, June 26, through Friday, Aug. 4, includes classical con-

certs on Mondays, "great books" discussions and outdoor concerts on Tuesdays, lectures on Wednesdays, and noontime seminars, arts performances and outdoor concerts on Thursdays and Fridays.

The six-week session opens with a welcoming reception on Monday, June 26, from 4 to 6 p.m., featuring Peggy Haine and the Lowdown Alligator Jass Band.

Outdoor concerts are scheduled for Tuesdays and Thursdays on the Arts Quad beginning at 7 p.m. Per-

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## Notables

Fishery scientist **Charles C. Krueger** was elected chairman of the Great Lakes Fishery Commission at the commission's annual meeting in Montreal. Krueger, an assistant professor of natural resources, was named to a four-year term on the commission by former President Reagan in 1988. He was the first scientist named to the commission since it was established in 1955 to promote Great Lakes fishery resources. Among the commission's major concerns is the restoration of lake trout and the control of sea lampreys. The commission has four U.S. and four Canadian members.

Rural sociology Professor **Frederick H. Buttel** has been named president-elect for 1989-90 of the Rural Sociological Society and will serve as its president in 1990-91. A member of the faculty of the New York State College of Agriculture and Life Sciences since 1978, Buttel is currently chairman of the biology and society major in the university's Program on Science, Technology and Society.

Three candidates for doctoral degrees at Cornell were among 13 students at graduate schools across the country to win Ford Foundation Rural Policy Fellowships worth up to \$18,500 plus tuition for a year of full-time research and writing. The Cornell winners are **Shelley Drazen**, education, **Luin Goldring**, rural sociology, and **Kris Wernstedt**, city and regional planning. Cornell was the only school this year with more than one recipient of the annual fellowships.

Cornell News Service science writer **Yong H. Kim** has won the top award for newspaper articles in the 1989 Critique and Awards Program of the Agricultural Communicators in Education, a nationwide organization established in 1913. Kim will receive the Superior Award at the July 17 annual meeting of ACE in Portland, Ore.

## Executive committee to meet in New York City

The Executive Committee of the Cornell Board of Trustees will meet in New York City on Thursday, June 29, at 2 p.m. in the Executive Faculty Room (A-126) of the William Hale Harkness Medical Research Building at the Cornell University Medical College, 1300 York Ave.

The 1990-91 capital and operating budget requests for the university's state-supported units are among the financial, facilities, and personnel matters that the Executive Committee will consider.

A limited number of tickets for the open session will be available beginning at 9 a.m. on June 27 at the Information and Referral Center, Day Hall Lobby.

## Hoffmann to receive nation's highest honor in chemistry

The 1990 Priestley Medal of the American Chemical Society, the nation's highest award in chemistry, will go to **Roald Hoffmann**. Announcement of the award was made June 2 by the Washington, D.C.-based professional society.

The medal was established in 1922 in honor of Joseph Priestley, the British-born discoverer of oxygen who emigrated to the United States in 1794. The gold medal prize for distinguished services to the science of chemistry will be presented to Hoffmann at the April 1990 national meeting of the American Chemical Society in Boston.

Hoffmann, the John A. Newman Professor of Physical Science and a member of the faculty since 1965, is being honored for his major contributions to chemistry during the past 30 years. He is the "Hoffmann" in the Woodward-Hoffmann rules for the conservation of orbital symmetry in chemical reactions. These rules profoundly reordered the thinking in organic chemistry when they

were published in 1965.

In 1981, Hoffmann shared the Nobel Prize in Chemistry with physics professor Kenichi Fukui of Kyoto University for some of the work honored by the Priestley Medal.

The American Chemical Society cited as another "distinguished service to chemistry" a series of half-hour television programs, "The World of Chemistry," of which Hoffmann is the host. Created at the University of Maryland, the series is due to air on public television and cable channels in 1991 and will be available this fall on video cassettes.

At Cornell, Hoffmann spends half his time teaching general chemistry and this fall will teach a one-semester course for non-chemists. Among his books are "Solids and Surfaces" (1988) and two volumes of poetry, "The Metamict State" (1987) and "Gaps and Verges," to be published in 1990.

—Roger Segelken

## Four high school teams win supercomputing contest

The winners of the 1989 national SuperQuest competition that introduces high school students to supercomputing have been announced by the Cornell National Supercomputing Facility, which has taken over the program from ETA Systems.

The winning teams will mount supercomputer studies of airplane wings, eye surgery, traffic lights, black holes, robots, medical X-rays, brainlike computers, colliding galaxies and island ecology.

With support from International Business Machines Corp. and the National Science Foundation, SuperQuest 1989 will offer supercomputing training and access to four winning teams: Clear Lake High School in Houston, Tex.; Illinois Mathematics and Science Academy in Aurora, Ill.; Montgomery Blair High School in Silver Spring, Md.; North Carolina School of Science and Mathematics in Durham, N.C.

Teams from six schools received honorable mentions, and five individuals were given special recognition for their projects.

The winners will receive about \$200,000 in IBM workstations and equipment, and all the awardees will attend a 2 1/2-week, expense-paid training course at Cornell.

The winning teams of a teacher-coach and three or four students will then return to their schools to carry out their projects, accessing the CNSF supercomputers over computer networks. "We're extremely

pleased that we are able to continue this program that has already sparked interest in supercomputing among thousands of high school students," said CNSF Director Lawrence Lee in announcing the reactivated program.

"With this program, we are giving some of the nation's finest students and teachers access to the same supercomputing resources used by the world's pre-eminent scientists and engineers," Lee said.

The finalist teams were chosen from some 75 entries by a committee of scientists and educators convened by the Educational Testing Service of Princeton, N.J.

The first SuperQuest competition was announced in 1987 by ETA Systems, a supercomputer subsidiary of Control Data Corp. SuperQuest was cancelled last spring when ETA Systems went out of business.

This year's summer training institute is scheduled for July 5 to 21.

The teams and individual students will receive training in ANSI FORTRAN 77, advanced computer graphics and basic numerical methods. They also will be aided by CNSF staff in developing and implementing their programs on the CNSF's two IBM 3090-600E supercomputers.

On July 21, the students will deliver presentations on their projects to an audience of scientists and engineers.

—Dennis Meredith

## Hotel School receives \$250,000 from Adolph Coors Foundation

The Adolph Coors Foundation has given \$250,000 to the School of Hotel Administration to assist with the cost of constructing the Vance A. Christian Beverage Management Center.

The center, one of the school's most innovative modernization efforts, will provide a teaching facility designed as a learning lab.

Two Coors Foundation trustees, Joseph Coors and Peter Coors, discussed the gift when they attended their class reunions at Cornell June 8 through 11.

"We believe that the school's graduates should be as informed as possible regarding beverage management," Peter Coors commented during informal meetings with Hotel School Dean Jack Clark and Professor Steve Mutkoski, the Banfi Vintners Professor of Wine Education and Management and director of the center.

Mutkoski said the gift represents the last major gift to build the center. "With these new facilities, we hope to develop new teaching tools — such as interactive computer-video programs — that will give our students the opportunity to explore in-depth a wide range of beverage management issues," he said.

Christian, an internationally known wine expert, was the first Banfi Professor at the Hotel School from 1978 until his death in 1984, but his tenure at Cornell stretched

over 23 years. He edited "Introduction to Wine and Other Social Beverages," a manual for students and industry professionals; he wrote numerous articles on wine education; and he conducted seminars and workshops on merchandising and wine service.

The Coors family, brewers of beer in Colorado since 1873, has sent three generations of students to Cornell.

"My grandfather came to the United States from Germany when he was an 18-year-old orphan," Joseph Coors said. "For his son — my father — he wanted a good education."

"In those years, there was not much education excellence in the West, and my grandfather believed in broadening experiences for his son. So he sent him to prep school in Ithaca and on to Cornell, where he graduated in 1907 in chemistry."

All told, six members of the Coors family, based in Golden, Colo., in the foothills of the Rocky Mountains, have graduated from Cornell.

For Joseph Coors, vice chairman of Adolph Coors Co., June marked the 50th reunion of his class in which he earned a degree in chemical engineering. For his son Peter Coors, president and chief executive officer of the company's brewing division, it was the 20th reunion of his graduation as an industrial engineer.

—Albert E. Kaff

## Briefs

■ **Earn while learning:** Volunteers are needed to be taught the Japanese language in an annual four-week seminar that trains teachers from around the country to teach Japanese. An honorarium will be paid to the volunteer students who complete the course, scheduled from June 28 through July 21. Classes meet from 9:30 to 11:30 a.m. daily. For more information and to volunteer, call Susan Rogers in the Department of Modern Languages and Linguistics at 255-0734.

■ **Experimental College:** The summer session of Cornell's Experimental College, which offers non-credit leisure courses in arts, music, crafts and other special interests, will run from July 3 through Aug. 5. Registration and details are available at 538 Willard Straight Hall, or by calling 255-9612. Fees range from \$10 to \$70.

■ **No exit:** Exiting from the Parking Garage to Schoellkopf Drive via the ramp and driveway at the north end of the garage is prohibited. Drivers using this entrance ramp to exit the garage will be ticketed. There is both egress and ingress at the south end of the garage which faces Campus Drive.

■ **Campus apartments available:** Two furnished apartments in Sage Hall, formerly reserved for visiting professors-at-large, can be rented by the week or the month. Each of the apartments has a kitchen, bedroom, bath, living and dining rooms and a study and comes with a telephone and parking permits. Professors-at-large still have first priority, followed by official guests of the university, personal guests of faculty or staff and alumni. To inquire about making a reservation, call Gerri Jones at 255-0832.

■ **Major exhibit:** The first major exhibit of oil paintings on canvas and on paper by Miriam Hitchcock, assistant professor of art, is scheduled from Wednesday, July 5, through Saturday, Aug. 19, at the New Visions Gallery, 110 N. Cayuga St., Ithaca.

■ **Folk guitar lessons:** Phil Shapiro will give six one-hour group folk guitar lessons in the North Room of Willard Straight Hall beginning on Monday, June 26. Students will register at the first session and pay a \$25 course fee. A beginners' class will start at 7 p.m. for those persons who have never played or who have played just a little. Intermediate classes will be held at 8 p.m. and are for those with some experience who want to learn finger picking. The class also includes an introduction to improvisation. For details, call Shapiro at 844-4535.

■ **Women's Studies board:** Thirteen faculty, students and staff have been elected to the executive board of the Women's Studies Program in the College of Arts and Sciences and will assume their duties this fall. The six new faculty members are David Bathrick, Debra A. Castillo, Francille Firebaugh, Haryette Mullen, Meredith Small and Lynn Smith-Lovin. The five new student members are Jocelyn Anker, Elisa Goldberg, Lisa Moore, Sashah Torres and Stacey Young. Cornell staff members elected to the board are Denice Cassaro and Brenda J. Martson.

■ **Road closed:** Schoellkopf Drive in front of Lynah Rink and the new fieldhouse under construction will be closed for reconstruction June 26 through about July 15. Access to the Lynah and Teagle Hall parking areas and the Biotechnology Building will still be possible from the west, off Garden Avenue via Schoellkopf Drive.

■ **Turfgrass field day:** Cornell's Turfgrass Field Research Laboratory off Warren Road will be the site of an outdoor program on Thursday, June 22 for between 300 and 400 professionals from throughout New York state. The event is sponsored by Cornell Cooperative Extension and county Cooperative Extension Associations throughout the state.

■ **Meals with Morley:** The final lunch this semester for employees to meet with Senior Vice President James E. Morley Jr. will be at noon on Friday, June 30, at the Statler Hotel, and not on June 12 as previously listed in this column. Employees may call the Office of Human Resources at 255-3621 for a reservation.

## Cornell Chronicle

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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, \$20 for six months; \$38 per year. Make checks payable to Cornell Chronicle and send to 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 University, 840 Hanshaw Road, Ithaca, N.Y. 14850.

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# Composer Steven Stucky catapulted into fame

"New music is novelty-oriented: They want the newest, youngest talent. You can't take too seriously the praise and the publicity," said composer Steven Stucky, 39, who has been applauded by audiences around the country, commissioned to write a half-dozen works in the next couple of years and recently was one of five Americans selected to compose a work for Carnegie Hall's centennial in 1990-91.

"The trends don't mean anything. Writing good music is still the reward," said Stucky, an associate professor of music.

In the 30 years that he has been composing, Stucky has received numerous commissions, prizes and grants. But in 1987, he was "discovered."

Andre Previn, music director of the Los Angeles Philharmonic Orchestra, listened to Stucky's "Dreamwaltzes." He liked it and scheduled his orchestra to give a performance of the work. Later, he helped Stucky win a two-year stint as a composer-in-residence with the orchestra through the Rockefeller Foundation's nationwide Meet the Composer program.

"It's ironic," Stucky said. "I didn't suddenly get to be a better composer. But because someone else put a seal of approval on my work, they're playing it."

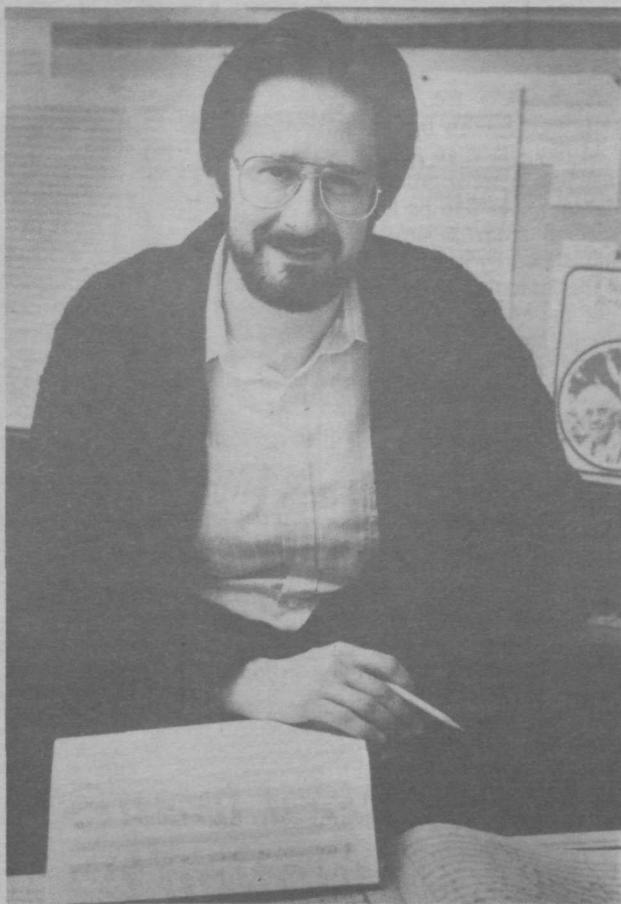
Stucky's most recent compositions are his 28-minute "Concerto for Orchestra," a piece for wind ensemble called "Threnos" and another orchestra work titled "Son et lumiere." His composition for Carnegie Hall will be performed there in September 1990.

Although the price of this notoriety is regular flights between the Tompkins County and Los Angeles airports and the difficulty of composing while fulfilling duties in L.A. and at Cornell, Stucky looks on the experience as an "education [that will be] permanent."

When it's over, he means to return to a semblance of the life he led before. "My teaching is important and I want to come back to it full time," he said, but added that his students seem to prefer seeing him every other week. It gives them more time on their own.

Karel Husa, who holds the Kappa Alpha Professorship in Music, said Stucky's colleagues miss him but "we are happy for him that he is there. When one is that close to an orchestra, one understands it much better."

Stucky's duties in Los Angeles include helping Previn with programming. He's there as an advocate for "new music," which "doesn't mean Schoenberg or music of the 1950s anymore," Stucky explained. "The '50s are getting



Steven Stucky

Chris Hildreth

**WSKG-FM will broadcast Steven Stucky's "Dreamwaltzes," performed by the St. Louis Symphony Orchestra with Leonard Slatkin conducting, on Wednesday, June 28 at 9 p.m.**

farther away. It's really music of the last 20 to 30 years."

Of his own work he has said: "You don't make [music] with ideas, you make it with sounds. This is one reason why I find it so difficult to explain a piece of music. Its essence lies outside the realm of ideas . . . The sounds themselves, the notes, have their own sort of logic . . ."

To some audiences, this new kind of music sounds strange, disconcerting, but they are becoming more receptive to it — in part because of the composer-in-residence program that began in 1981, Stucky said. Still, programming is still highly political for every major orchestra.

"It's a matter of what will get people into the seats. Most of a season has to be booked the way people expect, and there isn't all that much leeway for innovations," Stucky said.

"Every week of the year, there will be certain familiar soloists and their repertory and guest conductors and their preferred pieces. The programs are set two, three, sometimes four years in advance.

"Los Angeles is better than most. These are not people who stop at [Anton] Bruckner; they know there's more to concert programming than Itzhak Perlman playing a Brahms concerto again."

The Los Angeles Philharmonic is the only American orchestra that has a series of concerts devoted entirely to "new music," and the orchestra will have played 42 works by living composers this season, Stucky said.

As composer-in-residence, he gives pre-concert talks that draw as many as 1,000 people.

"When concert-goers see you're a normal person close-up, it can help them relax and listen without being afraid," he said. "And for us, the composer becomes a part of the society, of the musical culture of the city."

"The L.A. orchestra is a very nice one to work with, and so unlike New York, where nobody likes anything!" he added. "The musicians there [in New York] are notorious: they show up, play their parts and go home. In Los Angeles, it's different."

Working with the Los Angeles Philharmonic has changed Stucky's writing, too, he said. He has become more aware of what's practical for a musician and what isn't. Rehearsals have helped him remember that "a composition is a set of directions for human beings to carry out actions, to think certain thoughts and feel certain emotions."

"Making music is not just making notations on paper."

—Carole Stone

# Physicists build tiny bridges to study electromagnetism

In an effort to understand electromigration, an important cause of the deterioration of the tiny wires connecting microelectronic components, Cornell physicists have devised a way to build tiny "nanobridges" about 15 atoms wide between metal contacts on a thin silicon membrane.

When current passes through these structures, researchers can observe the behavior of individual atomic defects in the bridges, such as disordered atoms or impurities in the otherwise ordered crystalline structure of the metal.

In electromigration, the "wind force" of electrons flowing past a defect in the metal structure eats away at the wires, somewhat in the way the flow of water in a stream past a rock can erode a stream bank. Engineers have alleviated the problem by adding impurities to stabilize the defects or by using different metals, but they still do not understand the phenomenon in detail.

"We can see far more details of the atomic processes in electromigration with this technique," said Professor Robert Buhrman, leader of the research group and director of the School of Engineering and Applied Physics. "In such small devices, we can see physical effects that are averaged away in large samples, so as to be unobservable."

He added that the researchers "expect to gain a greater insight into electromigration and other such physical phenomena, but whether this will pay off in practical applications, we can't tell at this point." Other members of the research team are graduate students Kristin Ralls and Daniel Ralph.

According to Buhrman, measuring changes in electrical conductance in such



Robert Buhrman observes the growth of metal film in a nanobridge experiment.

Chris Hildreth

tiny "nanomachined" devices can reveal the motion of even a single atomic-sized defect in the crystalline metal. The prefix "nano" means a billionth, referring to the billionth-of-a-meter size scales at which the scientists operate.

They are now reporting to their col-

leagues in scientific papers and at technical meetings that in their first results using the nanomachined nanobridges, they can clearly observe the electrical conductance of the sample randomly switch back and forth between two levels, as a single atomic-sized defect oscillates between two

configurations within the crystal.

An even more surprising finding to the Cornell scientists was that multiple defects in the tiny metal bridge can interact with one another even over long distances within the crystal — between 5 and 10 nanometers (billionths of a meter.)

"This shows there is no simple picture of these defects' behavior," Buhrman said. "They are entangled with each other, affecting each other's behavior over surprisingly long distances."

He explained that one theory of this interaction is called the "bedspring" model. In this model, the system of defects might affect larger regions of the crystal by producing an ionic elastic interaction that distorts the crystal structure, like the distortion in the connected bedsprings of a mattress when one is pushed down.

Buhrman terms the systems of defects "glassy," meaning that they behave more like an interacting set of randomly ordered components, like the atoms in an amorphous glass. These defects can "melt" and "refreeze" into different relationships, unlike what might be expected of atoms in the ordered crystal structure of a metal.

The Cornell scientists produced the nanobridges, also called "nanoconstrictions," in Cornell's Materials Science Center and at the National Nanofabrication Facility at Cornell. Both are supported primarily by the National Science Foundation.

"The ability to engineer these nanobridge structures means that they could become extremely useful probes into a wealth of physical processes on nanometer length scales," Buhrman said.

—Dennis Meredith

# Special parking, traffic rules in effect for June 30 fireworks show

With at least 20,000 spectators expected on June 30 for the traditional fireworks show on Schoellkopf Field, special parking and traffic plans will be in effect that night.

Cornell's parking garage and the Hoy Field parking lot will be closed for the fireworks show because of state regulations. The campus entrance from Route 366 also will be closed to Barton Hall.

University employees and construction workers are reminded that the parking garage and the Hoy Field and Phillips Hall

parking lots will be closed at 3 p.m. Friday, June 30.

All vehicles must be out of the garage and lots by 4 p.m. to comply with state fire-code regulations. The garage and lots will reopen at 8 a.m. on July 1.

All other parking at Cornell will be open free of charge, and extra city buses will transport spectators from downtown Ithaca to the campus.

Motorists are urged to observe all traffic, parking, and life-safety regulations while on

the campus.

A limited number of parking permits for the mobility impaired are available and may be obtained by contacting Marshall Downing at 272-3590.

Gates to the football stadium will open at 6:30 p.m. and the pre-fireworks entertainment will begin at 7 p.m. The fireworks display, staged by American Fireworks/Powerhouse Productions, will begin at about 9:30 p.m.

If the show is a go the evening of June

30, an aerial salute that can be heard for miles around will be fired every hour on the hour, starting at 2 p.m. In the event of severe weather problems, area radio stations will make special announcements, Benedict said.

The rain date for this year's show is Saturday, July 1. If the fireworks show is rescheduled for July 1, the same parking restrictions for the parking garage and nearby lots will be in effect Saturday afternoon and night.



## Slow-release formula tested for bovine growth hormone

An experimental slow-release form of bovine somatotropin has boosted dairy cows' milk production by more than 11 percent without any adverse effects on animal health.

The finding, based on the results of a long-term experiment conducted successfully at Cornell, represents a major step forward in developing more effective labor-saving, long-lasting hormone preparations for dairy operations throughout the country. Bovine somatotropin (bST) is known popularly as bovine growth hormone.

The prolonged-release formulation could eliminate the need for daily injections of bST into cows, thus resulting in large savings in labor, according to Dale E. Bauman, a professor of nutritional biochemistry in the College of Agriculture and Life Sciences. Bauman tested the formulation with scientists from Monsanto Agricultural Co. in St. Louis, which developed and provided the formulation for testing at Cornell.

Bauman was the first scientist to demonstrate that naturally occurring bST released by cows' pituitary glands dramatically increases production efficiency of high-producing dairy animals. BST can be produced in large quantities using genetic engineering techniques, and the Food and Drug Administration is expected to approve its commercial use within a year or so, he said.

The prolonged-release formulation contains 500 milligrams of bST per dose and is designed to release bST in the bloodstream over a two-week period. The hormone is injected into muscle and finds its way into the animal's bloodstream.

### Key findings:

- The slow-release formulation was just as effective as daily injections in boosting cows' milk production.

- Extra milk given by bST-treated animals averaged about 7 pounds per day, an 11.4 percent increase during the test that lasted for 252 days. The milk production during the 14-day period following an in-

jection increased progressively from day one through 7 and decreased from the 9th day on through the 14 day, Bauman noted. The 11.4 percent increase in milk production with the formulation appears to be less than would be expected from a similar quantity of bST administered by a series of daily injections, but the lessening is due to the "cyclic nature" of the animal response to the treatment, he explained.

- Components of the milk such as protein, fat and lactose, as well as nutritional quality and flavor, were the same as ordinary milk.

- BST-treated animals consumed more feed, but the overall feed efficiency (milk output per unit of feed) increased by 5 percent. All of the additional feed consumed went into producing more milk, thus accounting for the increase in feed efficiency, Bauman said.

- All animals remained in good health throughout the test and afterward. Conception rates and calving rates also were normal, Bauman said, adding, "No incidence of catastrophic health effects, such as ketosis or milk fever, was observed."

- All calves born to the animals were healthy at birth and grew normally afterward.

Bauman reported these and other findings in a scientific paper published in the March 1989, issue of the *Journal of Dairy Science*, the first such paper on the results of a long-term evaluation of a slow-release bST formulation. Co-authors of the paper, "Long-Term Evaluation of a Prolonged-Release Formulation of N-Methionyl Bovine Somatotropin in Lactating Dairy Cows," include Douglas L. Hard, Susan E. Franson and Gary F. Hartnell, all with Monsanto Agricultural Co.

Bauman's study was supported by the Cornell Agricultural Experiment Station at Ithaca, the U.S. Department of Agriculture and Monsanto Agricultural Co.

—Yong H. Kim



Chris Hildreth

Nutritional biochemist Dale E. Bauman checks a cow treated with an experimental slow-release form of bovine somatotropin (bST) in a long-term test conducted successfully at Cornell. The prolonged-release formulation of bST, known popularly as bovine growth hormone, could eliminate the need for daily injections of bST. In the Cornell test, it has boosted cows' milk production by more than 11 percent.

## New evaporator aims to boost profits in maple syrup

A maple sap evaporator that will boost syrup producers' profits up to 30 percent has been developed and successfully tested by John W. Kelley, director of Cornell's maple research and teaching.

The "vapor compression evaporator," now ready for commercial production, represents a major technological advance in maple syrup production, according to Cornell researchers.

By compressing steam and recycling heat generated while sap is being boiled down, the VCE makes the process more fuel efficient than running a traditional oil-fired, open-pan evaporator, said Kelley, an associate professor of natural resources in the College of Agriculture and Life Sciences.

Fuel costs for the open-pan evaporator represent about 34 to 50 percent of the overall sap processing cost, he added.

The United States annually produces about 35 percent of the world's maple syrup supply. Production is concentrated in Vermont and New York. Combined production for the New England states and New York this year is 890,000 gallons, valued at nearly \$25 million.

Other syrup-producing states — including Ohio, West Virginia, Michigan, Wisconsin and Minnesota — boost yearly U.S. production to about 1.6 million gallons.

With an average annual production of nearly 3 million gallons, Canada produces about 65 percent of the world supply; the production in Canada is concentrated in Quebec.

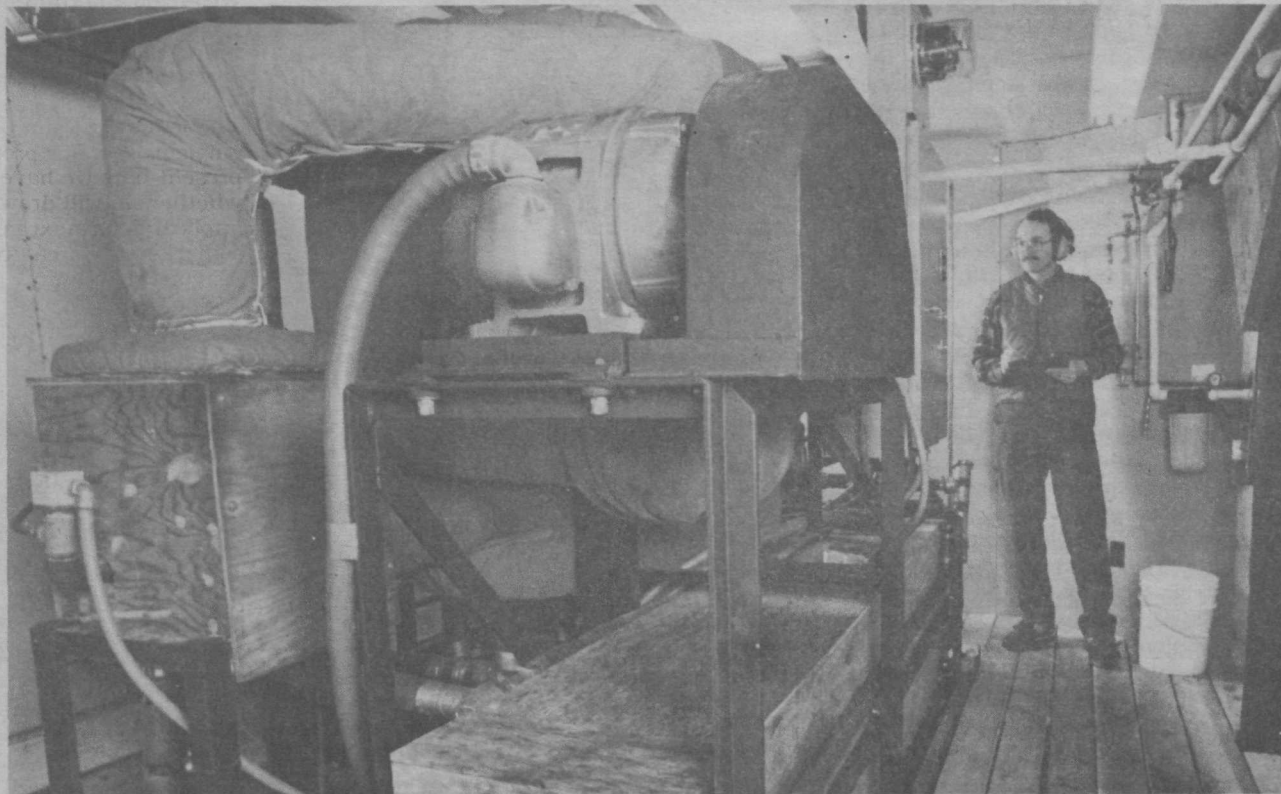
"Although maple syrup production has been more or less steady over the past decade, demand in recent years has exceeded the supply," Kelley said.

During the past three sap seasons, Kelley tested his system for removing water from sap at Cornell's Uihlein Sugar Maple Research and Extension Station at Lake Placid, N.Y.

The maple research and demonstration facility, which has some 200 acres of sugarbush, is administered by Kelley and operated by Lewis J. Staats, a maple specialist of Cornell's Department of Natural Resources. The new evaporator is designed to condense sap to a sugar density of 15 percent or more. During this phase of the process, it removes 58 percent of the water from the sap. This partially processed sap is run through the traditional open-pan evaporator to remove another 6 percent of water resulting in standard density syrup with 66 percent sugar and 34 percent water.

"This final step with the conventional evaporator, which operates at higher temperatures than the VCE, is necessary to develop the traditional maple syrup flavor and color," Kelley explained. "The quality of syrup thus produced, in terms of color and flavor, among other factors, is just as good — or better — than that produced through the traditional method alone."

The prototype was designed and built by Steven Dorsey, an engineer and owner of Modern Evaporator Co. in West-



Media Services

Engineer Steven Dorsey, developer of Cornell's experimental vapor compression evaporator that boosts maple syrup producers' profits up to 30 per-

cent, tests the prototype at Cornell's Uihlein Sugar Maple Research and Extension Station at Lake Placid, N.Y.

port, N.Y., in cooperation with Kelley and Staats. The College of Agriculture and Life Sciences provided initial financial support in 1983 for the development of the prototype.

The annual sap season typically runs for six weeks or so during parts of March and April. Typical maple sap contains 98 percent water, 1.9 percent sugars, and trace amounts of other elements such as organic acids and ash. The watery sap is boiled until the sugar content reaches 66 percent, and it takes about 40 gallons of sap to make one gallon of syrup. The flue-type, open-pan evaporator has been the most commonly used system in removing water from the sap. "During the almost 100 years of its use, this system has changed very little," Kelley said. With the open-pan evaporator, however, syrup production is an energy-intensive operation.

The newly developed evaporator traps and compresses steam generated during the dewatering process and recycles heat energy from the compressed steam, distilled water and concentrated sap, Kelley said. Electricity is the only source

of energy used in the system; electric heaters are used to provide additional heat as needed. Pumps supply sap, remove distillate and circulate concentrate through the system in a continuing process. The prototype machine can process 200 to 250 gallons of sap per hour.

In addition to its energy efficiency, the VCE operates almost automatically, requiring little labor and supervision. "The system has proved to be highly dependable," he said.

The concept of vapor compression evaporation is not new. The process was used extensively for desalinating saltwater during and after World War II. "The prototype VCE is a practical application of this concept for syrup production, and it will be a money maker for syrup makers," Kelley said.

The project has been supported in part by the Greater Adirondack Resource Conservation and Development Council and the New York State Department of Agriculture and Markets.

—Yong H. Kim



# 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, Ithaca, NY 14850.

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

Notices should also include the subheading of the calendar in which the item should appear.

## DANCE

### Cornell International Folkdancers

Picnic in Stewart Park, Large Pavilion, June 25, 5 to 10 p.m. Bring your friends, family and a dish to pass for supper at 6 p.m. Call Helen Nivison, 272-5141 for information. July 2, instruction and requests, 7:30 p.m. to 10:30 p.m., Martha Van Rensselaer Hall Auditorium. July 9, a business meeting 6:30 to 7:30, instruction and requests, 7:30 to 10:30 p.m., Martha Van Rensselaer Hall or an outdoor location to be announced.

Free 8-week sessions on basic folk dancing will offer a mixture of couple dances line dances, reviews and substantial dancing of all dances taught previously. Couple dances will be held from 8 to 10 p.m. in The Henry, Sage Hall: June 27, set dances; July 4, pivot step, alone and combined with other steps; July 11, the Hambo. For future dates or other information, call teachers Dick Darlington, 273-0707 or Marguerite Frongillo, 539-7335.

## 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. Telephone: 255-6464.

"Reexamining 19th-Century Architectural Photography," an exhibition of 19th-century architectural photography from the archives of the College of Architecture, Art and Planning, organized by architecture students in a seminar about historical photographs, through June 25.

Reunion Exhibit, featuring works from the collections of Cornellians will be on view through July 2.

"Professional Visions: Photographs from the Archives of the American Society of Magazine Photographers," an exhibition of about 100 photographs that explores photography's development in the commercial art world, through July 9.

"Alison Bishop," an exhibition featuring the work of a well-known Ithaca artist, Alison Mason Kingsbury Bishop, who died last year at the age of 90 and was a landscape and mural painter, through July 23. The widow of Professor Morris Bishop '14, she helped to paint the murals in the lobby of Willard Straight Hall.

"Revolution in American Art," an exhibition in conjunction with this summer's campuswide effort to focus on the theme of revolution, through Aug. 7. The exhibition, featuring artists Arthur G. Dove, Stuart Davies, Marsden Hartley, John Marin, Morgan Russell and William Zorach, all important figures in the growth of American Modernism, includes paintings, drawings, sculptures and prints.

### The Center for Jewish Living

"Judaica: The Tapestries of Kopel Gurwin," featuring 11 of the artist's works employing the technique of felt applique, daily, noon to 7 p.m. through Aug. 15, 106 West Avenue.

### Olin Library

"The Many Faceted Dr. Fiske: A Belated Recognition," an exhibition of books, documents, letters and photographs showing the many interests and activities of Willard Fiske, Cornell's first librarian, as a student, traveller, journalist, librarian, reformer, teacher, scholar, chess player and book collector, through July 15, Monday through Friday, 9 a.m. to 5 p.m.

## FILMS

Films listed below are sponsored by Cornell Cinema unless otherwise noted. Most Cinema films cost \$3 and are open to the public unless otherwise stated, except for weekend films in Uris and Statler, which are \$4. An (\*) means admission is charged.

### Thursday, 6/22

"A Day in the Death of Joe Egg" (1972), directed by Peter Medak, with Alan Bates and Janet Suzman, 8 p.m., Uris.\*

### Friday, 6/23

"Shampoo" (1975), directed by Hal Ashby, with Warren Beatty, Goldie Hawn and Julie Christie, 7:15 p.m., Uris.\*  
"Wings of Desire" (1987), directed by Wim Wenders, with Bruno Ganz, Otto Sander and Peter Falk, 9:45 p.m., Uris.\*

### Saturday, 6/24

"Shampoo," 9:50 p.m., Uris.\*  
"Wings of Desire," 7 p.m., Uris.\*

### Sunday, 6/25

"The Fountainhead" (1949), directed by King Vidor, with Gary Cooper, Patricia Neal and Raymond Massey, 8 p.m., Uris.\*

### Monday, 6/26

"The Lovers" (1958), directed by Louis Malle, with Jeanne Moreau, Alain Cuny and Jean-Marc Bory, 8 p.m., Uris.\*

### Tuesday, 6/27

"Nostalgia" (1982), directed by Andrei Tarkovsky, with Oleg Jankovski, Domiziana Giordano and Erland Josephson, 8 p.m., Uris.\*

### Wednesday, 6/28

"Fame" (1980), directed by Alan Parker, with Irene Cara and Anne Meara, 8 p.m., Uris.\*

### Thursday, 6/29

"Track 29" (1988), directed by Nicolas Roeg, with Theresa Russell, Gary Oldman and Sandra Bernhard, 8 p.m., Uris.\*

### Friday, 6/30

"The Unbearable Lightness of Being" (1987), directed by Philip Kaufman, with Daniel Day-Lewis, Juliette Binoche and Lena Olin, 7 p.m., Uris.\*  
"Big" (1988), directed by Penny Marshall, with Tom Hanks, Elizabeth Perkins and Robert Loggia, 8 p.m., Statler.\*  
"The Song Remains the Same" (1976), directed by Peter Clifton, with Led Zeppelin, 10:30 p.m., Uris.\*

### Saturday, 7/1

"The Unbearable Lightness of Being," 7 p.m., Uris.\*  
"Stagecoach" (1939), directed by John Ford, with John Wayne, Claire Trevor and John Carradine, 9 p.m., Anabel Taylor.\*  
"The Song Remains the Same," 10:30 p.m., Uris.\*

### Sunday, 7/2

"Manchurian Candidate" (1962), directed by John Frankenheimer, with Frank Sinatra, Laurence Harvey and Angela Lansbury, 8 p.m., Uris.\*

### Monday, 7/3

"8 1/2" (1963), directed by Federico Fellini, with Marcello Mastroianni, Claudia Cardinale and Anouk Aimee, 8 p.m., Uris.\*

### Tuesday, 7/4

"Withnail and I" (1986), directed by Bruce Robinson, with Richard Grant, Paul McGann and Richard Griffiths, 8 p.m., Uris.\*

### Wednesday, 7/5

"The Fly" (1986), directed by David Cronenberg, with Jeff Goldblum, Geena Davis and John Getz, 8 p.m., Uris.\*

### Thursday, 7/6

"Love" (1970), directed by Karoly Makk, with Lili Darvas, Mari Torocsik and Ivan Darvas, 8 p.m., Uris.\*

### Friday, 7/7

"Aria" (1988), directed by Jean-Luc Godard, Nicholas Roeg, Derek Jaman, Ken Russell and others with Theresa Russell, Julie Hagerty and Genevieve Page, 7:30 p.m., Uris.\*  
"The Trouble with Harry" (1956), directed by Alfred Hitchcock, with Edmund Gwenn, 9 p.m., Anabel Taylor.\*  
"Raiders of the Lost Ark" (1981), directed by Steven Spielberg, with Harrison Ford, Karen Allen and Wolf Kahler, 9:45 p.m., Uris.\*

### Saturday, 7/8

"Aria," 7:30 p.m., Uris.\*  
"The Trouble with Harry," 9 p.m., Anabel Taylor.\*  
"Raiders of the Lost Ark," 9:45 p.m., Uris.\*

### Sunday, 7/9

"Sudden Fear" (1952), directed by David Miller, with Joan Crawford and Jack Palance, 8 p.m., Uris.\*

### Monday, 7/10

"Picnic at Hanging Rock" (1975), directed by Peter Weir, with Rachel Roberts, Anne Lambert and Dominic Guard, 8 p.m., Uris.\*

### Tuesday, 7/11

"The Official Story" (1985), directed by Luis Puenzo, with Norma Aleandro, Hector Alterio and Analia Castro, 8 p.m. Uris.\*

### Wednesday, 7/12

"Bull Durham" (1988), directed by Ron Shelton, with Kevin Costner, Susan Sarandon and Tim Robbins, 8 p.m., Uris.\*

### Thursday, 7/13

"The Glass Menagerie" (1987), directed by Paul Newman, with Joanne Woodward, Karen Allen and John Malkovich, 8 p.m., Uris.\*

## LECTURES

### Summer Session

"The Birth Dearth: The Demographic Revolution," Benjamin J. Wattenberg, political and social commentator and senior fellow, American Enterprise Institute, June 28, 7:30 p.m., Bailey Hall.

"Homelessness in America: Which Revolution Is the Answer?" Joseph H. Holland, Cornell University trustee, founder and director of Hark Homes men's shelter in Harlem, July 5, 7:30 p.m., Statler Auditorium.

"Ageism: The Battle of Our time," Patricia A. Moore, gerontologist and author of "Disguised: A True Story," about her experiences disguised as an elderly woman, July 12, 7:30 p.m., Statler Auditorium.

## MUSIC

### Summer Session

Outdoor concerts will be held 7 p.m. on the Arts Quad (rain location: Kaufmann Auditorium, Goldwin Smith Hall), on the following dates: jitterbug and swing, The Little Big Band, June 27; Afro-Latin rhythm and dance, The Agape Rhythm Ensemble with Eddie Smith and Maurice Haltom, July 6; Bossa nova with Bossa Terapia with jazz cel-

list Chris White, July 11; rap, dance and jazz with Fe Nunn's Musical Productions and the Got Fresh Crew, July 13.

Harpisichord Jamboree at noon on June 23 in the Green Room in Barnes Hall. Performance by students in the Summer Session harp-sichord workshop.

Seth Carlin, fortepiano, June 26, 8:15 p.m., auditorium, Barnes Hall.

Cello and piano concert with Robert Albrecht and Emma Tahmisian, July 3, 8:15 p.m., auditorium, Barnes Hall.

Organ concert with Donald R.M. Paterson, music, university organist and Sage Chapel choirmaster, July 10, 8:15 p.m., Anabel Taylor Hall Chapel.

### Bound for Glory

Steve Key, songwriter and guitarist from New York City, June 25; Tom Taylor, songwriter with an unusual sense of humor, July 2; Kim Wallach, with poignant, political and funny songs, July 9. Bound for Glory presents three lives sets, 8:30, 9:30 and 10:30 p.m. Sundays at the Commons Coffeehouse, Anabel Taylor Hall. Admission is free. The show can be heard from 8 to 11 p.m. on WVBR-FM 93.5

## RELIGION

### Sage Chapel

E. Vance Randall, Latter-Day Saints (Mormon), chaplain, will deliver the sermon at Sage Chapel on July 2. Robert L. Johnson, director, Cornell United Religious Work, will deliver the sermon on July 9. Services will begin at 11 a.m. Music will be provided by the Sage Chapel choir, under the direction of Donald R.M. Paterson. Sage is a non-sectarian chapel that fosters dialogue and exploration with and among the major faith traditions.

### Catholic

Mass: Saturdays, 5 p.m., through Aug. 19, Anabel Taylor Auditorium.

Mass: Sundays 10 a.m. only., through Aug. 20, Anabel Taylor Auditorium.

Daily Masses: 1:20 p.m., Anabel Taylor Chapel, announced on a weekly basis. Sacrament of Reconciliation by appointment.

### Christian Science

Testimony Meeting: Thursdays, 7 p.m., Anabel Taylor Founders Room.

### Episcopal (Anglican)

Sundays, 10 a.m., Anabel Taylor Chapel.

### Friends (Quakers)

Sundays, 10:30 a.m., Hector Friends Meeting House (about one mile west of Rt. 96, on the Perry City Rd. Rides leave Anabel Taylor parking lot at 10 a.m.)

### Jewish

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

Conservative/Egalitarian Services: Fridays at 7:30 p.m., Founders Room, Anabel Taylor Hall.

Orthodox Shabbat Services: Fridays, 9:15 a.m., Saturdays, 9:15 a.m., Edwards Room, Anabel Taylor Hall.

### Korean Church

Sundays, 1 p.m. Anabel Taylor Chapel.

### Muslim

Fridays, 1 p.m. Anabel Taylor Edwards Room.

### Protestant

Protestant Cooperative Ministry: Bible Study will begin 10 a.m., G-7, Anabel Taylor Hall. Worship on Sundays, 11 a.m., Anabel Taylor Chapel.

Baptist Campus Ministry (SBC): Saturdays, 7 p.m., in the Forum, Anabel Taylor Hall.

### Zen Buddhism

Zazen meditation: Thursdays at 5 p.m. in the chapel or the Edwards Room, Anabel Taylor Hall. For more information or to arrange beginner's instruction, telephone Ian Dobson: 347-4303.





Head baseball coach Ted Thoren celebrates 35 years at Cornell with his wife, Jeanne, who has recorded 30 years of continuous service as executive assistant to five deans of the College of Engineering.



Verna C. Turk and her husband, John, celebrate 35 years each of employment at Cornell. She is an administrative aide in the College of Veterinary Medicine and he is a research technician in pomology and viticulture.

## More than 500 recognized for 25 years' work at Cornell

"It's the people" in varying forms — spirited students, renowned scholars and scientists, dedicated administrators and just plain fellow workers — that's the best thing about working at Cornell.

The idea was repeated time and again by long-time employees at the university's 34th Annual Service Recognition Banquet in Barton Hall on June 13.

President Frank H.T. Rhodes underscored the point with added perspective when he welcomed the record crowd of more than 500 Cornell employees in attendance, all with 25 years or more service to the university. He said: "You are the people who make it possible."

No matter how "distinguished the faculty or bright the students, you are the glue. You are partners in creating a great university. By serving other people — students in particular — you are making Cornell work," Rhodes said.

In the din of the pre-banquet social hour, Paul E. Jones, who, with 49 years at Cornell

was the person in attendance with the longest continuous service to the university, said he is having a hard time deciding when to retire.

As technical service supervisor for the School of Civil and Environmental Engineering, Jones said working with students who are building research equipment "keeps me alert and young in spirit."

His wife, Mary, added, however, "he works too hard," indicating his retirement may come sooner rather than later if she gets her way.

Another of the old-timers, Willis G. Besemer, who has been at it for 38 years, first repairing typewriters and now computers, said it has been the "friendliness of the people" that has kept him going.

But a colleague standing by said it might be the other way around; that Besemer, or Willie, as he is known by most everyone, has "kept other people going" with his infectious good nature as well as his mechanical skills.

June Franklin, now assistant manager of employee benefits in the Office of Human Resources, who came to Cornell as a typist in 1952, said she has always liked to "help people" and the "challenge of always learning something new." She is particularly proud to have worked for such renowned persons as Nobel laureate Hans Bethe, astrophysicist Thomas Gold and Professors Robert Plane and Michell Sienko, for whom in the early 1950s she typed the first drafts of what was to become the most widely used chemistry textbook in the world.

The highlight of the evening was the recognition of 101 employees who have reached the milestone of 25, 30, 35 and 40 years of service.

George Peter, who retired after 41 years and who served as the university's first employee-elected member of the board of trustees, announced the award recipients.

Included were two married couples. Verna Turk, an administrative aide in the College of Veterinary Medicine, and her

husband, John Turk, a research technician in pomology, each have completed 35 years as Cornell employees. Ted Thoren, head baseball coach, was recognized for 35 years at Cornell while his wife, Jeanne Thoren, executive assistant to the dean of engineering, was honored for 30 years service to Cornell, including serving under five College of Engineering deans.

Honored for 40 years service were: Philip F. Barden, garage foreman in maintenance and service operations; Ross B. Sinn, vehicle mechanic in entomology; Donald J. Slattery, recently retired operations manager of the Campus Store; Alga S. Vose, general stores; and Robert R. Whipple, research support specialist in floriculture and ornamental horticulture.

Twelve persons were cited for 35 years, 26 for 30 years and 58 for 25 years service. Each year all employees with more than 25 years of continuous employment are invited as special guests to the banquet.

—Martin B. Stiles

## CALENDAR

continued from page 5

## SEMINARS

### Biochemistry

"Characterization of a transcription antitermination complex *in vitro*," Bill Yarnell, Section of Biochemistry, Molecular and Cell Biology, June 26, 12:20 p.m., Morison Seminar Room, Corson-Mudd Hall.

### Summer Session

"A Revolutionary Discourse, 500 Years Before the Fall of the Bastille," a Great Books Seminars, led by William Kennedy, comparative literature, will be held throughout the six-week summer session, Tuesdays at 11:45 a.m. in the Whitaker Room A409, Corson/Mudd Hall: Dante's 'Inferno,' Canto 26: "The Voyage of Ulysses," June 27; A Revolutionary Discourse, 300 Years Before the Fall of the Bastille: "Machiavelli's 'The Prince,' Chapter 18: The Illusion of Ends and Means," July 11.

Sandwich seminars will be given at noon in 213 Ives Hall on the following days: "The Civil War in South Carolina -- A Black-American Revolution," Margaret Washington, Afro-American history, June 29;

"The Revolution in Marriage: Has it Really Happened?" Elaine Wethington, human development and family studies, July 6; "Revolutions in Art: Public Spaces, State Funding, Political Controversy," Timothy Murray, English, July 13.

## SYMPOSLIA

"Regionalism, Nationalism, and European Integration: The Case of Brittany," June 23, 2 p.m., 701 Clark Hall: Caroline Ford, Harvard University, will discuss the historical background of Breton regionalism and the use of language as a basis for a separate identity; Lois Kuter, anthropologist, Philadelphia, will speak about Breton identity today, with particular emphasis on the role of music in establishing and preserving that identity; Hudson Meadwell, political scientist, McGill University, will explore the theoretical implications of Breton regionalism in the general European context.

That evening a presentation of visual images of Brittany and a traditional Breton "Fest Noz" with music by Bells and Motley and dancing will take place at 7:30 p.m. in Memorial Room, Willard Straight Hall.

## THEATER

Choreographer David Gordon of the David Gordon/Pick Up Company will present an informal showing of work created during his current residency at the Center for Theatre Arts on June 22, 8 p.m. at the center, 430 College Avenue.

## MISC.

### Summer Session

A welcome reception with refreshments and entertainment and music by Peggy Haine and the Lowdown Alligator Jass Band, will be held June 26 (raindate June 27), 4 p.m. on the Arts Quad.

Art performances will be held at 8:15 p.m. on the following evenings: Vinie Burrows' one-woman show on international sisterhood, "Sister! Sister!" 8:15 p.m., June 29, Barnes Hall; Jazzmatazz "A Duke Ellington Retrospective," plus B-Side, a capella jazz singers, July 7, 8:15 p.m., Barnes Hall.

### Supercomputer tours

Tours of the national supercomputer facility will be given on June 27, 2 p.m.; June 28, noon and 12:30 p.m.; June 29, noon and 12:30 p.m.; July 5, noon and 12:30 p.m.; July 6, noon and 12:30 p.m.; July 11, 2 p.m.; July 12, noon and 12:30 p.m.; July 13, noon and 12:30 p.m. Sign up with Donna Smith at 255-9862, Computing and Communications Center.

### Architectural tours

Walking tours of the architecture of Cornell, beginning at 6:30 p.m. at the statue of Ezra Cornell, near Morrill Hall on the Arts Quad, will be held on June 26, July 3 and July 10.

### Garden Tours

A tour of Miss Minn's Garden on Tower Road will be given by Professor Robert G. Mower, floriculture and ornamental horticulture, on June 26 at noon. Professor Mower

will also lead a tour of the Willard Straight Rock Garden, (between Willard Straight Hall and Gannett Health Center), on July 10 at noon.

### Library Tours

Tours of Uris Library to those interested will be given June 26 at 4 p.m., June 27 at 4 p.m., June 28 at 4 p.m., June 29 at 3 p.m. and June 30 at 3 p.m. The tours, which present the history and architecture of the library, are held every Monday, June 26 through July 31. All tours begin in the main lobby of the library.

### Christian Science Monitor

The Christian Science Monitor resource files will be available in the Willard Straight Lobby on July 12 and 13 from 10 a.m. to 4 p.m. The files contain up-to-the-minute newspaper articles on more than 150 topics useful for writing papers, preparing speeches, teaching, studying for exams, etc.

### Fuertes Observatory

Fuertes Observatory, situated on the hill behind Helen Newman Hall, will be open to the public every clear Friday night from 8 p.m. or dark until midnight. Call 255-3557 for information.

### Macintosh Users' Group

MUGWUMP, the Macintosh Users' Group for Writers and Users of Mac Programs, meet on the first Thursday and second Wednesday of each month. Meetings are free and beginners are welcome. For more information, call Andrew Merkle, 277-2239.

### Alcoholics Anonymous

Meetings, open to the public, will be held Monday through Friday, 12:15 p.m. and Thursday evenings, 9:30 p.m. in Anabel Taylor Hall. For more information, call: 273-1541.



## Graduate Bulletin



**Summer registration:** Students must register at Sage graduate Center if they are 1) receiving financial aid during the summer, such as summer assistantships or fellowships; 2) wish to use campus facilities during the summer; or 3) are off campus but require credit for summer study.

**Student ID is required.** Graduate students who have been registered for a regular semester during the preceding academic year do not pay tuition for noncredit summer registration. Tuition must be paid for summer courses.

**Degree deadline:** Aug. 25 is the deadline for completing all requirements for an August degree from the Graduate School, including submitting the thesis/dissertation to the Graduate School.

**Thesis seminars:** 2:30 to 3:30 p.m., Mudd/Corson Hall, Robert S. Morison Seminar Room, lower level of the atrium, July 11 for masters' theses; July 12 for doctoral dissertations.

The meetings will include a presentation and a question-and-answer session and will be helpful both for those in the beginning stages of thesis preparation and those near completion. Students, faculty and typists are encouraged to attend.

### Barton Blotter:

## Three stolen goats recovered

Three goats worth \$10,500 were stolen from a Veterinary College barn and let loose in Ithaca High School, where they were recovered unharmed early in the morning on June 12, according to the morning reports of the Cornell Department of Public Safety for June 5 through 19.

The theft was among 11 reported on campus with losses in cash and valuables of \$15,121.

The goat theft "appears to be a prank, but it is in reality a serious matter that could hinder efforts to diagnose human disease," said Dr. Fred Quimby, director of Cornell's Center for Research Animal Resources.

"These animals are extremely valuable, almost irreplaceable. Their blood contains antibodies that hospitals throughout the country use in tests for human diseases, including thyroid conditions."

Quimby said that the goats were turned over to the university by the

Tompkins County Society for the Prevention of Cruelty to Animals, which removed the animals from the school for the Ithaca Police Department.

The Cornell veterinarian said the thieves apparently scaled a five-foot-high fence and broke into a locked barn at about 1 a.m. on June 12.

The Ithaca High School was broken into about 30 minutes later. Two goats were shut in a science classroom and one was found in a hallway.

Examinations of the returned goats found no apparent harm to the animals, said Quimby. He emphasized that the goats carried no agents that could adversely affect humans.

Other thefts on campus included a \$2,228 computer taken from McGraw Hall, a camera and racing bike valued at \$515 stolen from 660 Stewart Ave., a \$550 speaker system taken from Myron Taylor Hall and a \$350 18-speed bicycle stolen from the bike rack at Snee Hall.

## Moakley House welcomes even non-golfers

Moakley House at Cornell's golf course on Warren Road has expanded its menu, extended its hours, added more outdoor furniture and planted rows of flowers to become an attractive eating place for non-golfers as well as golfers.

In spring, summer and early fall, Moakley House's outdoor eating area overlooks the sixth hole of the golf course and practice putting green.

"The golf course makes it a relaxing atmosphere, a pleasant place even for non-golfers," said Mark Johnson, concessions and events manager for the Department of Athletics and director of the clubhouse.

Year-round, (except for January, when Moakley House will be closed), patrons can use an indoor dining room that includes a restored flagstone floor. The dining room, called the Grand Room, can be rented for parties and other occasions.

Moakley's new hours during golf season are Mondays, 9 a.m. to 8 p.m.; Tuesdays through Thursdays, 9 a.m. to 8:30 p.m.; Saturdays, 7:30 a.m. to 8:30 p.m. and Sundays, 7:30 a.m. to 6 p.m.

For more information, call 255-8310.

## Appointments and Promotions

*The following academic and administrative appointments were approved by President Frank H.T. Rhodes, effective July 1, 1989.*

Dorothy Mermin, professor and chairwoman in the Department of English, College of Arts and Sciences, was reappointed chairwoman through June 30, 1990.

Dudley L. Poston, professor in the Department of Rural Sociology, College of Agriculture and Life Sciences, was appointed chairman of the department through July 30, 1992.

*Each of the following faculty members was named a professor emerita or emeritus by President Frank H.T. Rhodes during the current academic year.*

Robert C. Baker, Department of Poultry and Avian Sciences, College of Agriculture and Life Sciences.

Helen T.M. Bayer, Department of Human Development and Family Studies, College of Human Ecology.

Robert E. Bechhofer, Operations Research and Industrial Engineering, College of Engineering.

Marjorie M. Devine, Division of Nutritional Sciences, College of Human Ecology.

Robert E. Doherty, School of Industrial

and Labor Relations.

Ronald Donovan, School of Industrial and Labor Relations.

Esther G. Dotson, Department of the History of Art, College of Arts and Sciences.

Milton J. Esman, Department of Government, College of Arts and Sciences.

Jay R. Georgi, Veterinary Parasitology, College of Veterinary Medicine.

Quentin H. Gibson, Greater Philadelphia Professor of Biological Sciences.

William Hansel, Liberty Hyde Bailey Professor of Animal Physiology.

John S. Harding, Department of Human Development and Family Studies, College of Human Ecology.

Walter Isard, Department of Economics, College of Arts and Sciences.

Edward D. Jones, Henry and Mildred Uihlein Professor of Plant Pathology, College of Agriculture and Life Sciences.

Alfred E. Kahn, Robert Julius Thorne Professor of Political Economy

Robert C. Lamb, Horticultural Sciences, Geneva

William W. Lambert, Psychology and Sociology, College of Arts and Sciences.

Douglas J. Lathwell, Department of Agronomy, College of Agriculture and Life Sciences.

Louis Leibovitz, Department of Avian and Aquatic Animal Medicine, College of Veterinary Medicine.

William N. McFarland, Section of Ecology and Systematics.

William McGuire, Civil and Environmental Engineering, College of Engineering.

Nathan H. Peck, Horticultural Sciences, Geneva.

Donald S. Postle, Clinical Sciences, College of Veterinary Medicine.

Robert F. Risley, School of Industrial and Labor Relations.

Alex Rosenberg, Department of Mathematics, College of Arts and Sciences.

Colin Rowe, Andrew Dickson White Professor of Architecture, College of Architecture, Art and Planning.

Marice W. Stith, Department of Music, College of Arts and Sciences

James R. Stouffer, Animal Science, College of Agriculture and Life Sciences.

S. Cushing Strout, Ernest I. White Professor of American Studies and Humane Letters, College of Arts and Sciences.

Raymond G. Thorpe, School of Chemical Engineering, College of Engineering.

Madison J. Wright, Department of Agronomy, College of Agriculture and Life Sciences.

## Poultry conference to include topic of cholesterol in eggs

The future of the egg industry and the feasibility of reducing cholesterol in eggs will be among topics covered at the Cornell University Poultry Conference at the Ithaca Holiday Inn on Wednesday and Thursday, June 28 and 29.

About 200 members of the poultry industry from throughout the Northeast and Canada will gather for the meeting, sponsored by the Department of Poultry and Avian Sciences and Cornell Cooperative Extension.

Attendees will hear updates on the contamination of poultry by *Salmonella enteritidis* and the recent referendum on animal rights in Massachusetts.

The referendum, which was defeated in November, sought to ban wire-cage systems currently used for egg production in that state.

Other conference topics include ways to improve egg shell quality, major poultry diseases and current information about cholesterol levels in eggs.

Also planned is a symposium honoring Frederick B. Hutt, a professor emeritus of animal genetics in the Department of Poultry and Avian Sciences, according to the conference chairman, Robert C. Baker, professor of food science in the College of Agriculture and Life Sciences.

Hutt will receive a plaque from the World's Poultry Science Association formally marking his recent induction into the International Poultry Hall of Fame.

He retired from Cornell in 1965 after 31 years of service and is known for his research on heredity in domestic animals, especially fowl.

For more information about the program and registration, call Baker at 255-2149.

—Yong H. Kim

## Veterinary College adds poultry expert telephone answerman

Poultry extension veterinarian Dr. Ahmed Mutalib is offering assistance to callers with problems of production or disease. He would like to hear from veterinarians, poultry extension specialists and poultry farmers across New York state.

There are about 100 poultry farms in New York state, concentrating mainly on

egg production and varying in size from 2,000 to 750,000 birds.

Mutalib said his experience in avian medicine can be especially useful to veterinary practitioners who may see few poultry patients. He can be contacted at 253-3365.

At the College of Veterinary Medicine, Mutalib will continue his research and help

in the clinical instruction of veterinary students. In addition to being available for phone consultations and farm study, he is developing educational materials related to poultry diseases and their control. He has just finished compiling a drug formulary for use with broilers, layers, turkeys, quail and pheasant.

### Insect virus *continued from page 1*

Shelton with the Geneva Agricultural Experiment Station.

The spraying of a few ounces of virus preparation will take place in a two-acre, doughnut-shaped test plot at Cornell's Agricultural Experiment Station in Geneva. In a field with 20,000 cabbage plants, 2,500 plants in the center one-quarter acre will be treated with the viruses. The plants surrounding the test plants will act as a buffer zone, trapping any virus that might spread out from the center plot, Wood said. These plants also serve as controls.

Wood and Shelton said that there is virtually no risk that the altered virus will spread to surrounding areas of the test site and, even if it did, there would be no danger to humans and animals.

Insects will pick up the virus as they feed on cabbage leaves. The virus has been altered to remove a protective protein coat.

"Our laboratory tests showed that the al-

tered virus by itself can survive no more than a few days," Wood said. "We expect that, within two years, the altered virus in the test plot will be at such a low level as to be undetectable," Wood said.

The virus to be field tested is called "Autographa californica (multiply-embedded) nuclear polyhedrosis virus" (AcMNPV), which belongs to a group of common viruses known as baculoviruses. More than 500 widespread baculoviruses cause viral epidemics in agricultural and forest insect pests, including gypsy moths, cabbage loopers, corn borers, tobacco budworm and Douglas-fir tussock moth.

"Baculoviruses infect only invertebrates such as insects and do not infect mammals," Wood said.

BTI researchers removed from AcMNPV a gene that codes for the virus's protective covering, called "polyhedron," which is essential for the virus's survival

under natural outdoor conditions. This technique for enhancing the pesticidal properties of the virus could lead to controls of insect pests that then disappear from the environment, Wood pointed out.

But disabling an insect-killing virus is like "shaving a rat and sending it outdoors on a subzero winter day," Wood said. Despite their innate ability to kill many agriculturally important insect pests, baculoviruses such as AcMNPV need to be genetically improved for them to be commercially viable, he said.

Researchers in England have conducted similar test, he noted.

The fact that the disabled virus cannot survive long in the environment poses a problem in delivering the virus intact into target insects. To provide limited protection to the virus, the BTI researchers mix it with a normal, unaltered, wild-type virus using a technique known as the "co-occlu-

sion process." The method allows the normal virus to develop its protective envelope that also provides a shelter to the genetically disabled virus until both enter the target pest.

After insects are dead, some of the altered viruses will die because they are unable to develop their own protective coverings, while others may survive under the protection of the normal type. Eventually, all of the altered ones will die, Wood said.

"Each time these viruses go through one insect to the next, the amount of disabled virus decreases," he said. "Although we already know from laboratory experiments that this disabled virus cannot survive long, we need a test to quantify its life span in the field."

The BTI laboratory work that led to the genetically altered virus was supported by the EPA.

—Yong H. Kim



# Expert offers tips on caring for lawns without pesticides

Homeowners can have healthy lawns free of diseases, weeds and insect pests without using chemical pesticides if they use new lawn-care techniques developed through research, according to Cornell turfgrass scientists.

"If homeowners concerned about using pesticides carefully choose grass varieties and use proper feeding, watering and mowing techniques, they may be able to do without chemical pesticides," said Norman W. Hummel Jr., an assistant professor of turfgrass science in the College of Agriculture and Life Sciences. "They may have to tolerate some weeds and occasional dead patches in the lawn, but these blemishes can be kept to a minimum."

Among Hummel's suggestions are these:

## Grass varieties

- Use a blend of at least three Kentucky bluegrass varieties to maximize the lawn's resistance to diseases. More than two dozen varieties recommended by Cornell for the Northeast and other regions of the country in the northern United States, from Maryland to northern California, have good to excellent built-in resistance to several destructive lawn diseases, including leaf spot, summer patch and necrotic ring spot.

- Plant improved varieties of another type of lawn grass known as perennial ryegrass to achieve resistance to Fusarium blight syndrome — a pair of serious lawn diseases called summer patch and necrotic ring spot.

Several varieties of perennial ryegrass and Kentucky bluegrass are resistant to summer patch, with symptoms occurring during hot, dry summer. So the perennial ryegrass should be included in a seed mixture in establishing new lawns or renovating old ones. Such ryegrass should be planted with Kentucky bluegrass, provided that it does not exceed 20 percent of the seed mixture. Two new varieties, Repell and All-Star, also have resistance to grass-feeding insects.

- Summer patch attacks the root, so mowing the lawn high, frequent waterings, proper fertilization and maintaining the correct soil pH level will encourage deeper rooting and help the turf to be more resistant to the disease.

- A group of grass species called fine fescues, such as creeping red, chewings and hard fescue, is best adapted to shade. They require little care; they even do well under low-fertility and low-moisture conditions. Select varieties that have resistance to red thread and leaf spot diseases; new varieties with even better disease resistance are expected to be available in the near future. Build shade lawns with fine fescues alone or mix them with shade-tolerant Kentucky bluegrass varieties.

- Still another type known as tall fescue also is a good low-maintenance grass with few disease problems. Improved "turf-type" tall fescues will produce an attractive lawn. Because tall fescues will not survive rigorous winters in upstate New York, they should not be used in areas north of Westchester and Rockland counties. Tall fescue does not do well with other types of lawn grasses, so it should be seeded alone (monostand).

## Feeding the lawn

- Keep the soil pH reading for home lawns between 6.0 to 7.0. Soil's acidity and alkalinity are measured on a scale of 14, with 7.0 being neutral, above 7 being alkaline and below 7 being acidic.

- Apply moderate amounts of nitrogen and potassium to help the lawn fight pests. Kentucky bluegrass lawns need 2 to 3 pounds of nitrogen and 1 to 3 pounds of potash per 1,000 square feet per year. Fine-fescue and tall-fescue lawns require 1 to 2 pounds of nitrogen and 1 to 3 pounds of potash, respectively. Leaving the clippings on the lawn during mowing can reduce fertilizer need by 30 percent.

- Split the fertilizer into two or three applications during the year, rather than putting down all of the required amount in a single application. If fertilized twice, it should be done in mid- to late May, or around the Memorial Day, with the second application between late August and early September, or around Labor Day. For those who want to apply the fertilizer three times a year, the last application should be done at the time of last mowing in late fall, or around the Thanksgiving holiday.

- Keep nitrogen fertilization to a minimum in the spring to control leaf spot. This disease is enhanced by succulent turfgrass

growth and often strikes Kentucky bluegrass lawns when weather is cool and wet in the spring.

- Rust strikes Kentucky bluegrass and perennial ryegrass lawns in the fall. Because this disease is encouraged by low nitrogen levels, early fall fertilization (between late August and early September) should prevent it.

- Snowmold is a winter disease. A shot of nitrogen together with potassium during late November should help minimize the problem. Avoid fertilizing the lawn between Oct. 1 and mid-November.

## Mowing practice

- Mow the lawn at the proper height to discourage weed invasions and to make the lawn more resistant to insect pests and diseases. The shorter the mowing height, the shallower the root system will be. That makes the lawn more susceptible to root-damaging insects and root diseases. Giving a "crew cut" or scalping the lawn also will encourage weed germination, resulting in weed invasions while making the grass much more susceptible to diseases, insects, heat and drought.

- Maintain an ideal mowing height of 2 to 3 inches for Kentucky bluegrass and fine fescue lawns and 3 inches for tall fescues.

- Mow at regular intervals, at least once a week. Never remove more than one-third of the leaf tissue with each mowing.

- Keep mower blades sharp; dull blades leave wounds on the grass that serve as a point of entry for diseases, especially a fungal malady known as leaf spot.

## Watering

- Water lawns lightly and frequently, rather than heavily and infrequently during summer. But in spring and fall, lawns should be watered heavily and infrequently, if needed. The best time to water is in the early morning; evening watering does not allow enough time for the grass to dry during the night to prevent disease development. Water the lawn when the grass shows signs of wilting.

## Weed control

- Hummel said that all of the practices already listed will help to prevent weeds. Lawns damaged by diseases, insects, improper mowing or drought are most prone to weed encroachment. Recent research at

Cornell has demonstrated that a balanced fertilizer program and proper mowing will give the lawn grasses a better competitive advantage over weeds. Even with the best cultural practice, some weed invasion is inevitable; the only way to stamp out weeds without applying chemical weed-killers is to pull them out by hand. Do not leave any part of the root; otherwise, the weed will come back quickly.

## Pest control

- Two insect-resistant perennial ryegrass varieties named All-Star and Repell are resistant to sod webworm and chinch bug. As with other pests, a well-maintained lawn will be more tolerant of insects than a neglected or improperly maintained one. For example, a lawn that is properly watered and fertilized may tolerate 10 grubs per square foot of the lawn area without any visible damage, whereas the same number of grubs may devastate a weak, poorly maintained lawn.

- The white grub is the most serious insect pest on home lawns. The most common grubs are those of the European chafer and the Japanese beetle. Cornell researchers at the Agricultural Experiment Station at Geneva are testing microscopic, soil-dwelling parasitic worms called nematodes as well as bacteria and fungi for control of white grubs; initial results show promise.

—Yong H. Kim

## Chronicle schedule

The next issue of the Cornell Chronicle will be published on July 13. The schedule for the rest of the summer, with deadlines for submissions, is as follows:

Publication date	Deadline for submissions
July 13	July 3
July 27	July 17
Aug. 10	July 31
Aug. 31	Aug. 21

## Summer continued from page 1

formers, many from the Ithaca area, will include the Little Big Band (jitterbug and swing), Eddie Smith and Maurice Haltom (Afro-Latin), Fe Nunn and the Got Fresh Crew (rap and rhythm), Ithaca Bluegrass, Bossa Terapia (Latin jazz), MILC (jazz and rock) and Chestnut Grove (traditional and contemporary bluegrass).

Musicians featured in concerts scheduled for each Monday beginning at 8:15 p.m. include cello and piano duo Robert Albrecht and Emma Tahmisian, baritone and soprano David Neal and Elena Clancy, world-renowned fortepianist Seth Carlin, organist Donald R.M. Paterson, harpsichord virtuoso Joyce Lindorff and violinists Rolfe Sokol and Meyer Stolov.

All will be in Barnes Hall, with the ex-

ception of Paterson's organ recital, which will be held in the Anabel Taylor Chapel.

Other performances will include Vinie Burrows' one-woman play "Sister! Sister!" scheduled for Thursday, June 29, at 8:15 p.m. in Barnes Hall. Burrows also is an official observer for the United Nations Women's International Democratic Federation.

Also, vocal jazz artists Jazzmatazz and B-Side, the Second Hand Dance Company, giant puppets, cloggers and a Cortland State Theater comedy revue will appear in the summer's Performing Arts Series.

A series of lectures will begin at 7:30 p.m. on Wednesdays in Bailey or Statler halls. Speakers and topics will include Ben J. Wattenberg, senior fellow at the Ameri-

can Enterprise Institute, on "The Birth Dearth — The Demographic Revolution" (June 28); Cornell trustee Joseph Holland on "Homelessness in America: Which Revolution is the Answer?" (July 5); gerontologist Patricia Moore on "Ageism: The Battle of Our Time" (July 12); Avis Inc. Chairman Joseph Vittoria on "What Happens When Employees Buy the Company?" (July 19); Cornell College of Agriculture and Life Sciences Dean David L. Call on "The Agricultural Revolution: The Benefits and the Costs" (July 26); and Laboratory of Ornithology research associate and Visiting Fellow Katharine B. Payne on "Elephant Communications" (Sunday, July 30).

In a series of seminars beginning at noon on Thursdays, Margaret Washington, asso-

ciate professor of Afro-American history, will lecture on slave women during the Civil War; human development and family studies Assistant Professor Elaine Wethington will address the new equality in marriage (Has it really happened? She says no!); and Mary Beth Norton, the Mary Donlon Alger Professor of American History, will speak on the American Revolution's effects on women at the time. Other speakers will address other topics.

Also, orthopedic surgeon Dr. Russell Zelko will discuss new techniques and trends in sports medicine in a lecture slated for Thursday, Aug. 3, in conjunction with the Empire State Games which are taking place in Ithaca this summer.

—Martin B. Stiles

## Reunion continued from page 1

man of the real estate section at a Detroit law firm. He recalled that, when he entered Cornell in 1965, he was one of 38 blacks in the freshmen class of 1,900 students, the largest group of minority students to enter Cornell up to that time.

"Cornell had us here but did not understand us. It was a little disappointed that we were so interested in where we came from," Munday said. "We [blacks and whites] are separate in our communities and then we go to white colleges and everything is supposed to be hunky-dory. We need to be more sophisticated than that."

Eldon G. Kenworthy, an associate professor of government, called the late '60s "years of flawed teaching but maximum learning" as many students ignored the classroom for political activities on campus. "You couldn't cross a bridge to campus without being handed five pamphlets," he added.

"The thing that stands out about the '60s was participation," said the Rev. W. Jack Lewis, now director emeritus of Cornell United Religious Work. "Our adrenal glands practically ruptured from all the ten-

sion we were experiencing," but it was a time of growth and proved that "Cornell is a place where all can be here, where we can enter into dialogue."

In his State of the University Address and in response to questions from alumni on June 10, Rhodes pointed out that Cornell will mark its 125th year in 1990, and he suggested that the university "seek not expansion, but excellence."

Rhodes listed four goals for Cornell: to continue educating the leaders of tomorrow, not just people of competence; to continue maintaining a leading position in scholarship and research; to continue extending public service activities, including possibly emphasizing one or two areas, such as math and science education, for intensive action; and to do all of that within the constraints of the university's budget.

"Despite the success of reunion campaigns, Cornell is not a wealthy institution," Rhodes said.

Among the statistics he cited: Depending on the calculation used, Cornell ranks no higher than 62nd in the country in endowment per student; the university's per-

student endowment is one-fifth that of Harvard; the average salary for a full professor at Cornell is \$16,500 less than the salary at Harvard.

"Cornell's aspirations have always exceeded that. We're running a Rolls Royce on a Honda Civic engine," Rhodes said. "We're under-endowed."

Rhodes reviewed the physical changes to the campus, some of them roundly praised (the Law School addition) and some of them controversial (the Center for Theater Arts). He also congratulated the faculty for receiving six Guggenheim Fellowships, two Sloan Fellowships and 11 Presidential Young Investigator awards, among other honors.

He recounted that the university recently honored 600 graduate and undergraduate students for their public service work, and he congratulated the football, women's lacrosse and women's polo teams for winning championships. Rhodes also pointed out that applications to Cornell dropped this year for the first time in a decade, but that there still were 20,000 applicants for 2,800 openings.

In other reunion panel presentations:

- Dominick C. LaCapra, the Goldwin Smith Professor of European Intellectual History, and John Forester, associate professor of city and regional planning, on Saturday called for a cross-disciplinary integration of professional and liberal education.

Asking professional students to study "great texts" without incorporating a liberal education into their professional training will result in merely a "cultural suntan for a future corporate elite," LaCapra said. Forester suggested that universities "reduce the distance, but not the difference, between professional and liberal education," adding that professional education can enrich liberal education, rather than weakening it.

- A panel of five people affiliated with the College of Human Ecology's Family Life Development Center discussed the training that is provided to all Child Protective Service workers in New York state and heard of Cornell's cooperative efforts with a Bronx public school and city hospitals to prevent child abuse.

—Mark Eyerly



# Networking

A Cornell Newsletter Published by Employees for Employees

Volume 10, Number 15

Thursday, June 22, 1989

## Employee Spotlight: Wendy Wirth

By Kathleen O'Brien

The lab technician --what does that phrase conjure up in your mind? A wizened little gnome of a person, frantically washing up glassware before the Blob get out, or maybe a frizzle haired mad scientist? Well this technician is neither a gnomon or mad scientist, but like other technicians at Cornell, little seen because of the numerous and complex duties that have to be performed.

Wendy A. Wirth has been with the Department of Floriculture and Ornamental Horticulture for eight and one-half years. Wendy "runs" the Cornell Nutritional Analysis Laboratory (Floriculture & Ornamental Horticulture branch), in cooperation with pomology and agronomy's labs. Her duties are varied and interesting. Wendy tests various kinds of samples for commercial growers as well as home owners. In January 1989, her lab started the physical analysis of soils which is of interest to golf course superintendents and landscape contractors.

Did you know that there are six different sizes of sand? Her other tasks include billing, processing requests for sample containers, answering phone calls, generating reports, and (of course) cleaning glassware to mention a few.

Wendy's associate degree in biology her desire to work in a laboratory, and a willingness to learn whatever anyone wanted to teach her prompted her future employers to hire her.

Wendy stated, "What I like about this job is that it's not the same. It changes from month to month (season) and if a person requests a certain test we try and tailor the lab to accommodate that request."

She stated that although they had a small number of samples from each client, their clientele base was a diverse one. Wendy likes her coworkers and states that since there is always work, she will never be bored.

Wendy remarked that her primary concern was for her clients, that they know that there is someone available who cares about their particular problem and can find the answer for their questions.

Wendy mentioned, though, that because of the hectic nature of her duties, when she finishes her work day at Cornell, she leaves her work behind. "I go home to be with my family, I leave my job behind."

Professional, concerned, and caring -- this Cornell is one of your employees!

Networking needs your support, if you know of anyone who should be in the

Wendy Wirth



Photo by Sigrid Peterson

EMPLOYEE SPOTLIGHT, please send their name, phone number, and a sentence or two explaining why they should be spotlighted to: Employee

Spotlight, 134-A Plant Science Building. Thank you!

Kathy O'Brien, editor  
Employee Spotlight

## CU Wellness Program Update: Fun Run Winners Announced



The Fun Run—Walk is off and running!



Wellness Program Director Toni McBride and Fun Run—Walk contestant

By Toni McBride

Hello from the CU Wellness Program. We are off and running and gearing up for a great year to come. We received over 500 applications for our 150 available spaces. We will keep all registration forms on file in the event of drop-outs or people who can not be cleared to participate in our program. At the present time we have not decided whether we will draw from this pool of applicants for next year's program or remarket. Watch for more information on this in our column.

Remember May 19, 1989, National Employee Health and Fitness Day? Our prediction race was held on a SUNNY and warm day!!! (Yes, there are a few of these days in Ithaca). Alex Gayek of the athletic department, was our first place winner and left with a new pair of running shoes; Paul Bartishevich of media services, won the free body massage; and Bill Anderson of the food sciences department, won the gift certificate from the CU bookstore. It was a great day and a lot of fun. Thank you again to everyone who came by and participated. If you were not able to participate this year, there's always next year!

We would also like to correct a misprint in our wellness program brochure. Fees will be assessed on a sliding scale based on an individual's salary level. The sliding scale ranges from \$50 to \$250. The brochure had printed a scale ranging from \$175 to \$250. This is incorrect. We apologize for this mistake. However, this is a "good

mistake," (if there is such a thing) in that it will accommodate a lot more people's financial concerns. Our next column will address options employees have who were unable to get in this year's program.

### Wellness Tip: Food and Fat Myths

When it comes to heart disease, fat consumed in the diet is believed to be more damaging to health than dietary cholesterol. As we attempt to maintain a more health diet, we may be avoiding some foods that actually can be included in and considered a part of a healthful diet.

For example, eggs are a good source of protein, and eating up to three yolks per week is acceptable for most people, according to the American Health Association. Each egg contains 275 mg. of cholesterol and 6 grams of fat -- less fat than contained in one ounce of most hard cheeses.

Other low fat foods to consider are:

Jelly. Although jelly contains sugar, it has no fat and only about half the calories of butter or margarine.

Pancakes. A four-inch pancake has the same amount of calories as a slice of bread. Consider low-fat yogurt, a tablespoon of jelly or sliced fruit as toppings.

Pretzels. Some may have a high-salt content, but pretzels contain very little fat, about 90 percent less than potato chips. They also have fewer calories per ounce -- 110 compared to 150 for chips.

SOURCE: Tufts University Diet and Nutrition Letter.

## Networking Takes a Summer Vacation

By Judy Vandermark, Networking editor

Networking will be taking a summer vacation starting with this issue and we'll be in touch again early in the fall when the new academic year begins.

But before I say good bye for the summer I'd like to take a moment to thank the many individuals who contribute time and energy to pull together our biweekly paper. The editorial board - the folks who help out with Networking - are all volunteers and they deserve a big thank you for their year-long support.

The board meets twice a month on Tuesdays at noon in B-8 Roberts Hall. All employees are invited and encouraged to join the editorial board - we need writers, copy editors, poets and photographers and other interested contributors.

Departments also deserve a great deal of credit for their support of Networking. Information about department events and human interest news about employees is always welcome.

Thanks to all for a good year and have a wonderful summer!



# The Day Care Experience: Parents Learn Too!

**By Theresa Vander Horn**

When I placed my son Oliver in the Cornell Community Childcare Center (now the new Ithaca Community Childcare Center) I knew he was benefiting from the quality day care they provide. What I've been so pleased to discover is that my own parenting skills are benefiting as well. Let's face it: We can't be experts at everything we ought to be. We have to take our expertise where and when we can find it. It's been such an advantage to tap into the resource of very experienced child-care providers.

The child-development books will often tell you what not to do, such as don't spank, don't overreact to tantrums. But that often leaves you wondering what to do instead. Watching the knowledgeable and experienced caregivers, and talking at length with the other working parents at the center has provided me with a valuable education.

When my son became mobile and was finally able to act out his curiosity, I did not want to continually tell him "No" and "Don't touch." I followed the advice of

my child development book: I relaxed my standards and removed as many of the "no-nos" as I could. But a few "no-nos" persisted.

At the center I learned to always replace a negative with a positive. So "Don't through the blocks" became "Can you throw a ball instead?" and "Don't hit the window" became "Can you hit the floor instead?" (Sometimes we had to demonstrate and redemonstrate.)

It's been wonderful and it makes sense, too. Telling a child what he/she can't do, tells them nothing of how they can please you. This approach taught me to show my child how to be a winner. And when he does finally do as he's been asked (or shown), I've learned to be sure to thank him. Good behavior often goes unnoticed. So I always follow his good behavior with a "thank you" or "Good... I like that."

In the very brief time my son has been in the toddler group, I've already learned several useful approaches to redirecting his behavior. I used to say "Wait... be patient" when he was running off. But "wait" and "patient" are not things a toddler can understand and it doesn't tell him what he should do. From the kind and competent caregivers at IC3, I've learned to tell him "I need you to stop your feet... thank you." It's a small thing, but what a breakthrough in thinking! Tell a child what he can do to win your approval -- it's the one thing a child wants most in the world.

One of the most vexing and embarrassing behaviors is when one child hits another, especially a baby. I learned to calmly tell him that it hurts that child and to immediately show attention and affection for the child who was hit. This taught my son that hitting doesn't get him attention, it loses him attention (even scolding is a form of attention). The victim child is the one who gets the love.

In an attempt to win back my affection, he would immediately offer his own affection to the victim child, which I would accept and encourage (don't send him away!) Then I had something positive to reward.

I'm thrilled that my son will be learning to work things out by communication, not physical force. When another child hits a child or throws something, the hurt child is encouraged to tell the offender, "I don't like that." It not only encourages the child to assert himself in a positive (nonviolent) way, but it also encourages the children to work things out amongst themselves. The teacher is there to reinforce the positive.

And when he won't listen? He may just

be overly involved or not paying attention. So I've learned to be sure I'm being heard by re-establishing contact. I gently approach him, and ask him to "Listen to my words. I'm asking you to...." That makes sense, since simply shouting the request louder seems to only escalate or complicate the situation. On those few occasions when he continues the inappropriate behavior, I've learned to simply -- quietly and gently -- remove him from that activity and replace it with another.

These are simple things that work and yet the books don't always provide such detail. The books, important as they are, often focus on what not to do without providing the positive alternative. The caregivers at a quality center can provide the detail a book lacks. Watching creative caregivers in action is the perfect complement to reading the experts.

In an area like child development you may not see the effect of your own behavior for years to come. Trial and error takes a toll that sometimes can't be removed and redone. And so the considerable expense of my day care is both a day-care expense and an education investment -- for my own education. My son benefits from their expertise during the day at the center and in the evening and weekends at home as well. My government, my employer and my fellow working parents could provide no better service to me or our future citizens than quality child care. To the staff and supporters of Ithaca Community Childcare Center, a big thank you!

## Cornell Recreation Club News

A huge thank you to each and everyone of you that made our CRC flea market and auction a success: To each of you that worked so diligently in setting up and cleaning up; to those who contributed baked goods, flea market items, auction items, and chili for the concession; to those who contributed their time and energy working at the concession stand; and to those who patronized Lynah Rink on Saturday, it could not have been done without your help.

A very special thank you to Gene Beavers who secured Lynah Rink and was instrumental in the setting up and clean up and to Roberta Beavers and Jim Dunston who coordinated and oversaw the success of the Flea Market.

Have you been on a CRC trip lately? Here's a look at our upcoming events:

**YANKEE BASEBALL** - July 15, 1989  
Join CRC and those "Old Timers" at Yankee Stadium on Saturday, July 15 for one of the favorite games of the season. After enjoying the Old Timers game, watch the 1989 Yankees play against the Kansas City Chiefs. Your cost is only \$38 for your admission ticket and your bus transportation. I must have your reservation no later than Thursday, July 6, 1989. Call 255-7565 for your seat today!

**HERSHEY PARK** - August 26, 1989  
Come along with CRC to the wonderful world of chocolate! Chocolate Town,

USA, Hershey, Pennsylvania! Enjoy your day at the beautiful Hershey Park. Rides, shows, paddle boats, miniature golf, Zoo America and much more awaits those who join us on this delightful trip. Do you dare to try the SuperdooperLooper? The price for your bus transportation and Hershey Park admission ticket is only \$37. Can you afford not to join us?

**TORONTO** - August 17-20, 1989  
This trip is on a wait-list basis at this time. A reminder to all trip participants -- I'll need final payment at the end of June.

**LAS VEGAS-SAN FRANCISCO** - September 29 - October 6, 1989  
This exciting trip offers the glamour of Las Vegas and the beauty of California's Napa Valley. You'll find yourself enjoying the shows and gambling of Las Vegas to dining and shopping in Sausalito, a visit to the wine country, Muir Woods and Alcatraz. A wonderful week for only \$850. Call CRC today and reserve your space.

**BUFFALO BILLS' FANS!**  
We are in the planning stages for our annual trip to Buffalo. We're hoping to schedule this trip for one of the games in October. Stay tuned for more information.

**NEW YORK CITY** - December 2, 1989  
New York City and Radio City Music Hall, shopping and fun! Join CRC for our annual holiday trip to New York. Prices and details soon.

## Focus on the Employee Assembly

**By William Herman**

As the Employee Assembly begins a new year, there are a few new faces. Congratulations to Leslie Smith-Darling, Angela Evans, and Janice Swansbrough on their election.

Our last two meetings, May 3 and May 17, were mostly organizational. The officers for the coming year are as follows:

Chair: William Herman  
Vice Chair: Janice Swansbrough  
Secretary: Suzanne Sager  
Parliamentarian: Alberta Calihan  
I look forward to working with this fine group.

At the moment, the transportation issue (parking) is on everyone's mind.

While there has not been a resolution to the problem as yet, progress is being made. (Watch for revisions to the proposed plan.)

If you have any concerns that you feel the Assembly should address, contact me or any member of the Assembly. You can reach me through the Assemblies Office at 165 Day Hall or phone 255-3715.

Everyone is cordially invited and encouraged to attend any Employee Assembly meeting. Currently we meet on the first Wednesday of the month in the third floor Conference Room of Day Hall at 12:15pm. I look forward to seeing you at our meetings and hearing from you regarding questions or concerns you may have.

## Commencement Committee: Many Thanks to All Volunteers

- Michael Abarbanell
- Julian Abele
- Barbara Abrams
- Leah Adams
- Sandy Adams
- Susan Adleman
- Paula Aiken
- Irma Almirall-Padamsee
- Anita Aluisio
- Paul Andrews
- Patricia M. Ard
- Ann Argetsinger
- Karin Ash
- Michael Aug
- Jean Babcock
- Elizabeth Bagnardi
- Bonnie Bailey
- Jean Ballard
- Maryanne Banks
- Rick Banks
- Debbie Barber
- Laura Barry
- Paul Bartishevich
- Cleo Bash
- Joyce Beckley
- John Belina
- Terry Beloin
- Beverly Bender
- Joel Bender
- John Bender
- Susan Bender
- Catherine Benedict
- Jake Benninger
- Sherri Bergman
- Alene Bernstein
- Anne Beyer

- Anne Bland
- Sue Blish
- Susan Boedicker
- Agnes Boncek
- Keith Boncek
- Clare Bonnar
- Jerry Boothby
- Rita Boothroyd
- Del Boss
- Charlotte Bosworth
- Jane Bowen
- Ellen Bowmaster
- Debra W. Brady
- Dann Braid
- Patricia Brand
- Brenda Bricker
- Donna Brown
- Irene Brown
- Charlotte Bruce
- Chris Bruce

- Maureen Brull
- Eve Bumbalo
- Dave Burnett
- Bruce Bush
- Dennis Butts
- Alberta Callihan
- Susan Campbell
- Mary Jo Cantwell
- Robert Carlisle
- Mary M. Carmichael
- Edward Carney
- Nancy Carney
- Sandra Carrington
- Christa Carsello
- Lael Carter
- Neff Casaburri
- Jamie Catlin
- Maureen Chapman
- Carol Chock

- Ron Chrzaszcz
- Barbara Clark
- Bob Colbert
- Margaret Coles
- Ray Coles
- Susan Coles
- Janice Conrad
- Sandy Cook
- Melissa Cooper
- Phil Cox
- Shirley Cunningham
- Jean Currie
- Joanne Davenport
- Kevin Day
- Glenn Deadmond
- Jane Death
- Murray Death
- Donna Decker
- Cassie Dembosky

- Bill Deming
- Dorothy Deming
- Laura Denardo
- John Dentes
- Jenny Derksen
- Sharon Detzer
- Susan L. Detzer
- Patty DeViva
- Jim Dunston
- Andrea Dutcher
- Harry Dutton
- Anne Dyckman
- Betsy East
- Margarita Echeverri
- Joe Edminister
- Douglas Elliot
- Laura Ellis
- Linda Emmick
- Ann M. Erickson

- Earl Evans
- Georgianna Farmer
- Kim Fassett
- Adele Feierstein
- Bernard Feierstein
- Debra Ferguson
- Tammy Ferris
- Seth Fichter
- Ken Finlayson
- Joan Fisher
- Cindy Fitzgerald
- Josephine Flomerfelt
- Hilary Ford
- Bridget Foster
- Jack Fouts
- Bruce Frantz
- Deborah Friends
- Gloria Fulton
- Betty Ganung
- Tammy Gardener
- Cristen Gardner
- Anne Garretson
- Barbara Gates
- Kathleen Gemmell
- Ermina Gentile
- Joe Gibbons
- Vincent Gibbons
- James Gibbs
- Bill Gilligan
- Penny Givin
- Carvel Gold
- Alicia Goode
- Judy Goodwin
- Vickie Goss
- Lisa Gould



Impaired-guest section ushers



## Ithaca Community Childcare Center Offers New Summer Program

Ithaca Community Childcare Center (IC3) recently opened its doors at 126 Warren Road. Inside this child-friendly, newly built center, 126 children, ages eight weeks to five years of age, will enjoy the bright and airy surroundings year round. The new center is based on the partnership of the community, Cornell, state funding, and thousands of volunteer hours from

Kathy Loehr-Balada states that the opening of this center is an important first step in meeting the need for childcare in Tompkins County. "We certainly cannot sit back and wait. We must continue to identify programs that help families in the community. For this reason, we have a special full-day summer program for kindergarden and first grade at a downtown location."

The program is designed to serve children whose parents feel have outgrown traditional full-day childcare programs, but are still too young for the

full-day camps that require much independence for the long days outdoors.

The five, six and seven-year olds enrolled in IC3's summer program will use a downtown school as their base during the day. Several times a week they will go on field trips to area parks, walks to the library, and tours of downtown businesses and interesting sites. At other times they will enjoy the cool indoor classrooms with arts and crafts activities, reading books, board games, music and special projects.

There are still a few openings in this unique summer program. It runs from June 26 through September 1. Tuition is charged on a sliding fee scale and tuition assistance is available. Call if you are interested in this, or any other program, at Ithaca Community Childcare Center, 257-0200.

**Paul Kintner, associate professor in Electrical Engineering and IC3 Teacher Paul Arbo enjoy watching 4 and 5 year olds**



## Cayuga Lake Fishing Tournament Organized by Cornell Employees

Over 100 anglers participated in the annual C.J. Foote Memorial Cayuga Lake Fishing Tournament which was held May 18-21, 1989.

The tournament was organized by two Cornell employees, Bonnie Clark and Bill Douglas, of the Office of Human Resources and participants included a number of Cornell employees.

The winners fell into one of three categories: lake trout, salmon, and rainbow trout. Prize money totaling \$3,700 in cash prizes. Cornell employees were among the winners: Francis Woodard with a 9 lb. trout (6th place); Larry Payne with a 9 oz. salmon (3rd place); and Bill Douglas with a 7 lb. 6 oz. salmon (1st place).

The derby is scheduled for May 30 and prize money will be \$1,000 to include a grand prize winner and prizes in the brown-trout division.

The derby is designed to encourage a release system with only larger fish for prizes. Next year a raffle will be held (as a separate part of the event) and prizes will be rods and reels and a grand prize of an outboard

motor. Every entrant has a chance to win one of the raffle prizes during the course of the tournament.



**Fishing Tournament Coordinators Bonnie Clark and Bill Douglas**

## Breakfast with Senior Vice President Morley

**By Kathleen O'Brien**

On May 17, 1989, Networking member Kathleen O'Brien attended a breakfast with Senior Vice President James E. Morley, Director of Human Resources Lee Snyder, and other concerned Cornell employees in the Taylor Room South, Banfi's Restaurant, Statler Inn.

Senior Vice President Morley communicated his appreciation to the employees for sharing their thoughts and concerns. Mr. Morley expressed interest in topics raised at other sessions which includes: traffic, transportation, day-care problems, and the late night parking situation for women.

The green-space issue was addressed and Mr. Morley stated that the Trustees were very concerned. He stated that numerous items must be considered to allow for green space and buildings to coexist. Transportation and parking, service for buildings (supplies, etc.), traffic ability, utility structure (steam pipes, water, etc.) and landscaping must all be considered when new construction is being planned for. One case is the new library which is to be buried in center campus instead of being moved off campus in the direction of the orchards.

Safety for employees moving to and from the various parking areas and garage was another concern voiced by an

employee. Mr. Morley agreed that the garage could be a frightening place at night since it did have some dark spaces. He stated that the garage, specifically, was going to be relamped for better illumination and safety.

A concern for safety was voiced when the new 40 acre East Hill parking lot comes into use. Roads around East Hill Plaza will have to accommodate new traffic. Lisa Blackwell, 5-5357, mentioned that there had been, and would probably be more, meetings expressing concerns about parking out at East Hill by the citizens living in that area.

Mr. Morley explained how the decision was made to increase the transportation budget. Fees will have to go up. If employees don't pay an increasing portion of the cost, it will have to go onto tuition. He stated that Cornell would try and get state assistance for parking which is offered to other state-funded colleges.

The hour's discussion was ended with Senior Vice President Morley thanking everyone for their views and concerns. He hopes that he can meet with more concerned employees at future breakfasts and lunches. He reinforced his interest in hearing directly from employees during these meetings.

## Commencement Mugs May Be Picked Up at Commencement Office, B-25 Day Hall

**Photos by Charles Harrington**

Charles W. Hurlbut  
Yllis Hurlbut  
Catherine Hyatt-Milton  
Gie Hyde  
Mohammad Idrees  
That Idrees  
Even Jalso  
Eraine Jayne  
Thy Johnson  
Margaret Johnson  
E Jones  
E Jones  
Ann Jordan  
Nny Joyce  
Kaff  
n Kalantar  
n Marie Kaminski  
b Kantor  
ra Karasin  
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san Kelley  
William Kelly  
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ary Rita Kessler  
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nette Lacey  
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ell Lallas  
a Lalonde  
aret Lalor

Walter Lalor  
Oscar Larson  
Barabara Lauber  
John Lauber  
Donna Lawton  
Mae Leckey  
Darryle Lee  
Kathleen Lee  
Jayne Legro  
Jim Lenna  
Allan Lentini  
Susan Lerner  
Rick Lightbody  
Carolyn Lindquist  
Ken Lindquist  
Ted Lindsay  
Joe Lomax  
Kathryn Lomax  
Joanna Lynch  
Eric Lyon  
Connie Mabry  
Linda MacHenry  
Marne Mahlum  
Carol Markwei  
Deborah Marshall  
Bonnie Mather  
Joe Mazza  
Cheryl McCord  
Joanna McCully  
John McKeown  
Carolyn McPherson  
Teresa Mei  
Debra Melanson  
Jodie Meyers  
MJ Michaels

Renu Miles  
Dorothy Milton  
Gina Modica  
Laurene Mongelli  
Cathy Mooney  
Richard Mooney  
Alison Moore  
Mack Moreland  
Glenn Morey  
Betsey Morley  
Nancy Morris  
Agnes Morrison  
James Mullane  
Desne Murdoch  
Safia Naqi  
John Newton  
Donna Nicholson  
Andy Noel  
Janiece Bacon Oblak  
David Oey  
Christine Offutt  
Dennis Osika  
Donna Paddock  
Julie Paige  
Marilyn Paluba  
Will Parker  
Doug Parsons  
Joanne Parsons  
Mary Patterson  
Gary Pattison  
Sharon Pelosi  
Tim Pendergast  
Gail Pennington  
Deborah Pepe  
Tom Pepe

Andrea Petersen  
Mary Place  
Lynn Pond  
Diane Poole  
John Potter  
Eliana Protzel-Lucente  
Sue Quick  
Theresa Rapacki  
Pamla Raye  
Mary Anne Reagan  
Ann Redelf  
Bob Reese  
Jean Reese  
Keith Reitenbach  
Susan Reitenbach  
Janice Ricardo  
Michael Riley  
Jane Roberts  
Laurie Roberts  
Ken Robinson  
Christine Rocha  
Madeline Rockcastle  
Bruce Roebal  
Grant Rogers  
Larry Russell  
Grace Saatman  
Rose Sagan  
Susan Sager  
Jean Samuelson  
Sharon Sanford  
Amy Santeusano  
Mark Savage  
Judy Scarpella  
Linda Schempp  
Karl Schmid

Elke Schofield  
Anita Schott  
Beverly Scofield  
Jean Scofield  
Elaine Scott  
Margaret Seacord  
Danae Seeman  
Cheryl Seland  
Pat Sellen  
Paula Sidle  
Jeff Silber  
Amy Sindone  
Joe Sirico  
Kristin Skarie  
Mary Slaght  
Joe Slopiolosz  
Amy Smith  
Darin Smith  
Donna Smith  
Kathy Smith  
Pat Smith  
Susan Snyder  
Patricia Sopp  
Gregory Stahl  
Karl Staven  
Sandy Stein  
Jodi Steiner  
Art Stern  
Randy Scott Stevens  
Judy Stewart  
Arthur Stiers  
Bea Stiers  
Ron Stone  
Dwi Susilowati  
Jean Szabadi

Mary Lou Szabol  
Migueling Tabar  
George Taber  
Barbara Taylor  
Gary Thomas  
Gerald S. Thomas  
Ruth Thomas  
Catherine Thompson  
Tracey Thompson  
Jeanne Thoren  
Anne Thumm  
Emily Thurston  
John Tran  
Douglas Trenchard  
Jean Trenchard  
Carol Trudeau  
Elizabeth True  
Jeanne Truelsen  
Tom Tseng  
David Tsui  
Sharon Turecek  
Donna Updike  
Judy Van Gorden  
Joyce Vandenburg  
Linda VanNess  
Dominic Versage  
Kate Von Berg  
Donna Vose  
R.W. Wagner  
John Walker  
Toni Ward  
Pam Warner  
Kaye Westfall  
Marguerite Wetzel  
Camille Whatley

Meg Whiston  
Donna Whiting  
Ben Williams  
Ed Wilson  
Sarah Wilson  
John Wishart  
Jane Ruth Wood  
Ione Worth  
Jack Writer  
David Yeh  
Charles Yohn  
Darlene Zaharis  
Pam Zinder





CRC Caribbean Cruise: A Very Enjoyable Ten Days

By June Franklin

On Wednesday, March 1, 14 passengers originally scheduled to go on the CRC cruise aboard the SS Norway, left for San Juan Puerto Rico to board the

Norwegian Cruise Line's ship "The Skyward." They boarded the ship in San Juan and were on their way to the Caribbean.



Left to right: Front row: Fay Bower, Judy Bower, Al Hodges Middle row: Jane Stone, Bev Stone, June Franklin, Andrea Hodges Back row: Henry Stone, Earl Stone, Bill Franklin, Gary Tingley, Pam Hurst-Tingley, Earl Wainwright, Pam Wainwright

Unclassified Ads

1. Please send all unclassified ads through Campus Mail ONLY to Networking Unclassifieds, Humphreys Service Building, (hand delivered ads will be omitted) - no phone calls please. 2. For our information your name and campus phone number MUST be submitted with ads, otherwise your ad will be omitted. 3. All unclassified ads are free of charge to Cornell faculty, staff and students and will be printed in the order received as space permits. 4. Please limit your ad to 30 words or less. Any ad longer than 30 words may be shortened by the Networking staff. 5. Unclassified ads are for nonbusiness purposes only. 6. If an error appears in your ad, please resubmit the ad to be published in next available Networking. 7. Please submit an ad for each issue that the ad should appear in.

FOR SALE

1987 Ford F150 XLT Lariat 4x4, automatic, 300 6 cylinder EFI engine, absolutely loaded, AC, AM-FM cassette, power, cruise, tilt, bedliner, much more, low miles, 844-9889 after 5pm. 1987 Pontiac Sunbird SE, 24K miles, 2 dr, automatic, 4 cyl, fuel inj, AC, PS, PB, PW, AM-FM cassette and more, exc cond, asking \$6,600. Chad 5-5109. 1987 Corsair Sunbird 18' boat with 120 hp Cobra inboard-outboard engine and Shorelander trailer, 273-7968 anytime. 1986 Renault Alliance, 4 dr, auto, AM-FM cassette, 35k, \$3,800 - offers: assorted storm windows, best offer, 5-2774 or 659-4925 (leave message). 1986 Tempo GL Sport, black, 4 cylinder, 5 spd, AM-FM cassette, cruise, power steering and brakes, 31k miles, exc cond, no rust, asking \$4,650, 387-9497 or 5-2398. 1986 Corsair Sunbird 18' boat with 120 horsepower engine (Cobra) Inboard-Outboard and trailer, 273-7968 anytime. 1986 Chevy Cavalier Z-24, 36k miles, 4 spd standard trans, power door locks, AM-FM stereo, tilt steering, front nose cover, like new cond, asking \$10,000. Lisa 5-8656 days or 257-5493 after 5pm. 1986 Chevy Caprice Classic, 27k miles, automatic trans, cruise, air, AM-FM stereo, good tires, no rust, 5-5788 or 272-7685 eves. 1985 Isuzu Trooper II, 55k miles, 4WD, AC, AM-FM, great winter vehicle, \$52,000, 532-4766. 1984 power boat, 21', cuddly cabin, Mercruiser I-O, fully equipped includes radio, compass, icebox, potty, full canvas, low hours, exc cond, \$10,900, 539-7910. 1983 Suzuki 650 Tempter, bought new in 1985, low miles, sport fairing, luggage rack, crank case protector, \$1,000, 5-2455 or 257-7601. 1980 Camaro Z-28, 351 V-8 automatic, needs minor body work, can be seen in B-lot days M-F, \$2,800 OBO, 253-3042 M-F or 594-2356, 594-3536 eves. 1980 Ford Fiesta, mechanically exc, reliable for long distance travel, peppy engine, clean, minimal rust, avail May 31, leaving aboard, \$1,300 OBO, 257-4034 eves. 1980 Chevy Monte Carlo, 130k miles, 8 cyl, good shape, \$2,000 OBO, Chris 5-2262 or 277-7301 after 5pm. 1980 Ford Pinto, auto, only 64k miles, good body and interior, 2 dr sedan, exc cond, \$600, 257-7473 eves and wknds. 1980 Trans Am loaded, auto, PS, PB, PW, P-trunk, T-Tops, air, stereo, 31k miles, charcoal-grey with red interior exc cond, \$5,900, 844-4269 after 5pm. 1979 Audi 5000S, new rubber, sunroof, cruise, AM-FM, no rust, sharp, \$2,995, 535-4007 eves. 1979 Audi 5000S, new rubber, sunroof, cruise, AM-FM, no rust, sharp, \$2,995, 607-535-4007 eves. 1978 Pontiac LeMans, 4 dr Sedan, runs good, new brakes and exhaust, some rust, \$750; 1969 long van with 1977 Chev engine and trans 15k miles since engine rebuilt, \$750, Dick 539-6468 after 6pm. 1978 Ford F150 Super Cab 4x4 pickup, 128k miles, 8 cyl, automatic, \$3,000 OBO, Chris 5-2262 or 277-7301 after 5pm. 1978 Mercury Cougar, 659-5009. 1976 Vega wagon, dependable, best offer, 5-0998. 1976 Jeep Cherokee, auto, V-8, exc cond, \$2,500, Priscilla 5-4824 or 869-5414 after 6pm. Four rims for P205-75R tires; two B78-13 tires, mounted, good condition, best offer, separately or together, 257-6271 after 7pm. One pr 165SR70-12" Yokohama all-season radial tires, used 1 mo., \$130 pr new, asking \$80 OBO, 844-8055 or 5-6144.

Rear mount tiller for bolens 10 or 12 horsepower garden tractor, 273-7968 anytime. VW Dasher-Audi Fox wheels, \$10 for 2, never remount your snow tires again, 5-2592 days or 387-6509 eves. Moving sale, full mattress, table with 4 chairs, mixer, women's coat, utility drawers, lamp, barbecue, car, coffee table, 257-4034 eves. Trundle bed, \$40; lrg painted chest of drawers, \$50, 277-0446 eves. 16' MFG fiberglass boat with 45hp motor, complete with EZ loader trailer, life jackets, and extra fuel tank, \$750 neg, 844-4881 eves. Walnut finish bar, new \$150, 257-7557 after 5:30 M-F and weekends. Two men's 26" 10-spd bicycles, very good cond, \$35 each, 844-4881 eves. Remington Model 1100, 12 GA with trap and skeet barrels, \$350, 5-3130. Dark pine diningroom set with lrg hutch, table with 2 leaves and 6 chairs, \$800, not Formica, 273-7515. Oval oak veneer table, seats 6, \$100, Rick 254-2442 or 564-7635. Woodstove, antique Buckwalter-Cayuga Oak, 5' tall, round, heats well, very ornate and decorative, takes 27" lengths, \$285 OBO, 347-4858. Porcelain bathroom sinks, mirror, toilet bowl set, Whirlpool elec stove, stainless steel double kitchen skin, flute, complete aquarium, 539-6110 after 6pm. Dining room suite, outstanding 12 piece Spanish-style, \$2,300, 347-4874 eves. Drapery and rods, two pr antique gold pinch-pleat, one pr 144x80" second pr 144x92", very good cond, \$250 for both pr including double traverse rods, 347-4874 eves. Luggage, two matching soft-sided Grashopper suitcases, charcoal tweed with black vinyl trim, 18x24x6, slightly used, good cond, \$50 pr, 5-2691 days or 272-1508 eves. Complete drum set, exc cond, all pieces and equipment, many extras including all carrying cases, son graduated from school - not an inspiring musician, \$800, 347-4874 eves. Two bathtubs, \$10 each; twin mattress, \$25; raw wool and mohair, 564-9223. Smith corona elec typewriter, \$50; coin set, lrg variety, silver dollars, halves, quarters, proof sets, etc. Marc 277-0197 eves. Frigidaire dryer, sewing machine (portable), coldspot refrigerator, 5-3214 days or 272-6086 eves. 1 white garage door with windows (9' x 6'4"), \$75; 2 double-hung Anderson windows (rough opening 3'5 1/4" x 1'10 1/8"), \$50 each; 1 white oval kitchen table with leaf, \$35, Cheryl 5-4606 days or 315-497-1850 after 5:30pm. 3-4 bdrm house, Spencer, 1 1/2 bath, eat-in kitchen, pool with walk out deck, nice neighborhood, low '60s, 589-4078 eves or Vicki 273-5310 ext. 3448 days. 1981 Titan mobile home, Meadowbrook court, Newfield, 3 bdrm, front kitchen, stove, refrigerator, washer and dryer, 8x10 metal shed, \$10,500, 5-3074 days or 273-3455 eves. 12x65 mobile home set up in country park, appliances included, good cond, pets ok, convenient to CU, \$10,000 neg, 844-4881 eves. Mobile home, New Yorker located in Parkwood Village, good sound home with appliances (washer and dryer also), 257-4391. Four bdrms, 2 1/2 baths, living room, dining room, kitchen, family room with fireplace, laundry room, attached two-car garage plus separate two-car garage and storage, professionally landscaped, on T-burg Rd, 5-4492 or 272-7685 eves. Attractive remodeled home outside Ithaca in small village setting, four bdrms, 2 baths, new eat-in kitchen, dining room, sunroom, lrg lot, 3-story barn, fruit trees, well insulated, affordable, (below \$60,000), 5-5482. CRA registered Himalayan kittens, family raised and adorable, Seal and Tortie points, 315-889-5150 after 4pm. FREE To good home, 18 month old male Schipperkee, approximately 16 lbs, AKC registered, gets along well with people and other dogs, owner must find new home for him due to health problems. 533-4767. WANTED House sit-sublet, single professor from Chicago needs house sit-sublet July 8-August 8, although shorter is ok, 539-7774. Dining room table with leaves, 277-2228. Small movable cabin or yurt, 277-2228.

There were 750 passengers aboard from as far away as Oregon, the Midwest, northeastern sea board, and Florida. The food on the ship (and off) was excellent and the entertainment was enjoyed by all. The ship stopped at many ports in the Caribbean: St. Croix, St. Maarten, St. Lucia, Grenada, Barbados, St. Kitts and St. Thomas.

Most of the islands held a captive and attentive audience who spent a lot of time sight-seeing and shopping (buying everything from a diamond ring for an anniversary present, to jewelry, cameras, shoes, clothing, and even a wedding gift). After a busy day most of the group met on the sundeck and enjoyed the warm weather (mid-80's) for the rest of the afternoon.

On Sunday, the group took the tour in Grenada to a beach where both the sand and sea were enjoyed. The tour guide

gave a very thorough and interesting history of the island.

After reboarding the ship in San Juan, the group was invited to attend the wedding of Pam Hurst and Gary Tingley who had made arrangements to be married in St. Thomas. With the maitre de's help, plans were made for a celebration and the entire group sat at the captain's table for the evening.

Since June Franklin made arrangements to take her nephew, Bill, to see the charter boat "The Solid Gold Too," whose home port is St. Thomas, we enjoyed the afternoon with Captain Steve Muse.

After leaving St. Thomas, the group headed for Miami spending two days at sea enjoying the sunshine and winding down after a very enjoyable ten days. Everyone enjoyed the cruise and are all looking forward to going again in the future.

Cornell Retirees News Association

by George Peter

The Cornell Retirees Association has elected new officers. President is Margaret Seacord, formerly administrative supervisor in the Center for Radio Physics and Space Research. Vice President is Professor Ken Greisen, former professor of physics and former dean of the faculty.

Jean Morehouse, the former secretary to the dean of the faculty, is the new secretary of the association. Virginia

Greenwood, retired research aide in agriculture economics was elected treasurer.

Outgoing officers are Ira Reed, retired farm manager in Poultry Science, and Art Bratton, retired professor in Agricultural Economics. Reed was president and Professor Bratton was vice president.

A very tentative schedule is as follows: A retirees BBQ prepared by Ira Reed September 13 or 14 at 12:00 noon. Details to follow.

A program on health insurance on November 1, 1989 for statutory and November 2, 1989 for endowed.

A dish-to-pass meeting with program (to be announced) for February 14, 1990. Annual meeting May 9, 1990.



Danny Thomas

Thomas Family Expresses Appreciation to Cornell Community

The family of Daniel E. Thomas would like to thank everyone for the cards, prayers, food and money we received due to the loss of our son and brother.

Thanks, Mr. & Mrs. George Thomas, Jr. Mr. & Mrs. George Thomas, Jr. & Family Mr. & Mrs. Randy Thomas & Family Mr. & Mrs. Danny Hart & Family Mr. Charles Thomas

HOUSESETTING

Mature individual will house sit your home while you are away this summer. Cheryl 5-4606 or 315-497-1850 after 5:30pm.

Editorial Board

John Bender Ruthanne Broderick Alberta Callihan Sharon Gunkel William Herman Judy McPherson Kathleen O'Brien George Peter Singrid Peterson Graham Stewart Anita Stuever Janice Swansbrough Donimic Versage

Editor-in-Chief Judy Vandermark

Human Resource Liaison Laurie Roberts

Production Cheryl Seland



# Cornell Summer Preview

Published by the Cornell University Division of Summer Session, Extramural Study, and Related Programs

## Welcome to Summer at Cornell

by Charles W. Jermy Jr.,  
Acting Dean

I welcome you to Cornell Summer 1989, the ninety-eighth year of the Cornell University Summer Session.

By any measure, Cornell is one of America's great universities. But Cornell is unique among the major universities in a way that matters most during the summer season: it is surrounded by an easily accessible environment of unspoiled natural beauty. This means that we who are privileged to spend a summer at Cornell can enjoy all the pleasures of summer—intellectual, cultural, esthetic, social, and athletic.

Most of you have seen the 1989 Summer Session catalog, which has on its cover the dramatic photograph of Enfield Glen by Professor

Arthur Bloom of Cornell's Department of Geology. (Picture postcards of the same scene are available free of charge at the Summer Session office—be sure to get some!) We chose that scene for our cover not only because it is striking and beautiful in a way that typifies our location, but because of the central element in the picture, the stone bridge.

The bridge symbolizes Cornell's Division of Summer Session, Extramural Study, and Related Programs, which is made up of a number of departments that offer many programs to a variety of audiences—college students, high school students, young children, adults seeking professional updating or personal enrichment. Using a great range of formats, our Division serves as a bridge between Cornell—its faculty members, its academic

departments, its colleges—and people who want and need the resources of the University. The bridge works in both directions: we make new audiences aware of what is available to them at Cornell, and we make Cornell aware of new groups of people it can serve.

This is also the bicentennial year of the French Revolution, and we have chosen the concept of "revolution" as our campus-wide summer theme. Faculty members and distinguished visitors will explore the theme in courses, in lectures, and in arts performances.

We invite you to join with us in considering the meaning of the revolutions that are shaping and changing our lives, our culture. Individually and as a community, let us make the most of our 1989 Cornell Summer!



Chip Tilden

A Summer Session student working outdoors.



The Cornell Summer Lecture Series is part of a full schedule of free special events sponsored by the Division of Summer Session, Extramural Study, and Related Programs. Page 4 is a calendar listing many of these events.

## Lecture Series Focuses on Revolution

by Martha Garrison

The Cornell Summer Lecture series, which takes place on Wednesday evenings at 7:30 pm, focuses on "revolution" this year, the bicentennial of the French Revolution. Revolution suggests change—situations that call for change and change that is occurring—and the price some will pay to benefit others. This year's speakers will address homelessness, ageism, the agricultural revolution, and the United States' declining fertility rate. Avis' Employee Stock Ownership Plan will be enthusiastically described by chairman Joseph Vittoria, and new insights into elephant communication from a Cornell researcher complete the series. The lectures are free and

everyone is invited to attend.

"The Birth Dearth: The Demographic Revolution" opens the lecture series, presented by Ben J. Wattenberg, senior fellow at the American Enterprise Institute, a research organization in Washington, D.C.

Wattenberg is a television and radio commentator, author of *The Birth Dearth* and *The Real Majority*, co-editor of the magazine *Public Opinion*, writer of a monthly feature in *U.S. News and World Report*, and chairman of the Coalition for a Democratic Majority.

In his lecture, Wattenberg addresses the question of whether America is in decline because of a low fertility rate. He argues, "although America will grow for a while, there is a

no-growth future, according to the latest census reports, leading to a demographic deficit." In a February, 1989 *New York Times* article on population decline, Wattenberg asserts that if this downward trend persists, "there will be great turbulence in American life, including a labor shortage, reduced competitiveness in the international market, and an inability to pay for health care of a growing elderly population."

Wattenberg approaches this problem with a one-word solution: more. More immigrants, particularly young workers, will relieve the coming labor shortage and put a quick dent in the consumer shortage. They will create more jobs by their demands for goods and housing than they will consume existing jobs. Wattenberg delineates in his lecture the demographic issues facing the United States, and he examines the legislation needed to pull in young, hard-working, patriotic immigrants.

"Homelessness in America: Which Revolution Is the Answer?" is the question with which Cornell trustee Joseph Holland has grappled by starting a holistic men's shelter in Harlem. Called Hark Homes, it is holistic because Holland believes in offering the men not only a hot meal and a bed but also job training and placement as well as spiritual camaraderie.

An All-American football player, honors graduate of

Cornell University and Harvard Law School, and off-Broadway playwright, Holland is also a born-again Christian who believes he was called from an affluent, privileged life to Harlem. There he fulfills his parents' teachings "to improve the lot of my people." Of his internship on Wall Street, Holland says: "I got to the point where I had to decide what to do with my life, and my conscience made me really uncomfortable. The typical route of corporate practice on Wall Street was out."

Holland will speak on homelessness and his mission to help alleviate it by welcoming the men who stay at the shelter as "whole" persons deserving respect and needing spiritual, emotional, and practical help. He will speak on his success with this approach to combating homelessness.

In the series' third lecture, Patricia Moore will address "Ageism: The Battle of Our Time." Like Holland, Moore has used a revolutionary strategy to clarify a social problem. From 1979-1982, Moore traveled throughout the United States and Canada disguised as an 85-year-old woman. She chronicled her experiences as an elderly woman responding to people, products, and environments in her book *Disguised: A True Story*.

In her lecture, Moore will focus on the need for "a dramatic revolution in thinking

and culture: one which rejects the narcissism of the 'me generation' to one which addresses the selflessness of a 'transgenerational' approach for our society."

Moore is an internationally known gerontologist and founder of Moore and Associ-

Moore traveled throughout the United States and Canada disguised as an 85-year-old woman.

ates, a research and design firm in New Jersey that develops new products and services for consumers over 50 years of age. She will address the challenges that the elderly and sensory-impaired encounter in their daily lives, basing her remarks on the insights she gained as she lived those challenges. Moore's lecture will be highlighted by slides which illustrate her experiences as an elderly woman.

Energetic, original solutions to problems affecting many Americans characterize this summer's lecture series, and Joseph Vittoria's is no exception. Vittoria, chairman of Avis, Inc. since 1982, helped set up an

(continued on page 3)



Jon Crispin

Cornell trustee Jerome Holland outside Hark Homes men's shelter in Harlem, which he founded, with neighborhood youngsters.



The Summer Asian Language Program is a Special Program of the Division of Summer Session, Extramural Study, and Related Programs.

## Learning the FALCON Way

by Margo Hittleman

Summertime and the living is easy—for some, that is. Participants in Cornell's FALCON (Full-year Asian Language Concentration) program, on the other hand, are putting in busy days in their quest for fluency in East Asian languages. The results, however, are worth it. FALCON, created in 1973 by Cornell professor Eleanor Jorden (now a faculty member emeritus) and based in the Department of Modern Languages and Linguistics, is the only full-year

intensive Asian-language program at an American university. Instruction is offered in Chinese, Japanese, and Indonesian (the last has no summer program).

The operative word is "intensive." Starting in June, classes in the Summer Asian Language Program begin at 8:30 a.m. with oral drilling—no English allowed. Memorized dialogues, spontaneous discussions, and other oral practice led by native speakers alternate throughout the morning with individual sessions in the

program's language labs. After a brief break for lunch, the sequence resumes until approximately 4 p.m. Then, of course, there's the homework.

This routine continues five days a week for nine weeks, but from half to two-thirds of those who begin in the summer remain for the fall and spring semesters. By the end of the year, they have covered three to four years of a regular language curriculum.

"We strive to find just the right amount of tension," says Julian Wheatley, director of FALCON's Chinese language program. "Learning a new language takes a long time, and it can be demoralizing. Through the intensity of the FALCON program, we try to send students off with a flying start. When it works, it works very well."

Recent program graduate Charles Cummings agrees. "I came unable to say a single word in Chinese, not knowing any Chinese people, not even knowing much about China," he says. "After just three semesters, I feel fairly confident speaking the language and know a great deal about Chinese culture and politics. It's an amazing program."

An exploration geologist who turned to energy investment and marketing when the oil market faltered in 1986, Cummings plans to leave for Taiwan in September—with his wife and three children—to start a new business venture.

FALCON students are a diverse group. Like Cummings, few have any prior background in the language, and most come from outside the Cornell

community. Some participants are graduate students—in a variety of fields—who need to "learn the language fast." Many are professionals, in business, law, or government. During the summer, the Japanese program also admits a number of students from Cornell's Johnson Graduate School of Management who are completing a joint M.B.A./M.A. in Asian Studies.

They are drawn by the concentrated program, top quality instructors, and Cornell. FALCON classes are supplemented by Cornell's world-renowned East Asia Program, which ensures that a variety of films, seminars, speakers, conferences, and other gatherings are available to FALCON students.

The class composition has changed in recent years, particularly among those studying Japanese. A decade ago, most students were Asian-study specialists, says Japanese program director John Whitman. Now, a growing number are in science, economics or political science fields and looking to work in connection with Japan in some capacity. Both programs are also seeing growing numbers of engineers.

The trend reflects the changing job market, Whitman says. For many jobs, the ability to speak Japanese is an asset. But it's no longer a sufficient skill in and of itself. Employers want someone with specific training in their field who can speak Japanese as well. As a result, this summer's enrollment of twenty-four students is double the number two years ago.

The FALCON program's criteria for admission reflect the diversity of its students. "We look for success in language

learning, the ability to learn as rapidly as we teach," says Wheatley. "Absolutely anyone can apply. We've had high school students here and retired people eager to learn Chinese. If we think they can do it, they can join."

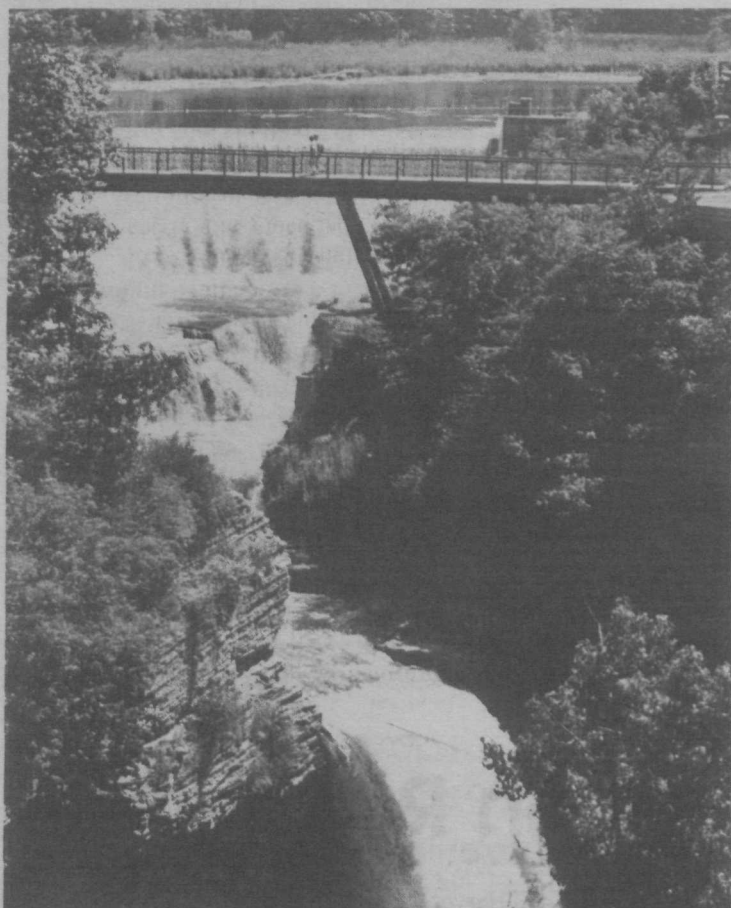
Of the fifteen participants who began the Chinese program last summer, six remained through the full year. (The summer program may be taken alone.) Five of the recent graduates are now headed for Taiwan—two to jobs, three to continue their studies at the highly competitive Stanford Center in Taipei. The sixth is continuing graduate studies in history at Cornell.

Most of the Japanese program's graduates go abroad as well, usually to continue with more advanced language programs. While they are not fully fluent or literate at the end of the first year, they do have survival skills—the ability to ask directions, shop, order food in a restaurant, hold a conversation.

"The strength of the Japanese program has always been its emphasis on the mastery of verbal skills," says Whitman. "Compared to other intensive summer programs on the East Coast, our students have a better understanding of grammar and how to use the language. They get more here in the summer than they do anywhere else."

"Looking back you realize that you don't get that many opportunities to do things like this, to have so many options in addition to a very highly structured course," says Wheatley.

He adds, "Learning a language opens new worlds that can change people's lives."



David Ruether

Beebe Lake seen from the Thurston Avenue bridge.

Cornell University Conference Services is part of the Division of Summer Session, Extramural Study, and Related Programs.

## National Organic Symposium at Cornell

by Susan S. Lang

Planning for the 31st National Organic Symposium of 900 organic chemists and their families, to convene at Cornell this week, has been no easy task.

Details have ranged from finding a jury expert enough to decide which 80 scientists should be chosen for the poster sessions to finding enough babysitters for the final evening's banquets and concert.

It all began more than eighteen months ago when the American Chemical Society expressed an interest in bringing the bi-annual conference of their Division of Organic Chemistry to Ithaca.

"We were reluctant at first because we knew that it would involve an enormous amount of work," recalls chemistry professor Bruce Ganem, who co-chaired this year's conference with chemist Jon Clardy. "It was only when we learned about Cornell's Conference Services and the tremendous support that they would give that we finally agreed to it."

"Our job is to handle all the gritty details," says Judy VanDermark, director of Conference Services. "We do everything from the mailings, registrations, bookkeeping, printing, AV set-up, refreshments, and meal planning to arranging for name tags, signs on campus, parking, busing, and even smoothing the way for participants to cash a check."

VanDermark takes a deep breath and smiles: "You name it, we've been asked to do it. One of my more memorable challenges this spring was to find a team of donkeys to rent for the CBORD Software Group's broomstick polo game slated for this August."

This summer, Conference Services has coordinated the arrangements for 8,000 visitors attending 87 conferences in ten weeks' time on campus. Anyone can use Conference Services to hold a conference at Cornell as long as the meeting has an educational purpose.

This season, Cornell will be host to such varied meetings as

the Divergent Language of Aging, Women in Linguistics, and the Sixth International Workshop on Machine Learning. Conferences range from as few as 10 participants who stay one night to 900 conferees—many from around the world and with families—staying five



Judith Serlin

Participants engaged in discussion.

days, as in the case of the 31st National Organic Symposium.

For these chemists, who represent more than 20 countries and include academic, pharmaceutical, and industrial organic chemists as well as 130 students, Ganem and his committee

planned five days full of professional meetings and social activities.

Since organic chemistry has emerged as a science vital to advances in other areas of study including biochemistry, solid state chemistry, photoelectronics, pharmacology, and immunology, the organizing committee had to identify the most exciting trends on the leading edge of organic chemistry and to choose which scientists best represented those pioneering

molecules are built from simple starting materials; and on molecular recognition in which molecules are designed that have an ideal shape for binding to other molecules.

For Ganem, the conference has been gratifying, since it has allowed Cornell and Ithaca College chemists to show their outstanding resources to hundreds of colleagues. "And with Conference Services doing 80 to 90 percent of the work and warning us of potential pitfalls along the way, the conference has been surprisingly smooth sailing," Ganem says.

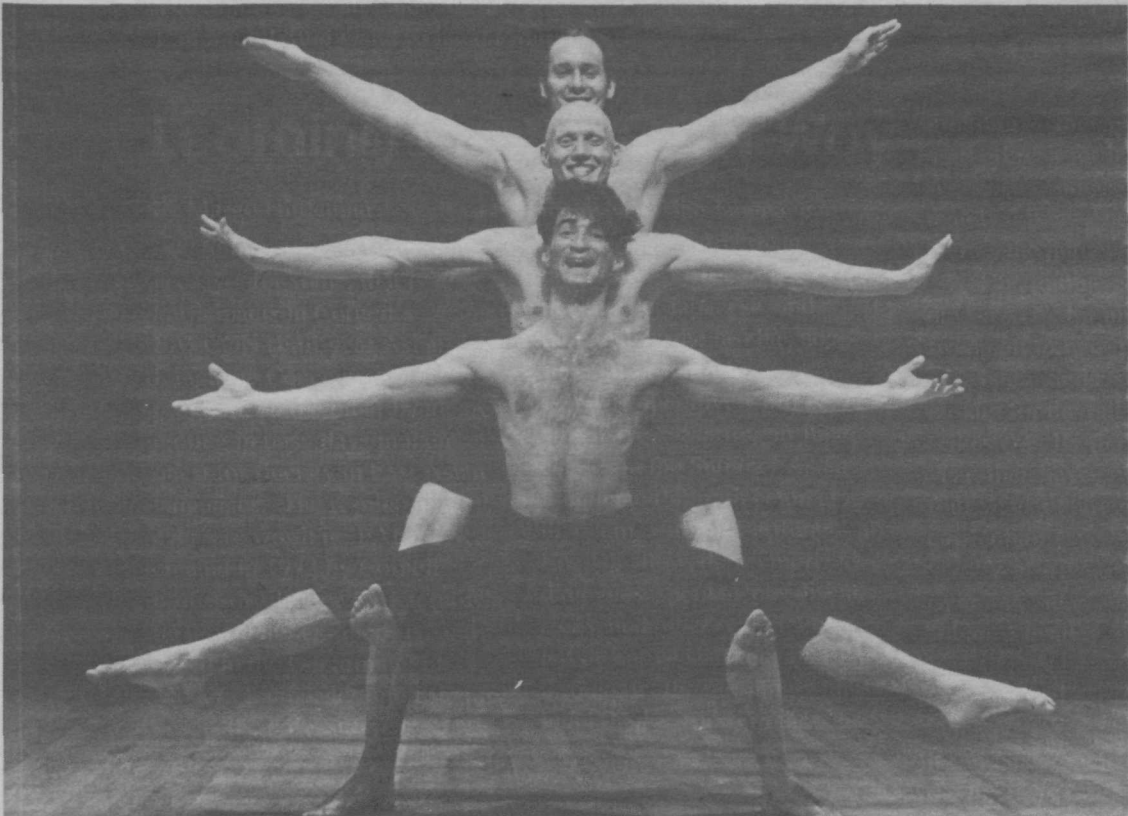
For VanDermark and staff, who have attended to hundreds of details, worked with various campus departments including Public Safety, Transportation, Residence Life, and Maintenance and Service Operations, and ensured conferee access to campus athletic, health, and library facilities, the conference represents yet another opportunity to introduce Cornell to hundreds of newcomers.

"Our goal," VanDermark says, "is for all conference visitors to walk off this campus terribly excited that they came to Cornell and Ithaca and for them to be determined to come back."

efforts. Remarkably, all of the eleven speakers who were chosen accepted the invitation.

Highlights of the conference include talks on making artificial antibodies; on state-of-the-art synthetic organic chemistry whereby complex





Chip Tilden

The Second Hand Dance Company will perform on August 4 in Bailey Hall.

## Free Concerts and Theater

by Martha Garrison

Summer at Cornell means evenings filled with music, dance, and theater when the Cornell Summer Session sponsors free special events nearly every night of the week. These outdoor concerts, classical concerts, and the performing arts events have all become part of the Ithaca summer arts scene. (For a complete listing, see page 4 of this *Preview*.)

Summer nights, leisurely and cool, are a perfect time to picnic on the Arts Quad with family and friends while enjoying a concert and Ithaca's famous sunsets. This summer, the outdoor concert series draws on a rich vein of local talent.

The concert calendar includes such diverse music as Latin jazz, performed by Bossa Terapia with jazz cellist Chris White; Afro-Latin music and dance, by Eddie Smith and Maurice Haltom; traditional bluegrass, with Ithaca Bluegrass; and jitterbug and swing, by the Little Big Band. Fe Nunn, a teacher in the Ithaca schools, will bring the Quad alive with a group of students who are rappers and dancers, along with jazz singer Stephanie Bibbie.

Traditional Ugandan music will be performed by Samite of Uganda, who received a standing ovation when he opened the show for Ladysmith Black Mambazo's Bailey Hall appearance in April. Reviewer Peggy Haine described Samite as "a man of charm and warmth, who wooed the audience into the resonance of his circle. He had its members clapping time and bellowing along in Ugandan."

The Quad concerts are rounded out by New Orleans style jazz with Peggy Haine and the Lowdown Alligator Jass Band, and hot jazzy rock served up by Ithaca's MILC. If anything can be called "required" at these events, it's dancing, singing, and taking it easy.

The classical concert series includes world-renowned fortepianist Seth Carlin, harpsichord

"Samite, a man of charm and warmth, wooed the audience into the resonance of his circle."

—Peggy Haine

virtuoso Joyce Lindorff, and violinists Rolfe Sokol and Meyer Stolon. Robert Albrecht, cellist, and Emma Tahmisian, pianist, will play a program ranging from J.S. Bach to Benjamin Britten.

In a vocal performance, David Neal, baritone, and Elena Clancy, soprano, will sing pieces by Mendelssohn, Brahms, and Poulenc. Donald R. M. Paterson, University organist, will play in Anabel Taylor Chapel; his program includes Pachelbel, Vivaldi, and Bach.

The performing arts series involves dance, theatre, and music. Two theatrical productions will be staged: Shakespeare's tragedy *Macbeth*, presented by the Hangar Theatre of Ithaca, and a comedy revue, *Standing Room Only*, by the

State University at Cortland's Summer Theatre, which spoofs actors, critics, and members of the audience.

In her widely acclaimed, stunning one-woman performance *Sister! Sister!*, Vinie Burrows travels the breadth of women's experience from tragedy to comedy. This show on international sisterhood has earned Ms. Burrows rave reviews around the world.

Blending theatre and dance will be the Catskill Puppet People, appearing with Ithaca's Heart and Sole Cloggers. The giant puppets in "Grandpa Wobbly's Old Time Musical Revue" and the cloggers will create a lively evening for all ages in Barnes Hall.

The Second Hand Dance Company, a trio of amazingly flexible and athletic young men, will perform for their second year with Summer Session. *The Village Voice* described the act as dazzling: "You can't believe that that head won't hit the ground or that there's any safe way to recover from this cantilevered stance, let alone transform it smoothly into something else."

The performing arts series also includes music: in the same evening jazz lovers can hear "A Duke Ellington Retrospective" by vocal jazz group Jazzamatazz and original *a capella* jazz by B-Side.

Then on July 14, France's Bastille Day, Les Petits Chanteurs de Lyon, a boys' choir from Lyon, France, will sing choral religious and secular pieces in Sage Chapel.

Summer '89 promises musical and theatrical events for all tastes.

Be there and enjoy!

### Lecture Series

(continued from page 1)

Employee Stock Ownership Plan (ESOP) in 1987. Now, according to him and other analysts, "Avis is on a roll. The ESOP has really improved their morale, productivity, and service."

*Fortune* magazine, in a December, 1988, article on Vittoria and ESOP, notes that "employee ownership has proven particularly effective in motivating workers to provide extra effort in customer service." Vittoria agrees: "Customer complaints have plummeted, the value of the company's stock tripled in one year, and employee morale is at an all-time high. Now, the people who rent out the cars, wash the cars, answer the phones are the owners."

Vittoria's lecture on July 19, "What Happens When Employees Buy the Company?" will focus on the success of ESOP at Avis. But, says Vittoria, "just creating an ESOP isn't going to make you a better company. It's how you involve the employees, it's how you maintain a dialogue, listen to their input, and use it."

"For employees of service enterprises not to have a piece of the action is almost another form of slavery."

—Louis Kelso

Louis Kelso, inventor of the ESOP, believes that "capitalism will not survive unless capital ownership is more evenly distributed across the economy."



Charles Harrington

David L. Call, Dean of the College of Agriculture and Life Sciences, will lecture on July 26.

The July 26 lecture is entitled "The Agricultural Revolution: The Benefits and the Costs," and is presented by David L. Call, Dean of the College of Agriculture and Life Sciences at Cornell.

Call discusses how environmental changes, particularly drought and loss of topsoil, plus intensive modern farming practices, may lead to food shortages developing over the next several decades.

However, this doomsday picture is counterbalanced somewhat by the great progress made during the Green Revolution of the '60s and '70s, when very successful hybrid strains of rice, corn, and wheat were developed.

The promise of the new biotechnology, with its disease-, drought-, and pest-resistant plants, also adds hope to the agricultural forecast. Call examines both the high price we pay for technological advances and the benefits they bring.

"Elephant Communication," the final lecture of the series, is a fascinating glimpse of Katharine Payne's extensive research on communication among elephants. Payne, a research associate at Cornell's Laboratory of Ornithology, has found that elephants use infrasound—sound below the range of human hearing.

Says Payne, "Very low frequency sound travels exceptionally well, and the use of infrasound may account for the ability of elephants to coordinate their social behavior over several kilometers, a very long distance for a land animal."

Payne will use slides, videotapes, and recordings in this talk about her and her colleagues' field work on the lives of free-ranging African elephants.

"In 1984, I noticed a

### Division of Summer Session, Extramural Study, and Related Programs

Cornell Summer Report,  
B12 Ives Hall; 255-4987

Cornell University  
Summer Session,  
B12 Ives Hall; 255-4987

Extramural Study,  
B12 Ives Hall; 255-4987

Programs in Professional  
Education,  
B12 Ives Hall, 255-7259

Cornell University  
Conference Services,  
221 Robert Purcell Union;  
255-6290

Cornell's Adult University  
626 Thurston Avenue; 255-6260

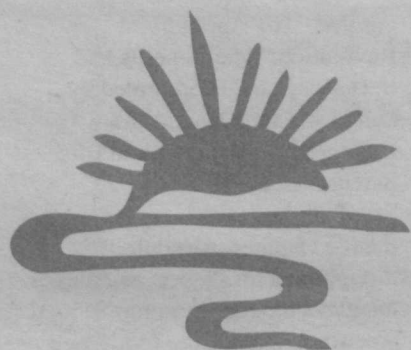
Cornell University  
Summer College,  
B12 Ives Hall, 255-6203

For employees of service enterprises not to have a piece of the action is almost another form of slavery."

One Avis employee, an airport bus driver, supports Kelso's point. "Our suggestions to the management don't just lie there. They are actually worked on."

throbbing in the air near caged Asian elephants in a zoo and guessed it might be caused by vocalizations too low-pitched for me to hear," Payne says. "William Langbauer, Elizabeth Thomas, and I followed up the observation and discovered that elephants use infrasound in communication."





# Summer at Cornell

## Free Special Events

### Summer Lecture Series

7:30 pm

**Wednesday, June 28**

"The Birth Dearth: The Demographic Revolution"  
Ben J. Wattenberg, political and social commentator  
and senior fellow, American Enterprise Institute—  
Bailey Hall

**Wednesday, July 5**

"Homelessness in America:  
Which Revolution Is the Answer?"  
Joseph H. Holland, Cornell University trustee,  
founder and director of Hark Homes men's shelter  
in Harlem—Statler Auditorium

**Wednesday, July 12**

"Ageism: The Battle of Our Time"  
Patricia A. Moore, gerontologist and author of  
*Disguised: A True Story*, about her experiences  
disguised as an elderly woman—Statler Auditorium

**Wednesday, July 19**

"What Happens When Employees Buy  
the Company?"  
Joseph V. Vittoria, president, Avis Inc.—  
Statler Auditorium

**Wednesday, July 26**

"The Agricultural Revolution:  
The Benefits and the Costs"  
David L. Call, dean, Cornell University College of  
Agriculture and Life Sciences—Bailey Hall

**Sunday, July 30**

"Elephant Communication"  
Katharine B. Payne, research associate, Laboratory  
of Ornithology and Cornell University visiting  
fellow—Statler Auditorium



### Performing Arts Series

8:15 pm

**Thursday, June 29**

"Sister! Sister!" Vinie Burrows' one-woman show  
on international sisterhood—Barnes Hall auditorium

**Friday, July 7**

"A Duke Ellington Retrospective,"  
Jazzmatazz; and B-Side, a capella jazz  
singers—Barnes Hall auditorium

**Friday, July 14**

Les Petits Chanteurs de Lyon, French boys choir—  
Sage Chapel

**Friday, July 21**

Shakespeare's *Macbeth*, The Hangar Theater—  
Barnes Hall auditorium

**Thursday, July 27**

The Catskill Puppet People and Heart and Sole  
Cloggers—Barnes Hall auditorium

**Friday & Saturday, July 28 & July 29**

"Standing Room Only," comedy revue, State  
University College at Cortland Summer Theatre—  
Barnes Hall auditorium

**Friday, August 4**

Second Hand Dance Company—Bailey Hall



### Summer Concert Series

Mondays, 8:15 pm

**June 26**

Fortepiano, Seth Carlin—Barnes Hall auditorium

**July 3**

Cello and piano, Robert Albrecht and  
Emma Tahmisian—Barnes Hall auditorium

**July 10**

Organ, Donald R. M. Paterson, associate professor,  
music, University organist and Sage Chapel choir-  
master—Anabel Taylor Hall Chapel

**July 17**

Baritone and soprano, David Neal and Elena Clancy,  
with piano accompanist Nancy Wolfe—  
Barnes Hall auditorium

**July 24**

Harpsichord, Joyce Lindorff, visiting associate  
professor, music—Barnes Hall auditorium

**July 31**

Violin duo, Rolfe Sokol and Meyer Stolov—  
Barnes Hall auditorium

### Sandwich Seminars

Thursdays, Noon

**June 29**

"The Civil War in South Carolina—  
A Black-American Revolution,"  
Margaret Washington, associate professor,  
Afro-American history—213 Ives Hall

**July 6**

"The Revolution in Marriage:  
Has It Really Happened?"  
Elaine Wethington, assistant professor, human  
development and family studies—213 Ives Hall

**July 13**

"Revolutions in Art: Public Spaces, State Funding,  
Political Controversy,"  
Timothy C. Murray, associate professor, English—  
213 Ives Hall

**July 20**

"Environmental Problems and Policies,"  
David Pimentel, professor, entomology—  
213 Ives Hall

**July 27**

"Women and the American Revolution,"  
Mary Beth Norton, professor, history—213 Ives Hall

**August 3**

"New Techniques and Trends in Sports Medicine,"  
Dr. Russell R. Zelko, orthopedic surgeon—  
G-1, Uris Hall

### Outdoor Concert Series

Tuesdays and Thursdays,  
7:00 pm, The Arts Quad

**Rain Location: Kaufmann Auditorium,  
Goldwin Smith Hall**

**Tuesday, June 27**

Jitterbug and swing—The Little Big Band

**Thursday, July 6**

Afro-Latin rhythm and dance—The Agape Rhythm  
Ensemble with Eddie Smith and Maurice Haltom

**Tuesday, July 11**

Latin Jazz—Bossa Terapia and jazz cellist  
Chris White

**Thursday, July 13**

Rap, dance, and jazz—Fe Nunn's Musical  
Productions and the Got Fresh Crew

**Tuesday, July 18**

Traditional and contemporary bluegrass—  
Chestnut Grove

**Thursday, July 20**

Old time jazz—Peggy Haine and the Lowdown  
Alligator Jass Band

**Tuesday, July 25**

Ithaca Bluegrass with Chris Stuart

**Tuesday, August 1**

Traditional Ugandan music—Samite of Uganda

**Thursday, August 3**

Jazzy rock—MILC

### Great Books Seminars

Tuesdays, 11:45 am

Room A409, Corson/Mudd Hall

**"Revolutionary Discourse Before the  
Fall of the Bastille"**

**June 27**

Dante's *Inferno*, Canto 26:  
The Voyage of Ulysses

**July 11**

Machiavelli's *The Prince*, Chapter 18:  
The Illusion of Ends and Means

**July 18**

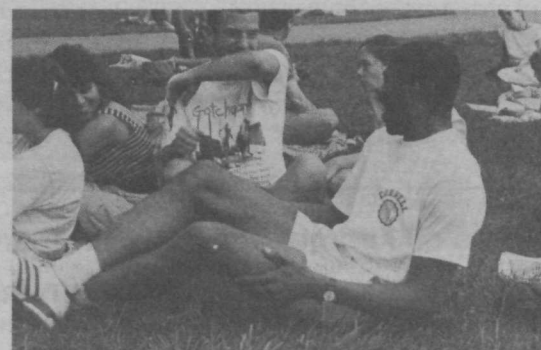
More's *Utopia*, Part Two:  
A Revolutionary Nowhere

**July 25**

Rabelais' *Pantagruel*, Chapter 8:  
Gargantuan Education

**August 1**

Milton's *Paradise Lost*, Book 1:  
Satanic Rebellion



A complete calendar of special events is available from Cornell University  
Summer Session, B12 Ives Hall, Ithaca, N.Y. 14853; (607) 255-4987



# CORNELL EMPLOYMENT NEWS

June 22, 1989

Including Job Opportunities

Volume 1, Number 24

## Employee Degree Candidates Graduate

*"Cornell is well served when its employees share in the pride and excitement of learning and self-advancement that surrounds them everyday. Since Cornell has a mission to expand and disseminate knowledge, what better place to demonstrate that commitment than among those who work so hard to maintain Cornell in the preeminent position it occupies."* Timothy Wheeler



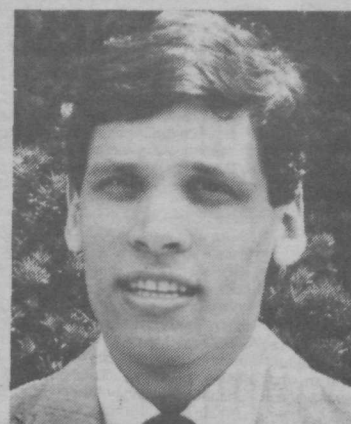
Betsy East, MILR  
Physical Education & Athletics



John Pollock, EED  
Ag/Biological Engineering



Ayele Bekerie, MPA  
Africana Library



Bruce Roebal, MILR  
Minority Educ Affairs



Christina Writer, BS  
Mechanical/Aerospace Engineering

As part of Cornell's commitment to staff development, the university offers a variety of programs and services to help employees achieve professional growth and greater job satisfaction.

There are four separate educational assistance programs available for employees which can be useful in career development:

1. **Workshops and Seminars** - offered through Training and Development
2. **Extramural Program** - Cornell academic courses
3. **Tuition Aid Program** - tuition aid for employees enrolled in approved courses and programs at other institutions
4. **Employee Degree Program** - Cornell degree programs for staff

This article will feature comments from several Cornell employees who were enrolled in the Employee Degree Program and who graduated this year. Congratulations to all!

### Employee Degree Program Graduates

Name	Department	Degree & College
Kelly Jewett	Restricted Fund Acctg	BS/Ag & Life Sci
Gary Rondeau	LPS (Engineering)	PhD/Eng
Bruce Roebal	Minority Educ. Affairs	MILR/ILR
Joe Hannah	Summer Session	MA/Arts & Sci
Betsy East	Athletics	MILR/ILR
James Cremer	Computer Science	PhD/Engi
Timothy Wheeler	Eng (Plasma Studies)	BA/Engi
Peter Mullin	Plant Pathology	MS/Ag & Life Sci
Ayele Bekerie	Africana Library	MPA/Africa Study
Victor Silva	Vet Computing Soccs	BA/Arts & Sci
Chris Writer	Mech & Aerospace Eng	BS/Human Ecol
Carol Smith	Vet Pathology	BS/Ag & Life Sci
John Pollock	Ag/Biol Eng	EED/Ag & Life Sci

### How Did Interest in the Program Develop?

Each employee degree candidate's reason for pursuing a degree is unique.

Research Support Specialist Tim Wheeler notes that the Employee Degree Program allowed him to undertake a new project for Cornell and still reach his own goal of a BSEE.

Tim had received a BA before returning to Cornell to complete a BSEE. At the time he was a nontraditional student working part-time in a Cornell lab maintaining a full-time student schedule. Getting financial help had been problematic. He had already



Timothy Wheeler, BSEE  
Engineering (Plasma Studies)

received a BA but was pursuing a BSEE. Therefore, he was ineligible for both undergraduate and graduate assistance.

The catalyst for Tim's enrollment in the EDP occurred when his research lab was asked to participate in a satellite project for NASA. The project was going to require more paperwork and much closer contact with NASA personnel than the lab had maintained before.

The EDP provided the perfect answer. Tim felt confident that he could devote himself full-time to the satellite project and finish his degree on a part-time basis through the EDP.

Another graduate is Ayele Bekerie who works as a senior night supervisor at the Africana Library and completed his MPS in African and African American Studies. He became interested in the EDP through a former EDP candidate. Before enrolling in the program, Ayele had been taking advantage of Cornell educational opportunities through the Extramural Program.

John Pollock notes that his interest in the EDP began in 1982 when he changed his employment emphasis and needed to gain knowledge in agriculture safety, education and communication skills. An EDD in Agriculture and Life Sciences was a natural direction for him to pursue.

### Supervisory Support Encouraged

The employees who graduated this year praised their supervisors and coworkers for support and encouragement while pursuing their degrees.

University policy - as stated in the *Personnel Manual* - encourages supervisors to work with employees so opportunities provided by the university may be utilized.

**Bruce Roebal:** "Of all the people who helped me on this path, by far the most praise goes to my supervisor, May Hines, director of the Office of Minority Affairs. She allowed me the flexibility in my job to be able to combine work and educational demands, with the understanding that my work must take precedence, if needed."

**Christina Writer:** "I must credit my success to Alice (Toni) Anthony, my supervisor. Without her constant and unwavering support, it would have been impossible to schedule my work hours and in-class absences."

**Kelly Jewett:** "My current supervisor, Jim Moravec, was very supportive and understanding to the academic demands while I went to school full-time this last semester."

**John Pollock:** "Gerry Rehkugler, my department chairman and supervisor, was very supportive and encouraging."

**Betsy East:** "My supervisor Laing Kennedy and my coworkers provided a great deal of support for which I am most grateful."

**Carol Smith:** "Dr. Lennart Krook, my supervisor, was especially supportive in his comments and in allowing me the time necessary to complete course requirements."

### Difficulties Encountered Along the Way

The graduates seemed to agree that completion of the degree - which usually takes several years - was not always a course of smooth sailing.

**Bruce Roebal:** "Aside from the difficulties of the time and effort required for my degree, the most difficult part was the sacrifice of many weekends when much of my time was spent in the library and not with my wife and two daughters."

**Chris Writer:** "The most difficult obstacles I faced were in getting reacquainted with the rigors of academics and in having to compete with the very bright young people registered in my courses."

**Kelly Jewett:** "There is almost no time for personal life."

### The Residency Requirement: A Problem for Employee Degree Candidates

Time management skills became very important. Also, the residency requirement - which is a condition of graduation for most graduate-level programs - presented difficulties for several employees.

**John Pollock:** "Being a part-time employee during the semester I was fulfilling my residency requirement by taking 12 hours of coursework was difficult. The work on the job was still demanding."

**Carol Smith:** "The residency requirement - working half-time and going to school full-time for one semester - presented one of the biggest difficulties in getting my degree. There never seemed to be enough time to spend on any one project and there was little free time for the entire semester. During this semester it was quite impossible to find time to study with other students and to share notes or ideas about class work."

### Benefits to Both Cornell and Employees

The graduates were asked how their degrees will help them with their current Cornell positions:

**Carol Smith:** "By expanding my interests in new areas and in updating my education, I feel I have become a better employee."

**John Pollock:** "It already has helped because during coursework I was able to take job needs and use the courses to develop solutions and put them to immediate use."

**Bruce Roebal:** "As administrative supervisor, my understanding



Carol Smith, BS  
Vet Pathology



# JOB OPPORTUNITIES

June 22, 1989

Volume 1, Number 24

Staffing Services, 160 Day Hall, Cornell University, Ithaca NY 14853-2801  
Day Hall: (607) 255-5226 East Hill Plaza: (607) 255-7422

- Employees may apply for any posted position with an Employee Transfer Application. A resume and cover letter, specifying the job title, department and job number, is recommended. Career counseling interviews are available by appointment.
- Requests for referral and/or cover letters are not accepted from external candidates unless specified in the ad. Candidates should submit a completed and signed employment application which will remain active 4 months. Interviews are conducted by appointment only.

- Staffing Services will acknowledge receipt of all material by mail. Hiring supervisors will contact those individuals selected for interview by phone; please include two or more numbers if possible. When the position is filled, candidates should receive notification from the hiring supervisor.
- Cornell University is an Affirmative Action/Equal Opportunity Employer.
- Job Opportunities can be found on CUINFO

## Professional

Nonacademic professional positions encompass a wide variety of fields including management, research support, computing, development, finance and accounting, dining services and health care. Submit a resume and cover letter for each position, specifying the job title, department & job number. Employees should include an Employee Transfer Application.

**Director of Leadership Gifts (PA6506) HRII University Development-Endowed**  
Responsible for the identification, solicitation and cultivation of gifts from 30,000 alumni and friends of Cornell who have the capacity to make gifts in the \$25K-100,000K range. Develop new programs working closely with the Cornell Fund, Cornell's college and Unit Public Affairs Officers and the Regional Offices to facilitate such gifts. Plan, develop and implement solicitation and on going cultivation strategies.  
**Requirements:** Bachelor's 3-5 years Development experience and work with volunteer group organizations including Annual Fund or individual giving experience is required. Ability to communicate effectively and persuasively. Excellent writing and communications skills, successful gift solicitation experience, and prospect management expertise are highly recommended. Excellent organization and management skills. Send cover letter and resume to Cynthia Smithbower by July 7.

**Executive Director-Center for Advanced Human Resource Studies (PA7203) HRII NYSSILR-Statutory**  
Manage Center for Advanced Human Resource Studies' corporate liaison activities. Primary interface between corporate sponsors and faculty. Direct governance of Center under guidance of Advisory Board. Includes all aspects of Center's ongoing activities; funding, financial soundness, sponsor relations, staff management and research. Recruits corporate sponsors and maintains their active participation in center's activities.  
**Requirements:** Bachelor's/MILR/MBA or equivalent business/human resources-personnel management experience. Excellent skills in management, communications, interpersonal relations in dealing with senior executives. 10-15 years senior management/executive human resource/personnel experience. Send cover letter and resume to Search Committee: Executive Director.

**Manager, Capital Budgeting and Financing (PA2705) HRII Assistant Treasurer-Endowed**  
Provide analytical support in capital budgeting and investment analysis methodologies campus-wide, maintaining systems to track fund allocations.  
**Requirements:** MBA or equivalent preferred; Bachelor's with 5 years of financial analysis experience in business or university environment may be acceptable. Experience using spreadsheet programs (Excel, Lotus 123); familiarity with discounted cash flow analysis and variance analysis necessary; experience in accounting and/or budgeting required. Strong interpersonal and writing skills necessary. Send cover letter and resume to Cynthia Smithbower by June 23.

**Senior Technical Service Manager (PT7303) HRII Lab of Nuclear Studies-Endowed**  
Direct efforts of technical support groups at Wilson and Newman Labs. Provide functional and administrative supervision for first-line technical supervisors and technical managers. Coordinate daily activities of synchrotron technicians, experimental technicians, material handlers and vacuum technicians. Provide technical advice on accelerator facilities, mechanical, electrical, and vacuum systems. Ensure proper and effective operation of building and accelerator support facilities.  
**Requirements:** Bachelor's or equivalent combination of education or experience in science or engineering. 5 years experience in technical skill and previous laboratory and research-oriented equipment. Broad knowledge and comprehensive understanding of latest developments in materials, mechanical fabrication, high-vacuum techniques, generalized piping and refrigeration, AC power and controls, and industrial safety. Send cover letter and resume to Bill Webster.

**Data/Systems Analyst III (PT7112) Level 34/HRII DL-Quality Milk Promotion Studies-Statutory**  
Perform statistical analysis of biological and epidemiological research data including survey analysis, regression analysis and other statistical applications appropriate for scientific research. Assist in the design, development, implementation and documentation of computer applications for QMPS.  
**Requirements:** Bachelor's or equivalent experience required. Master's in statistics or equivalent statistical expertise preferred. Strong background in statistical analysis including SAS and other statistical packages involving research data evaluation. Minimum 3-5 years analytical/problem solving experience with micros and planning micro systems. Database experience important. Strong interpersonal and communication skills. Familiarity with Wordperfect, Lotus and communications program preferred. Ability to diagnose and correct pre-existing software preferred. Ability to work in microcomputer environment having several components or inter-relationships with other hardware and software. Send cover letter and resume to Bill Webster.

**Applications Programmer/Analyst III (PT7302) Level 34 Lab of Nuclear Studies-Endowed**  
Diagnose and fix accelerator problems related to control system software. Coordinate general accelerator-related application program development by physicists and engineers.  
**Requirements:** Bachelor's in Physics or equivalent experience with computer courses. 3-5 years related experience. Experience in laboratory and research-oriented equipment. Send cover letter and resume to Bill Webster.

**Systems Programmer/Analyst III (PT7101) Level 34 Cornell Information Technologies-Endowed**  
Design, develop, modify, implement and document fairly complex software programs and applications packages for major operating systems on small and large-scale computer systems. Provide user support in identifying technical problems.  
**Requirements:** Bachelor's or equivalent with computer related courses required. 3-5 years programming and machine architecture experience; knowledge of system utility and control languages (e.g., DCL and shell scripts). Sound knowledge of several operating systems (e.g., UNIX, VMS). Assembler language and at least 2

major programming languages (e.g., FORTRAN and C). Knowledge of UNIX and other workstation operating systems. Send cover letter and resume to Bill Webster.

**Assistant Director (PA7307, PA7308) HRII Arts and Sciences Admissions-Endowed**  
Will be involved in the full range of admissions duties: interviewing prospective applicants, recruitment and travel, group presentations, selection, some student advising, etc. Some weekend work.  
**Requirements:** Bachelor's in the liberal arts; advanced degree preferred. Minimum of 3 years admissions experience, college counseling, teaching, or academic advising. Knowledge of admissions marketing and electronic admissions system. Excellent interpersonal, communication and organizational skills; ability to work with students and faculty; and commitment to the philosophy of liberal arts education. Fluency in Spanish preferred but not required. Send cover letter and resume to Cynthia Smithbower by July 7.

**Accounts Manager (PC7305) HRII Patents and Technology Marketing-Endowed**  
Provide financial support for the Department of Patents and Technology Marketing and Cornell Research Foundation. Involves budget forecasting and preparation of financial reports; responsible for approval of expenditures and distribution of royalty income; work closely with Director on financial matters; manage several DBase systems.  
**Requirements:** Bachelor's in accounting or equivalent. Minimum 1-3 years accounting and business experience and knowledge of Cornell community. Knowledge of IBM PC's or compatible; Lotus 123 and/or Twin spreadsheet; DBase experience required. Strong organizational and communication (verbal and written) skills. Send cover letter and resume to Esther Smith.

**Assistant Director, Men's Racquet Sports (PA7301) HRII Athletics-Endowed**  
Assist in directing all aspects of the men's intercollegiate tennis and squash programs. Perform other duties as assigned by Director of Men's Racquet Sports. Instruct physical education classes as assigned. 9 month position.  
**Requirements:** Bachelor's or equivalent. Master's or equivalent related experience preferred. Strong tennis and squash playing and coaching background, preferably at the collegiate level. Valid driver's license essential. Send cover letter and resume to Search Committee: Racquet Sports.

**Assistant Coach (PA7304) HRII Athletics-Endowed**  
Assist in the planning and operation of women's intercollegiate basketball program. Duties include coaching, recruiting, scouting and other administrative matters relative to the program.  
**Requirements:** Bachelor's of Science in Physical Education or equivalent. Credentials should reflect proven success in coaching basketball, recruiting and working with student athletes. Send cover letter and resume to Search Committee: Asst. Coach, Women's Basketball.

**Director of Minority Educational Affairs (PA7306) HRII Dean's Office, College of Architecture, Art, and Planning-Endowed**  
Responsible for the development and implementation of programs and services related to recruitment, enrollment and retention of minority and disadvantaged students in the College.  
**Requirements:** Master's degree in counseling or student personnel or equivalent. Significant experience in the education of minority students. Ability to work independently, cooperatively, and creatively. Strong verbal and written communication skills. Familiarity with College's academic programs desirable. Send cover letter and resume to Cynthia Smithbower by 7/21.

**Student Development Specialist III (PA7305) HRII Human Ecology Admissions-Statutory**  
Coordinate and execute recruitment and selection programs; recruitment travel to high schools and to community colleges; develop publications, videotapes and related materials; assist with general administration, and interface with alumni, guidance counselors, and others. Coordinate transfer admissions program.  
**Requirements:** Master's degree in related field. 3 years admissions experience required; counseling, publication/videotape development preferred; excellent speaking and writing skills essential. Send cover letter and resume to Cynthia Smithbower by 7/15.

**Dining Supervisor I (PA7302) HRII Dining-Endowed**  
Supervise daily operation of dining unit, including purchasing and storage of food supplies, maintenance of equipment, planning menus, preparation and dispensing food.  
**Requirements:** Associate's degree or equivalent. 1 year food service supervisory experience desired. Knowledge of food and health codes desirable. Send cover letter and resume to Cynthia Smithbower.

**Junior Analyst (PC7203) HRII University Relations/Comm. Strategies-Endowed**  
Under general supervision, assist in analyzing publications and communications needs to develop new publications or rework existing publications to answer identified needs and relate to overall promotional goals of the university.  
**Requirements:** Bachelor's or equivalent. Excellent writing skills. Marketing or public relations experience preferred, preferably in a college or university setting. Send cover letter and resume to Esther Smith.

**Chef (PG7208) HRII Statler Hotel-Endowed**  
Supply hotel banquets, restaurants and food outlets with assortment of contemporary pastries, breads and dessert menu items. Hours flexible, nights and weekends.  
**Requirements:** Associate's or equivalent in culinary arts; must be versed in contemporary French and American cuisine with strong knowledge of the art of pastry making. Minimum 2-3 years experience in bakery or hotel patisserie. Send cover letter and resume to Esther Smith.

**Teaching Support Specialist (PT7208) HRII Plant Breeding and Biometry-Statutory**  
Provide teaching and research support for instruction of various statistics courses. Provide statistical consulting and computing in Biometrics unit.  
**Requirements:** Bachelor's or equivalent required, Master's in statistics preferred. Coursework in computer science desired. Some teaching and research experience necessary. Send cover letter and resume to Bill Webster.

**Public Access Computing Manager (PT7207) HRII Mann Library-Statutory**  
Manage the Mann Library Microcomputer Center (a public access microcomputing facility). Supervise student operators and technicians; manage the Mann Microcomputer Center local area network; administer library software collection; teach in workshop program in application of microcomputers to scholarly information control; work with other library professionals to devise technical support for innovative public-access services.  
**Requirements:** Bachelor's or equivalent required; coursework in computing desired. 2-3 years experience with microcomputers and microcomputer software required. Supervisory and instructional experience highly desirable. Experience with local area networks desirable. Service orientation essential. Send cover letter and resume to Bill Webster.

**Research Support Specialist I (PT7114) HRII Textiles and Apparel-Statutory**  
Conduct lab research in a multidisciplinary field of biotechnology and biomedical materials. Until 6/30/90, continuation contingent upon funding.  
**Requirements:** Bachelor's or equivalent required; Master's in biology preferred. Previous cell culture skill highly desirable. Send cover letter and resume to Bill Webster.

**Research Programmer (PT7110) HRII Animal Science-Statutory**  
Provide supervisory and technical support for research programs involving the design and analysis of Dairy Management Systems utilizing the NY Dairy Herd Improvement database. Analyze and develop dairy herd performance measures that will predict economic returns to the dairy enterprise. Develop and program software to assist with dairy herd management.  
**Requirements:** Bachelor's or equivalent required; degree in animal science or ag. econ. preferred. Minimum 2 years related experience. High level language (e.g., "C" programming experience), ability to use SAS, understanding of advanced computing techniques such as expert systems. Dairy farm background or experience helpful. Send cover letter and resume to Bill Webster.

**Budget Analyst I (PC6904) HRII Administrative Operations-University Library-Endowed**  
Provide analytical and technical support to the budgeting, planning, and fiscal operating processes under the administrative direction of the accounting manager. Total operating expenditures for University Library system are approximately \$20 million annually.  
**Requirements:** Bachelor's or equivalent (Associate's and 4-5 years accounting or related experience). 1-2 years related experience preferred. Strong analytical skills required. Cost analysis experience preferred. Experience with IBM/PC and applications (Lotus 1-2-3, dBase III+, and word processing) preferred. High degree of accuracy with attention to detail. Strong organizational, communication (verbal and written), and interpersonal skills. Familiarity with Cornell accounting and budget systems and procedures helpful. Send cover letter, resume and salary requirements to Esther Smith.

**Technical Consultant II (PT6301) Level 33/HRII HDFS/Family Life Development Center-Statutory**  
Provide technical support, training and orientation to a staff of approximately 30 on the effective use of microcomputers in a complex local area network and electronic publishing environment. Until 3/31/90. Continuation contingent upon funding.  
**Requirements:** Bachelor's or equivalent in education. Minimum 2-3 years experience with micro computers; Macintosh experience required, IBM PC familiarity desirable. Working skills must include a fifth generation language, strong system diagnostic and telecommunications. Some experience in PASCAL, C, or BASIC desired. Send cover letter and resume to Bill Webster.

**Technical Consultant II (PT6802) Level 33 Biotechnology Program-Endowed**  
Provide technical support to users and system maintenance of Hewlett Packard molecular graphics workstations and Microvax computers for ongoing research projects using the facilities. Consultant to faculty, staff and students.  
**Requirements:** Bachelor's or equivalent in computing or biological sciences required. Minimum 2-3 years experience in science computing. Strong interpersonal, communication and organizational skills. Send cover letter and resume to Bill Webster.

**Executive Staff Assistant II (PC7001) HRII Office of Campus Affairs-Endowed**  
Provide administrative support to the Vice President for Campus Affairs and the Business Manager for the division; develop and administer the budget for and manage the office of the vice president.  
**Requirements:** Associate's or equivalent experience. Bachelor's strongly desired. Minimum 5-7 years executive secretarial/office management experience. Strong organizational and communication (verbal and written) skills. Budget/accounting experience required. Ability to work independently and handle sensitive and confidential material. Knowledge of word processing and computer equipment desired. Send cover letter and resume to Esther Smith.

**Research Support Aide (PC6516) HRII Chemistry-Endowed**  
Coordinate and monitor progress of manuscripts through editorial process for internationally-known technical journal; prepare annual author search survey for journal; submit production and financial reports to American Chemical Society.  
**Requirements:** Bachelor's or equivalent in chemistry; Master's or 2 years related experience desirable. Familiarity with modern chemistry and science library; editorial experience helpful. Familiarity with scientific computing and word processing. Send cover letter and resume to Esther Smith.

## Professional Part-time

**Applications Programmer II (PT7308) Level 33/HRII Section of Ecology and Systematics-Statutory**  
Responsible for design, coding and maintenance of applications for natural history database system. Flexible schedule, 20-30 hours per week for grant duration.  
**Requirements:** Bachelor's or equivalent with computer related courses or equivalent experience. Must have 2-3 years "C" programming experience with microcomputers. Prior experience with PC database software required. Knowledge of PC-based LANs helpful. Send cover letter and resume to Bill Webster.

## Professional Temporary

**Volunteer Coordinator (PA7202) HRII University Health Services-Endowed**  
Schedule, supervise and evaluate CGSS volunteer medical assistants and interviewers. Serve as CGSS medical assistant when needed. Counsel clients on birth control choices and pregnancy problems. August 15-January 15; 20 hours per week.  
**Requirements:** Bachelor's required. Minimum 2-3 years experience in family planning. Experience as or with volunteer desirable. Send cover letter and resume to Cynthia Smithbower by June 30.

## Technical

As a prominent research institution, Cornell University has a diverse need for laboratory, electro/mechanical and computer support. Individuals with backgrounds in computer science, biology, microbiology, chemistry, animal husbandry, plant science and medical laboratory techniques are encouraged to apply; applicants with ASCP or AHT licenses are in particular demand.  
Submit a resume and cover letter for each position, specifying the job title, department and job number, to Bill Webster, 160 Day Hall. Skill assessment check lists, available at the Day Hall office, are a valuable aid when applying for computer or laboratory related positions.

**Technician, GR18 (T7305) Chemistry-Endowed Minimum Biweekly Salary: \$487.50**  
Provide staff support to Lab Services and Safety. Prepare, package and distribute reagents and supplies. Assist with inventory control. Occasionally assist in maintenance and toxic materials programs.  
**Requirements:** Associate's degree or equivalent. 2 years experience or equivalent. Knowledge of lab techniques and procedures; knowledge of safety practices. Send cover letter and resume to Bill Webster.

**Technician, GR18 (T7211) Physiology-Statutory Minimum Biweekly Salary: \$487.50**  
Provide general technical assistance to faculty member in a laboratory doing studies on the physiological controls of food and water in young pigs. The duties vary greatly, including lab maintenance, animal care, surgery preparation and assistance, blood analysis and routine injections.  
**Requirements:** Minimum 2 years coursework in biological science. Bachelor's desired. General background in the biological studies, including some chemistry required. Experience with animals and courses in physiology desired. Willingness to learn and to take on a variety of tasks. Light typing.

**Technician, GR18 (T7301) Laboratory of Ornithology-Endowed Minimum Biweekly Salary: \$487.50**  
Edit and incorporate filled tape recordings of animal sounds into collection of Library of Natural Sounds. Prepare and enter into a computerized information storage and retrieval system; catalog data for recordings in the Library. Until 7/1/90, continuation contingent upon funding.  
**Requirements:** Associate's or equivalent in biology or related field required. Some experience in the operation of studio audio equipment preferred. Strong technical aptitude. Audio theory, ornithology, or electronics knowledge preferred. Good organizational skills required.

**Technician, GR19 (T7306) Pomology-Statutory Minimum Biweekly Salary: \$510.90**  
Under direct supervision, conduct experiments in plant biochemistry, chemistry, and physiology. Use chromatographic and spectrophotometric equipment for chemical and biochemical analysis; compile data; perform some field treatments and sample collection. Yearly appointment contingent upon funding.  
**Requirements:** Minimum 2 years coursework in chemistry/math required. Bachelor's degree or equivalent in biology or related field with coursework in chemistry or math, preferred. 1 year related experience. Ability to safely handle lab. chemicals and pesticides.

**Technician, GR20 (T7307) Agronomy-Statutory Minimum Biweekly Salary: \$534.30**  
Provide support for research in biochemical analysis of specific mRNA's, activities of enzymes, and amounts of storage proteins in plant tissues. Duties include culturing bacteria containing cDNA plasmids, extracting and purifying DNA from bacteria and mRNA from plants and performing hybridization assays.  
**Requirements:** Bachelor's in biology, biochemistry or chemistry. 1 year related experience with basic laboratory equipment and ability to learn new techniques and procedures. Send cover letter and resume to Bill Webster.

**Animal Health Technician, GR20 (T7202) Veterinary Medical Teaching Hospital-Statutory Minimum Biweekly Salary: \$534.30**  
Provide procedure therapy for ICU patients and assist with emergency procedures. Teach intensive care and emergency protocol to students assigned to ICU duty. Some weekends and holidays. Rotating shift, 3 p.m.-11 p.m. and 11 p.m.-7 a.m.  
**Requirements:** Associate's in animal health technology and NYS licensure (or eligibility) required. Minimum 2 years related experience. Experience working with small animals, interest in teaching critical care techniques preferred.

**Technician, GR20 (T6910) Veterinary Medical Teaching Hospital-Statutory Minimum Biweekly Salary: \$534.30**  
Take radiographs and process films of animal patients and research material as required. Other duties as assigned. 39 hours per week, rotating Saturday, 10 a.m.-7 p.m.  
**Requirements:** Licensed radiologic technician and/or NYS licensed animal health technician required. Minimum 2 years experience handling animals preferred.



**Animal Health Technician, GR20 (T6705)**  
**Veterinary Medical Teaching Hospital-Statutory**  
**Minimum Biweekly Salary: \$534.30**  
Assist with emergency and surgical procedures. Responsible for medical treatments; manufacture, compound, dispense and administer prescriptions. Evenings and weekends.  
**Requirements:** Associate's or equivalent in animal health technology required, NYS licensure (or eligibility) required. 2 years experience as A.H.T. and experience working with large animals preferred.

**Technician, GR20 (T7002)**  
**Diagnostic Laboratory-Statutory**  
**Minimum Biweekly Salary: \$534.30**  
Provide back-up for all specialized functions in the Receiving Section as well as provide primary interface for clients, faculty and staff in the Veterinary college on problem submissions. Monday-Friday, rotating Saturdays.  
**Requirements:** Associate's or equivalent, Bachelor's or equivalent preferred in animal science or related animal health field. Licensed animal health technician preferred. 2 years experience in veterinary practice or in large animal health facility helpful. Pre-employment physical required.

**Technician, GR20 (T7102)**  
**Biochemistry, Molecular and Cell Biology-Statutory**  
**Minimum Biweekly Salary: \$534.30**  
Provide technical support for large research project on the expression of genes in plant cultures and in isolating and analyzing DNA and enzymes.  
**Requirements:** Bachelor's or equivalent scientific area of study (biochemistry, genetics, etc.) required. 1-2 years experience in gene expression and cloning techniques and general laboratory techniques.

**Technician, GR20 (T7103)**  
**Center for Environmental Research-Statutory**  
**Minimum Biweekly Salary: \$534.30**  
Build and maintain experimental set-ups and perform experiments on plants in an anaerobic environment to determine gas flux between shoots and roots. Maintain and operate gas chromatograph, infrared gas analyzer, oxygen meter, PH meter and other equipment. Prepare nutrient solutions; maintain greenhouse plants. Analyze data using Mac, IBM and mainframe.  
**Requirements:** Bachelor's in biological sciences required. 1-2 years experience in laboratory equipment and analysis. Knowledge of nutrient analysis.

**Life Safety Specialist, GR21 (T7001)**  
**Life Safety Services-Endowed**  
**Minimum Biweekly Salary: \$557.70**  
Repair and maintain fire extinguishers, maintain and test fire reporting/suppression systems; respond to emergency incidents; train University personnel in aspects of safety/fire prevention and various duties as assigned. Duty hours may encompass 24 hour shift coverage and include weekdays and weekends. 39 hour week including weekdays and weekends.  
**Requirements:** AAS or equivalent with emphasis on building construction and blueprint reading. Minimum of 3 years related experience required. Knowledge of NFPA, NYS and Federal codes and standards. Experience and training in fire service, rescue, fire prevention and safety fields. Must possess mechanical abilities. Valid NYS driver's license. Excellent written and oral communication skills. Certified in First Aid and EMT desired.

**Technician, GR21 (T7309)**  
**Diagnostic Laboratory-Statutory**  
**Minimum Biweekly Salary: \$557.70**  
Assist in the development of new serodiagnostic tests, perform serodiagnostic tests.  
**Requirements:** Bachelor's degree in microbiology/immunology or equivalent, computer programming experience preferred. Minimum 2 years related experience, previous use of aseptic techniques, general lab equipment and protocols; training and previous experience with computers are highly desirable. Knowledge of statistics is desirable.

**Technician, GR22 (T7004)**  
**Diagnostic Laboratory-Statutory**  
**Minimum Biweekly Salary: \$581.09**  
Implement biochemical and serological procedures for the specification of Mycoplasma isolated from clinical samples. Perform microbiological and immunological tests on specimens as requested by clinicians to aid in the diagnosis of infections in animals and humans. Monday-Friday, 8-5 with rotating Saturdays.  
**Requirements:** Bachelor's or equivalent in clinical microbiology or medical technology. ASCP licensing preferred but not required. Minimum 2-3 years experience in veterinary clinical microbiology desirable. Supervisory experience a plus.

**Communications Technician, GR24 (T7113)**  
**CIT-Network Services-Endowed**  
**Minimum Biweekly Salary: \$639.59**  
Perform diverse assemblies and installations of local area network and data communications equipment; provide technical assistance for computers; perform some junior-level installation design and troubleshooting. 39 hours per week with occasional overtime.  
**Requirements:** Associate's or equivalent in electronics, electromechanics or equivalent. 3-5 years relevant experience; able to accurately use and interpret oscilloscope, breakout box, BERT and telephone circuit test equipment. Some micro computer software experience desired. Construction experience helpful. Accuracy; attention to detail; good judgment; excellent interpersonal, organizational and time management skills essential. Must be able to climb a ladder, drive a van, and lift up to 50 pounds. NYS driver's license required.

## Technical Part-time

**Animal Technician, GR18 (T7203, T7204)**  
**Veterinary Microbiology-Statutory**  
**Minimum full-time equivalent: \$487.50**  
Provide care (feed, water, clean and monitor) for small research animals (canines and rodents) following strict protocols for sterile or disease control environments and regulations for animal welfare. Assist Vets in treating and vaccinating animals. 24 hours per week (weekend and holiday work required).  
**Requirements:** High School diploma or equivalent. 1 year related experience. Knowledge of a variety of laboratory animals and animal breeding required.

**Technician, GR19 (T7304)**  
**Psychology-Endowed**  
**Minimum full-time equivalent: \$510.90**  
Responsible for carrying out experiments, analyzing data, keeping laboratory records, overseeing animal colony, and other activities related to experiments such as surgery, histology and occasional library research. Flexible, 30 hours per week. Until 3/31/92, continuation contingent upon funding.  
**Requirements:** Minimum 2 years related coursework. Bachelor's or equivalent in biology or biopsychology or a related field desired. Experience in data analysis, computers, histology, surgery, behavioral observation and handling animals.

## Office Professionals

Approximately half of all University openings are for Office Professionals. Individuals with secretarial, word processing (IBM PC, Macintosh, Wang, Micom), data entry, technical typing, or medium to heavy typing (45-60+ wpm) are encouraged to apply.

Submit a signed employment application and resume. Requests for referral and/or cover letters are not accepted from external candidates unless specified in the ad. Qualified applicants will be invited for a preliminary interview at our East Hill Plaza office.

**Cashier, GR15 (G7301)**  
**Dining-Endowed**  
**Minimum Biweekly Salary: \$429.01**  
Transact cash and credit sales; tabulate daily figures and prepare deposits.  
**Requirements:** High School diploma or equivalent. 1-2 years related experience. Basic reading and computation skills. Good interpersonal and communication skills required.

**Sales Assistant, GR17 (C7217)**  
**Laboratory of Ornithology-Endowed**  
**Minimum Biweekly Salary: \$467.98**  
Provide clerical and retail support for Crow's Nest Bookshop. Act as receptionist, sales assistant, operate cash register and perform data entry for Bookshop information. Other duties as assigned.  
**Requirements:** High School diploma or equivalent. Prior retail background desired. Able to operate cash register or willingness to learn. Experience with computers needed. Cash handling. Some knowledge or interest of birds helpful. Ability to deal well with the public and work under pressure essential. Medium typing. Send cover letter and resume to Esther Smith.

**Binding Assistant II, GR17 (C7211)**  
**Conservation-CUL-Endowed**  
**Minimum Biweekly Salary: \$467.98**  
In accordance with conservation standards, apply various techniques/materials in the pre-binding of all unbound monographs; prepare monograph and theses for commercial binding and older monographs for conservation rebinding; maintain power machinery, relevant records and stock materials; share responsibility for function of unit, including work flow, staff coverage, training and decision making. Other duties as assigned.  
**Requirements:** High School diploma or equivalent. Previous library or other appropriate experience. Ability to dismantle and service power machinery. Knowledge of book binding structures desirable. Ability to train and monitor work of others including safety and emergency procedures. Strong communication and interpersonal skills.

**Office Assistant, GR17 (C5129)**  
**University Relations/News Service-Endowed**  
**Minimum Biweekly Salary: \$467.98**  
Assist with production of news releases; provide clerical and research support for editors and writers.  
**Requirements:** High School diploma or equivalent with at least 1 year of office experience, preferably at Cornell. Must have good organizational skills and experience in dealing with people. Familiarity with personal computer and highly accurate typing skills highly desirable. Medium typing.

**Senior Circulation/Reserve Assistant, GR18 (C7316)**  
**Access Services, Olin Library-CUL-Endowed**  
**Minimum Biweekly Salary: \$487.50**  
Under the direction of Circulation/Reserve Coordinator, is responsible for processing book replacement and fine bills; prepare and send bills and credits to the Bursar and CU collections; also work at Circulation desk; work with computer applications for billing process.  
**Requirements:** Some college coursework and/or related experience. Organizational ability and aptitude for detailed work. Ability to work well with a variety of people in a public services setting. Experience with microcomputers desirable. Some background with business math desirable. Strong interpersonal and communication skills. Medium typing.

**Office Assistant, GR18 (C7302)**  
**Laboratory of Ornithology-Endowed**  
**Minimum Biweekly Salary: \$487.50**  
Responsible for creating and analyzing computerized records for the Bird Population Studies Program by editing data, organizing computerized data records, and running data through analysis programs; handle written and oral correspondence as well. Until 3/90 with probable extension.  
**Requirements:** High School diploma or equivalent. Some college coursework in biological sciences strongly desired. Knowledge of birds preferred. 1 year related experience. Computer skills required (ability to use P.C.; work with mainframe helpful, work with statistics and programming helpful). Must be able to work well independently and be well organized. Send cover letter and resume to Esther Smith.

**Secretary, GR18 (C7304)**  
**Unions and Activities-Willard Straight-Endowed**  
**Minimum Biweekly Salary: \$487.50**  
Provide secretarial/clerical and typing support for the administrative staff and student volunteer board members. Provide receptionist support. Actively assist with student supervision, training and office management. 10 month position.  
**Requirements:** High School diploma or equivalent, some college preferred. Minimum 1-2 years office experience required. Excellent typing skills and adeptness with various types of office equipment. IBM-PC with Wordperfect, Lotus 123 and/or dBase III+ preferred. Excellent command of English required. Ability to work under pressure. Heavy typing.

**Personnel Assistant, GR18 (C7309)**  
**Office of Human Resources-Endowed**  
**Minimum Biweekly Salary: \$487.50**  
Provide staff support in recruitment for non-academic positions as well as coordinate advertising placement and billing. Coordinate and refer applicants to temporary technical assignments; responsible for timely and accurate referral of applicant materials; maintain records and statistics; type correspondence, provide information to applicants and departments on open positions, employment policies and procedures.  
**Requirements:** High School diploma or equivalent. Some college desired. Minimum 1 year work experience in personnel-client services or business setting. Demonstrated interpersonal and communication (written/oral) skills necessary. Knowledge of Cornell helpful. Good organizational skills. Familiar with computers helpful. Medium typing.

**Senior Records Assistant, GR18 (C7314)**  
**Catalog Management, Central Technical Srv.-CUL-Endowed**  
**Minimum Biweekly Salary: \$487.50**  
Under general supervision, responsible for the retrospective conversion of catalog copy including searching, deriving, and tagging machine readable records in various on-line databases; revise and update machine readable records and shelf list. Until 6/30/91.  
**Requirements:** Some college coursework and/or related experience. Ability to do detailed work accurately. Working knowledge of NOTIS and RLIN cataloging systems and the US MARC format for bibliographic data desirable. Strong organizational skills. Medium typing.

**Senior Circulation/Reserve Assistant, GR18 (C7317)**  
**Physical Sciences Library-Endowed**  
**Minimum Biweekly Salary: \$487.50**  
Maintain circulation desk including hiring, training and scheduling student assistants; maintain copy service; oversee library on weekends; send overdue bills and recalls. Other duties as assigned. Tuesday-Saturday, 8-5.  
**Requirements:** Some college coursework and/or related experience. Previous work experience especially in a library desirable. Strong communication, organizational, and interpersonal skills. Previous experience overseeing the work of others desirable. Light typing.

**Secretary/Transcriptionist, GR18 (C7218)**  
**Center for International Studies-Endowed**  
**Minimum Biweekly Salary: \$487.50**

Transcribe dictation tapes for Director; assist in general Center correspondence; maintain course materials and general correspondence files.  
**Requirements:** High School diploma or equivalent education. 1 year related experience. Must be able to operate personal computer using software packages for word processing, mail system and calendar system. Excellent secretarial skills essential. Heavy typing.

**Word Processor Operator, GR18 (C7208)**  
**Agricultural Economics-Statutory**  
**Minimum Biweekly Salary: \$487.50**  
Work in small group environment. Prepare class materials; maintain files; coordinate mailings; transcribe dictation and provide backup for other support people. Other duties in support of teaching, research and extension program. Until July 1, 1990 continuation contingent on future funding.  
**Requirements:** High School diploma or equivalent. 1 year related experience. Strong secretarial and typing skills. Should have good writing and arithmetic skills. Thoroughness and attention to detail are desired. Strong interpersonal and communication skills to work in a team environment. Heavy typing.

**Secretary, GR18 (C6609)**  
**Food Science-Statutory**  
**Minimum Biweekly Salary: \$487.50**  
General support for several faculty. Extensive use of word processor to prepare manuscripts, grants, research proposals and related teaching and extension needs; handle travel arrangements; maintain files and general support duties.  
**Requirements:** High School diploma or equivalent. Associate's desirable. Minimum 1 year office experience. Word processing experience preferred. Strong organizational, interpersonal and communication (written and oral) skills. Heavy typing with speed and accuracy.

**Editorial Assistant, GR18 (C7003)**  
**University Press-Endowed**  
**Minimum Biweekly Salary: \$487.50**  
Act as assistant to acquisitions editors. Responsible for acquisition, development and maintenance of several lists of scholarly books; perform office duties of typing, filing, follow-up; extensive phone contact with authors, readers and other departments of the Press.  
**Requirements:** High School diploma or equivalent. Associate's or equivalent preferred. Prior experience with book publishing helpful. Heavy typing. Send cover letter and resume to Esther Smith.

**Secretary, Public Service Assistant, GR18 (C7106)**  
**Mann Library-Statutory**  
**Minimum Biweekly Salary: \$487.50**  
Produce administrative support for Mann Library, Public Services Division. Duties include word processing; design and produce handouts and signs; maintain departmental records; process bills; compile statistics; schedule meetings and take minutes; serve as departmental receptionist. Other duties as assigned.  
**Requirements:** High School diploma or equivalent, some college preferred. 1 year related experience. Word processing skills, familiarity with IBM-PC or Macintosh. Ability to work with a wide variety of people in a public service capacity, set priorities, and work independently. Light typing.

**Senior Stacks Assistant, GR18 (C7109)**  
**Access Services-CUL-Endowed**  
**Minimum Biweekly Salary: \$487.50**  
Under the direction of the Administrative Supervisor for Collection Management, maintains the book stacks of the library. Responsible for shelving a large volume of materials, process incoming serials on a daily basis and enforce library policies on assigned floor. Staffs the security desks on a regularly assigned basis, opens and closes the building on assigned days.  
**Requirements:** Some college coursework and/or related work experience. Must be able to work independently with a minimum of supervision. Strong organizational and interpersonal skills. Ability to work well with sudden increases of activity at exit/entrance points.

**Senior Circulation/Reserve Assistant, GR18 (C7107)**  
**Uris Library-Circulation/Reserve-Endowed**  
**Minimum Biweekly Salary: \$487.50**  
Under the direction of the Circulation Supervisor, hire, train, supervise, schedule, and evaluate the student assistants hired to work in the Circulation department. Responsible for a variety of clerical duties and work at the service desks. Sunday, 2-10 p.m.; Monday-Thursday, 8-5 p.m.  
**Requirements:** Some college coursework and/or related work experience. Ability to work well with a variety of people and oversee the work of others. Strong organizational, interpersonal and communication skills. Attention to detail. Light typing.

**Assistant Tradebook Buyer, GR19 (C7201)**  
**Campus Store-Endowed**  
Under general supervision, assist Senior Tradebook Buyer and Book Department Assistant Director in ordering new and backlist titles in both popular and academic subjects. Expedite orders requiring special handling; provide direct customer service on the sales floor. Also, assist in floor display and shelf maintenance. Some weekends.  
**Requirements:** Associate's or equivalent combination of education and experience preferred. Strong humanities background preferred. Extensive bookselling and customer service experience needed. Good communication, interpersonal and organizational skills essential. Some supervisory experience helpful. Send cover letter and resume to Esther Smith.

**Administrative Aide, GR19 (C7215)**  
**University Development-Endowed**  
**Minimum Biweekly Salary: \$510.90**  
Provide administrative and secretarial support for the Office of Special Gifts. Type correspondence; make travel arrangements and appointments; answer phones; file. Assist in coordinating arrangements for Campus Visits Program.  
**Requirements:** High School diploma or equivalent, Associate's or equivalent preferred. Minimum 2 years related experience. Excellent secretarial, organizational and interpersonal skills. Experience with computers. Pleasant telephone manner. Knowledge of University Travel Office helpful. Able to be flexible, set priorities, work independently in a complex, active environment. Medium typing.

**Secretary, GR19 (C7205)**  
**JGSM-Endowed**  
**Minimum Biweekly Salary: \$510.90**  
Responsible for providing word processing and administrative support for faculty members using Mass 11 and the Macintosh. This entails a broad set of responsibilities which includes execution and completion of all incoming work with emphasis on technical typing. Other duties as assigned.  
**Requirements:** High School diploma or equivalent. Associate's or equivalent preferred. Minimum 2 years secretarial and office experience. Familiarity with word processors and Macintosh computers. Excellent organizational, interpersonal and communication (written and oral) skills. Heavy typing.

**Office Assistant, GR19 (C7212)**  
**Finance and Business Services-Statutory**  
**Minimum Biweekly Salary: \$510.90**  
Assign vendor numbers; assist with cashier function; process travel advance adjustments; approve College and State requisitions; process Statutory colleges postage charges; reconcile communications receivable account and input data via terminal to university accounting system.  
**Requirements:** Associate's or equivalent preferred with 1-2 years related experience or 3 years general office experience. Some terminal input knowledge helpful. Familiarity with Cornell accounting system preferred. Banking or cashier experience desirable. Light typing.

**Information Specialist, GR19 (C7306)**  
**Career Center-Endowed**  
**Minimum Biweekly Salary: \$510.90**  
Provide support in the area of career library resources; assist the Library Coordinator in the day-to-day responsibilities of collecting, cataloging, and disseminating a vast array of career information.  
**Requirements:** Associate's or equivalent. Macintosh word processing skills essential. Organizational ability. Strong communication (written and oral) skills. Attention to detail important. Knowledge of Cornell highly desirable. 1 year related experience. Medium typing.

**Administrative Aide, GR19 (C7312)**  
**Materials Science and Engineering-Endowed**  
**Minimum Biweekly Salary: \$510.90**  
Provide secretarial, administrative and accounting support for one faculty member. Monitor accounts; maintain publications files; prepare invoices for RBS analysis; type and process correspondence, proposals, etc.; assist students and visitors as needed. Other duties as assigned.  
**Requirements:** High School diploma or equivalent, coursework in accounting. Minimum 1-2 years related experience. Familiar with IBM PS/2 personal computer or willingness to learn. Good organizational, interpersonal and communication skills. Ability to work independently. Familiar with Cornell accounting system. Light typing.

**Administrative Aide, GR19 (C7313)**  
**Uris Undergraduate Library-CUL-Endowed**  
**Minimum Biweekly Salary: \$510.90**  
Provide administrative/secretarial support for Uris Librarian and all aspects of CUL's undergraduate library. Responsible for a broad range of tasks including word-processing; assist with payroll matters; handle petty cash; oversee student assistant; deal with a wide variety of staff both within and outside the library including liaison with custodial and repair personnel.  
**Requirements:** High School diploma or equivalent. Some college background desirable. Minimum 2 years office/secretarial experience or equivalent. Experience with microcomputers, especially wordprocessing (Wordperfect) and database management software. Excellent interpersonal, communication and organizational skills. Ability to work independently and exercise good judgment and work under pressure in a busy environment. Attention to detail. Handle confidential material with discretion. Familiar with Cornell helpful. Medium typing.

**Secretary, GR20 (C7307)**  
**Office of Public Affairs-Endowed**  
**Minimum Biweekly Salary: \$534.30**  
Provide administrative and secretarial support for Director of External Affairs. Coordinate alumni, faculty and student receptions and programs, both on and off campus; maintain alumni records; handle all gift records and acknowledgments, monitor external affairs annual budget and be responsible for several office accounts; make travel arrangements; receptionist duties as needed.  
**Requirements:** Associate's or equivalent experience, preferably at Cornell. Minimum 2 years related experience. Excellent organizational, administrative and communication (written/oral) skills. Ability to work well with a wide range of people. Experience with Mac computer programs highly desirable. Medium typing.

**Secretary, GR20 (C7303)**  
**NYSSILR-Statutory**  
**Minimum Biweekly Salary: \$534.30**  
Provide secretarial and clerical support to professors and course coordinator. Type course material, correspondence and manuscripts, some of which use statistical notation; perform general office duties including: reception, mail; file; record maintenance; assist Department Chairman with other projects.  
**Requirements:** Associate's or equivalent. Minimum 2 years experience. Skill and experience with word processor. Excellent organizational, communication and interpersonal skills are essential. Ability to produce technical manuscripts or appropriate typing experience. Heavy typing.

**Copy Prep Specialist, GR20 (C7221)**  
**Campus Services-Endowed**  
**Minimum Biweekly Salary: \$534.30**  
Serve as operator for Linotronic 300 and related equipment to set type and merge graphics and text to create photo-ready copy; communicate with customers regarding matters related to electronic comp. process; design simple page layouts using Macintosh based software hardware. Traditional paste-up.  
**Requirements:** High School diploma or equivalent. Associate's in commercial arts or design strongly desired. Minimum 2 years related experience, e.g.; Macintosh and traditional paste-up. Will train on Linotronic 300. Must have type setting experience. Medium typing. Send cover letter and resume to Esther Smith.

**Accounts Assistant, GR20 (C7219)**  
**Controller's/Accounting-Endowed**  
**Minimum Biweekly Salary: \$534.30**  
Accounts payable input and data entry. Communicate with vendors and vendor file maintenance; responsible for manual check processing; reconciliation of accounts used in accounts payable system; research of outstanding credit memos.  
**Requirements:** High School diploma or equivalent. Associate's or equivalent preferred. Minimum 2 years previous data entry experience preferred. Accuracy and good interpersonal skills a must.

**Administrative Aide, GR20 (C7102)**  
**Johnson Museum-Endowed**  
**Minimum Biweekly Salary: \$534.30**  
Provide administrative and secretarial support for museum's curatorial staff. Assist in all aspects of the daily and long-range operations for the department, including administration, collections management, and exhibitions.  
**Requirements:** Associate's or equivalent, or previous museum administration experience required. Minimum 2 years related experience. Prior knowledge of museum work and some art history background helpful. Superior typing, editing, and organizational skills essential. Excellent interpersonal skills. Ability to initiate and prioritize projects with minimum supervision and work under pressure. Supervisory skills necessary. Medium typing.

**Media Assistant, GR21 (C6805)**  
**Summer Session-Endowed**  
**Minimum Biweekly Salary: \$557.70**  
Under general supervision of the Division media manager, implement publicity and marketing projects for the Division. Use Apple Macintosh Pagemaker and Microsoft Word to create fliers, brochures, ads, forms and other printed material from first drafts to mechanicals. Monitor and record distribution. Handle other projects as assigned.  
**Requirements:** Associate's or equivalent. Bachelor's or equivalent preferred. Minimum 2-3 years experience in media-related field. Excellent organizational skills and ability to work independently. Proven writing and editorial skills. Knowledge of graphic design. Ability to work under pressure and meet deadlines. Experience with Apple Macintosh and especially with Pagemaker and Filemaker Plus software helpful. Ability to lift 40 pounds. Valid NYS driver's license. Send cover letter, resume, 2 short writing samples and 2 graphic design samples to Esther Smith.

**Theatre Assistant, GR22 (C7017)**  
**Theatre Arts-Endowed**  
**Minimum Biweekly Salary: \$581.09**  
Alter, cut, pattern, stitch costumes for theatre productions. Coordinate laundering and maintenance of costumes; assist with craftwork and dyeing. Maintenance of costume shop equipment. Seasonal position yearly to mid-May. Until May 1990.  
**Requirements:** Bachelor's or equivalent in theatre/costume construction preferred. Substantial experience with costume construction required. Knowledge of multiple areas of costuming including excellent stitching skills, patterning, cutting, alterations. Send cover letter and resume to Esther Smith.



## Jobs *Continued from page 3*

### Office Professionals Off-Campus

**Secretary, GR20 (C7308)**  
**Public Affairs, Mid-Atlantic Regional Office, Wayne PA-Endowed**  
**Minimum Biweekly Salary: \$534.30**  
Type correspondence, forms, vouchers and other materials; keep records, file maintenance and receptionist support; handle meeting and travel arrangements for the Director; telephone and personal contact with alumni and volunteers. Special projects as needed.  
**Requirements:** Associate's or equivalent. Minimum 2 years experience. Strong organizational, interpersonal and communication skills. Able to work independently. Computer experience necessary. Medium typing.

### Office Professionals Part-Time

**Office Assistant, GR15 (C7206)**  
**Veterinary Medical Teaching Hospital-Statutory**  
**Minimum full-time equivalent: \$429.01**  
Work with weekend hospital census package and other medical record computer programs; check in records from the Small Animal Clinic on a daily basis; file laboratory reports and record on a daily basis; pull medical charts for research; assist doctors in finding records and ready records for microfilm. Monday-Friday, 2 p.m.-6 p.m., Saturday, 8 a.m.-12 noon. Must be willing to work holidays.  
**Requirements:** High School diploma or equivalent. Good organizational, interpersonal and communication skills. Light typing. Send cover letter and resume to Esther Smith.

**Office Assistant, GR16 (C6905)**  
**Johnson Museum-Endowed**  
**Minimum full-time equivalent: \$448.50**  
Operate museum reception desk in lobby. Provide information to visitors; sell cards, catalogues, and posters; answer telephone switchboard; take accurate messages for staff members; relay accurate information to weekend supervisor; provide security for museum lobby; and available to work special events during evening hours. Saturday and Sunday 8:45 a.m.-5 p.m. plus some evening hours.  
**Requirements:** High School diploma or equivalent. Previous receptionist experience desirable. Interests and involvement in art or related areas highly preferred, as well as familiarity with the Ithaca community. Send cover letter and resume to Esther Smith.

**Office Assistant, GR17 (C7213)**  
**East Asia Program (Asian Studies)-Endowed**  
**Minimum full-time equivalent: \$467.98**  
Provide secretarial support to the East Asia Program's Executive Staff Assistant and Administrative Aide. Take charge of the Program's weekly faculty luncheons. Monday, Wednesday, Thursday, Friday, 12-4; Tuesday, 10:30-2:30.  
**Requirements:** High School diploma or equivalent. General office skills. Knowledge of IBM computers and wordperfect. Light typing. Send cover letter and resume to Esther Smith.

**Office Assistant, GR18 (C4526)**  
**Facilities Planning and Construction/Senior Vice President-Endowed**  
**Minimum full-time equivalent: \$487.50**  
Provide variety of highly confidential secretarial/clerical functions in extremely fast-paced office that serves Cornell's varied publics. 20-25 hours per week.  
**Requirements:** High School diploma or equivalent required. Minimum 1 year secretarial/clerical experience. Knowledge of university highly desirable. Knowledge of (or desire to learn) Mac computer preferred. Able to exercise independently judgment essential. Light typing.

**Senior Records Assistant, GR18 (C7315)**  
**Catalog Management, Central Technical Srv.-CUL-Endowed**  
**Minimum full-time equivalent: \$487.50**  
Under general supervision, responsible for the retrospective conversion of catalog copy including searching, deriving, and tagging machine readable records in various on-line databases; revise and update machine readable records and shelf list cards. Until 6/30/90, 20 hours per week.  
**Requirements:** Some college coursework and/or related experience. Some previous related work experience. Ability to do detailed work accurately. Working knowledge of NOTIS and RLIN cataloging systems and the US MARC format for bibliographic data desirable. Strong organizational skills. Medium typing.

**Senior Night Supervisor, GR20 (C7311)**  
**Access Services, Olin Library-CUL-Endowed**  
**Minimum full-time equivalent: \$534.30**  
Under the direction of Assistant Access Services Librarian, is responsible for evening operation of Circulation area and the security of building; also supervisory responsibility for the 2 Building Attendants, working evenings. 24 hours per week, evening and weekend hours to be scheduled.  
**Requirements:** Associate's or equivalent required. Bachelor's or equivalent preferred. Strong organizational, interpersonal, and communication skills. Ability to work with a variety of people in a busy public services setting. Supervisory experience desirable. Work experience in a library strongly desirable. Light typing.

### Office Professionals Temporary

In addition to posted positions, temporary opportunities occur in many occupational areas, including secretarial, word processing, accounting, and office administration. All individuals are encouraged to apply; experienced applicants with a typing speed of 45-60 wpm, knowledge of IBM-PC Word Perfect software and Macintosh word processing are in particular demand. Call Karen Raponi at (607) 255-2192 or 255-7422 for more information.

**Office Assistant (S7203)**  
**Mann Library-Statutory**  
Design and distribute questionnaires; summarize data; compile mailing lists; maintain correspondence; word processing and document preparation; Contact, via mail and phone, numerous undergraduates, alumni and businesses, working cooperatively with various academic and administrative units on campus.  
**Requirements:** Bachelor's or equivalent significant experience in project management, microcomputers, or public relations. Advanced knowledge of and experience with complex word- and database processing applications; experience with Macintosh personal computers; ability to use Page Maker or SPSS or SAS software; experience with one word processing package. Variable hours, 19 hours per week, mostly Monday-Friday until 6/30/90. Send cover letter and resume to Karen Raponi.

**Personnel Assistant (S7105)**  
**Office of Human Resources**  
**Hourly Rate: \$5.00**  
Provide, under close supervision, staff support in the areas of recruitment, referral, and data input. Until January 1990.  
**Requirements:** High School diploma or equivalent. Computer data entry skills necessary. Good organizational skills and attention to detail. Good interpersonal skills. Medium typing skills. 1 year office experience desirable.

**Project Leader (S6802)**  
**Stouffer Hotels Library**  
Supervise others in the smart barcoding project of 25,000 books. Identify problems within the project. Send cover letter and resume to Katie Laurence, Statler Hall.

**Conservation Technician (S6709)**  
**Mann Library**  
Performs a variety of tasks relating to the microfiche/filming of brittle materials as part of the Cornell/NYS Library Coordinated Preservation Grant to preserve the published of New York's agriculture, environmental conservation, and rural economy. Duties include preparation of materials for re-formatting, preparing target series on a microcomputer, and quality control. Approximately 4 hours per day, Monday-Friday between the hours of 8 a.m.-5 p.m.  
**Requirements:** Associate's or equivalent. Microcomputer and previous library experience desirable. Send cover letter and resume to Michele Draiss, 235 Olin Library.

## General Service

Submit a signed employment application and resume. Requests for referral and/or cover letters are not accepted from external candidates unless specified in the ad. Qualified applicants will be invited for a preliminary interview at our East Hill Plaza office.

**Food Service Worker, SO02 (G7302)**  
**Dining-Endowed**  
**Hiring Rate: \$5.75**  
Prepare, present and serve food items for Co-op, cash, catering or special events. Shift subject to change. 40 hours per week.  
**Requirements:** Basic reading and writing skills. 1 year related experience. Working knowledge of food preparation and presentation. Able to operate choppers, slicers, mixers, ovens, steam kettles, pressure steamers and various hand tools. Good customer relation skills.

**Custodian, SO02 (G7304)**  
**Buildings Care-Statutory**  
**Hiring Rate: \$5.75**  
Provide general custodial care of buildings and grounds in immediate vicinity of assigned area. Monday-Thursday, 6 a.m.-2:30 p.m.; Friday 6 a.m.-1:30 p.m.  
**Requirements:** Basic reading and writing skills. Able to operate a variety of heavy power equipment, lift 50 pounds and climb an 8 foot ladder.

**Print Machine Operator, SO09 (B7203)**  
**Media Services-Statutory**  
**Hiring Rate: \$7.84**  
Operate offset presses utilizing a variety of printing skills which includes critical registration, full page bleeds, and mixing color inks.  
**Requirements:** High School diploma or equivalent; 2 years vocational training or equivalent experience. Minimum 3 years experience in daily operation of offset printing equipment. Ability to lift 50 pounds. Send cover letter and resume to Cynthia Smithbower by June 30.

### General Service Part-time

**Dish Machine Operator, SO02 (G7301, G7303)**  
**Dining-Endowed**  
**Hiring Rate: \$5.75**  
Wash dishes, utensils, pots and pans. Stock assigned areas. Shift subject to change. 30-35 hours per week.  
**Requirements:** Basic reading and writing skills. Able to learn proper use of dishwashing equipment and cleaning agents. Able to lift 35 pounds.

**Lab Attendant, SO03 (B7202)**  
**Veterinary Pathology-Statutory**  
**Hiring Rate: \$6.00**  
Perform basic tasks in the Histology Laboratory, including Glassware washing, maintenance of block and slide archives, picking up packages, making simple solutions, and coverslipping slides. Approximately 24 hours per week.  
**Requirements:** High School diploma or equivalent to include 1 year chemistry. Related laboratory experience desirable. Send application materials to Staffing Services, 160 Day Hall.

### General Service Temporary

In addition to posted positions, temporary opportunities frequently occur in custodial, food service, dish machine operation, material handling and other service areas. All individuals are encouraged to apply. Call Karen Raponi at (607) 255-2192 or 255-7422 for more information.

#### Boyce Thompson Institute

**Part-time Photo Assistant**  
**Boyce Thompson Institute**  
**Minimum hourly rate: \$6.00**  
Maintain darkrooms, shoot copy work, B&W processing and printing, some layout and computer work. 20-30 hours per week.  
**Requirements:** High School diploma or equivalent. Experience in B&W processing and printing. Some computer experience desirable. Background in biological science a plus. A portfolio will be required for interview. Send resume to Tana Ebaugh, Graphics, Boyce Thompson Institute, 254-1202 by July 7.

**The Learning Web**  
A youth experiential, educational program, a project of CRESP, is expanding. Three permanent positions available August 1989, full Cornell benefits, \$18,000 FTE:

**Rural Apprenticeship Coordinator:** 20 hours per week; works with Tompkins County rural youth of various talents, socio-economic backgrounds and experiences, to develop, monitor, and evaluate community exploration activities and apprenticeship placements; considerable driving.

### Cornell Employment News

Published weekly except for one week each in January and November and two weeks in December by the Office of Equal Opportunity & the Office of Human Resources, Cornell University, 14853. Distributed free and available to staff and faculty at locations around the campus.

Mail service available US delivery third class mail at: \$9.00 for 3 months; \$15.00 for 6 months; or \$24.00 for 12 months. Make checks payable to Cornell University. Mail to 160 Day Hall, Cornell University, Ithaca, New York 14853.

**Editors:** Laurie Roberts, Carolyn McPherson  
**Page Layout:** Cheryl Seland  
**Photography:** Susan Boedicker, Chris Smith, Media Services, Photo Services, Publications

**Telephone:** Human Resources (607) 255-3541  
Office of Equal Opportunity (607) 255-3976

**EQUAL**  
Opportunity at Cornell

**Ithaca Apprenticeship Coordinator:** 20 hours per week (same duties as above); working with City and Town of Ithaca youth.

**Stipended Apprenticeship Coordinator:** 20-30 hour per week; works with youth who face significant difficulties at home, school, or in the community to improve self-concept, personal and social life skills, and vocational and general work skills through weekly contacts; coordinates apprenticeship placements with stipends to youth.

**Qualifications for above positions:** Experience working with youth ages 12-21, from diverse backgrounds and interests; experience working with schools, social agencies, business people and community leaders in Tompkins County or a comparable community. Experience in non-hierarchical, cooperative environment. Submit resume and short statement on youth and experiential learning by noon, July 3, 1989, to The Learning Web, 318 Anabel Taylor Hall, Ithaca, NY 14853; 607-255-5026. Job descriptions available at same address. We are particularly seeking qualified candidates from these groups: African Americans, Hispanic Americans, Asian Americans, American Indians, and other people of color who may not be U.S. citizens.

## Academic

**Lecturer**  
**Department of Communications**  
Teach 5 sections of oral communication. Autumn Semester 1989 beginning August 28.  
**Requirements:** Master's in communication or related field and experience teaching speech required. Additional credentials preferred. Send letter of application, resume or vitae, transcripts, and 3 letters of recommendation by July 10 to: Ralph B. Thompson, Department of Communication, 516 Mann Hall, Cornell University, Ithaca, NY 14853-4301.

**Lecturer**  
**Division of Biological Sciences, Cornell/Hughes Program**  
3/4 time for 12 month appointment. Develop and teach an intensive laboratory course in genetics, molecular and cell biology to Cornell juniors during January semester; supervise development and teaching of two other lab courses (in physiology and neurobiology) during January semester; develop and teach a three-credit molecular biology course to high school biology teachers during summer; and assist Hughes Coordinator in planning and managing entire Hughes program.  
**Requirements:** Doctorate in biological sciences, with postdoctoral experience. Administrative experience desirable. Position is available ASAP for 5 years. Send vita and names of 3 references to Dr. Rita Calvo, 301 Biotechnology Bldg., Cornell University, Ithaca, NY 14853.

**Extension Associate VI**  
**NYSSILR, Institute for Industry Studies, Buffalo**  
Reply to Susan Woods, NYSSILR, Western District, 120 Delaware Avenue, Buffalo, NY 14202.

**Senior Extension Associate I**  
**NYSSILR, Division of Extension and Public Services**  
Reply to Linda Gasser, NYSSILR, Cornell University, P.O. Box 1000, Ithaca, NY 14851-0952.

**Extension Associate IV, CA06**  
**Agricultural Economics-Statutory**  
Applied research and extension relative to the micro-economics of milk production and its relationship to alternative federal dairy policies. Individual will work with a team of professionals associated with the National Institute for Livestock and Dairy Policy.  
**Requirements:** M.S. in agricultural economics is required; experience in relevant applied research; evidence of good written and oral communication skills; 3-5 years of experience. Knowledge of dairy or agricultural industries and dairy policy is desirable. Send vita and names of 3 references to: Dr. Andrew Novakovic, Department of Agricultural Economics, 314 Warren Hall, Cornell University, Ithaca, NY 14853-7801.

## Select Benefits Claim Schedule for 1989

If you wish to submit current 1989 bills for reimbursement from a medical care or dependent care reimbursement account, the following are deadlines for each biweekly period.

The dates are listed for your information only. You do not have to submit your bills on a particular date but all bills have to be submitted for reimbursement either by the end of the 1989 plan year or during the 3-month grace period in the new plan year (January, February, or March, 1990.)

6/23/89	10/13/89	10/27/89
7/07/89	8/31/89*	11/10/89
7/21/89	9/15/89	11/21/89*
8/04/89	9/29/89	12/08/89
8/16/89	10/13/89	12/19/89*

\*Early deadlines due to Labor Day, Thanksgiving and Christmas.

## Degree *Continued from page 1*

of the concerns and problems of students and staff has increased. My dedication to the university has increased which might be difficult for other employees who have not attended Cornell as a student to appreciate."

**Christina Writer:** "In my present position, a large portion of my time is spent in advising students. As a Cornell student, I can emphasize with their points of view and the hurdles they face in completing their own degree requirements."

**Timothy Wheeler:** "The Employee Degree Program allowed me to undertake a new project for Cornell and still reach my own goal of a BSEE. I feel the EDP is an extremely important program that provides benefits both to Cornell and Cornell employees."

### A Sense of Accomplishment: Achieving One's Goal

**Christina Writer:** "My experience in the degree program has been a very positive one. I have enjoyed the challenge of academia and hope to enter graduate school in the near future."

**Carol Smith:** "The Employee Degree Program provided the only possible way for me to continue my education. The time involved and the extra work seem unimportant now that I have graduated. The sense of accomplishment in achieving my goal made it all worthwhile."

### Who is eligible for the Employee Degree Program?

Full-time employees with one year of service are eligible. Degree programs must be job-related and shown to hold significant potential benefit to both the employee and the university.

### If I'm interested in the Employee Degree Program, how do I begin?

Begin by contacting the Training & Development section of the Office of Human Resources at 5-7170.

## 1989 University Holiday Schedule

Holiday	Day(s) of Observance
Independence Day	Tuesday, July 4, 1989
Labor Day	Monday, Sept. 4, 1989
Thanksgiving	Thursday, Nov. 23, 1989 Friday, Nov. 24, 1989
Winter Holiday Period	Monday, Dec. 25, 1989 Tuesday, Dec. 26, 1989 Wednesday, Dec. 27, 1989 Thursday, Dec. 28, 1989 Friday, December 29, 1989 Monday, January 1, 1990

For the past few years, nonacademic units which provide services to the general public, students, faculty and/or other staff have been required to remain open on workdays immediately preceding and following a holiday period. If units contemplate closing on Monday, July 3, 1989, they must first make arrangements to provide services as outlined and must have prior approval of the appropriate dean or vice president.

In keeping with university personnel policy, employees who do not work on Monday, July 3, must take vacation or personal hours, or leave without pay. Departments are not authorized to pay employees additional holiday pay since Monday, July 3, is not a paid holiday. If you have questions concerning this matter, please contact Employee Relations at 5-7206.



# CORNELL EMPLOYMENT NEWS

Including Job Opportunities

Volume 1, Number 25

June 29, 1989

## Staffing Services: 1943

The following letter - written in July 1943 - presents a view of Cornell's employment process 45 years ago.

Office of the Auditor

July 5, 1943

To All Department Heads

President Day has approved the establishment of a University Employment Office, and Mr. H. H. Benson has been appointed Employment Officer. His office is located at 201 Tower Road in the building where Mr. Moyer, Counselor of Men, formerly held an office. His phone number is 3331 - extension 2355.

This office has been established following a joint recommendation to the President by Mr. H. H. Williams and myself, as we felt the employment situation was becoming so serious that it needed more attention.

Mr. Benson will do what he can to assist department heads in both the Endowed and State College to secure any kind of help they need, outside of the academic field. He will give tests to

Continued on page 4

## Salary Improvement Program Explained

As a reminder, the 1989-90 salary improvement program for most endowed employees and statutory bargaining unit employees is effective June 29, 1989. Given our payroll processing procedures, employees will receive their improved salaries based on the following schedule:

- Exempt, endowed employees — July 13, 1989 paycheck
- Nonexempt, endowed & UAW-represented statutory employees — July 20, 1989 paycheck
- Employees represented by the UAW bargaining unit who are receiving lump-sum payments will receive that payment on July 20, 1989.

Due to state budgetary issues, statutory professional and professorial employees will have their increases delayed until further notice — but with retroactivity to June 29, 1989 once the payment is approved. Other statutory employees have already received their salary improvements for 1989 in April. If you have any questions concerning the salary improvement program, please call the Office of Human Resources Compensation Section at 5-7071.

## Job Ops List Will Continue Each Week During the Summer; Cornell Employment News Will Reduce Schedule for July and August

### CORNELL EMPLOYMENT NEWS



Eldercare: Balancing the Dual Role of Caregiver and Employee



Deadline for 1989 EMPLOYEE CLAIMS: Mar 31

### CORNELL EMPLOYMENT NEWS

Including Job Opportunities

Two Programs in Place to Welcome and Orient New Employees to Cornell



Jean Neuwirth Named OHR Benefits Manager



Confidentiality of Employees' Personal Information Assured



Office Professional/Supervisor Relationships: Keys to Success

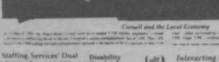
### CORNELL EMPLOYMENT NEWS

Including Job Opportunities

Cornell at Work



Cornell and the Local Economy



Staffing Services: Dual Career Program Aids Relocation of Couples



Disability Benefits: Key to Success

### CORNELL EMPLOYMENT NEWS

Including Job Opportunities

New Wellness Program Begins this Fall - Employees to Receive Info in May Meeting



Ithaca Community Childcare Center Opens New Building



Temp Work Available



U.S. Extension: President's Day Observance - Register by April 21

### CORNELL EMPLOYMENT NEWS

Including Job Opportunities

Employee Degree Candidates Graduate



Graduation Ceremonies Held May 15



Employee Degree Program Graduates



Research on Both Campus and Off-Campus

## Summary of Topics Published January - June 1989

Here is a listing of some of the articles published in Cornell Employment News since January 1989.

What is a Job Description and How to Write One  
Staffing Offers Temporary Employment Services  
Is a Personnel Manual Available for You to Use?  
Avoid Withholding Tax Problems  
New Federal Legislation: Drug Free Workplace Act of 1988  
New University Smoking Policy  
How to Prepare for a Job Interview  
Federal Legislation Establishes Temporary Benefits Continuation  
New Federal Legislation: Hazard Communication Standard Improved  
Eldercare: Balancing the Dual Role of Employee and Caregiver  
Inclement Weather Policy  
Social Security Withholding Changed for 1989  
Exit Interview Questionnaire  
Select Benefits Claim Schedule  
New Federal Income Tax Withholding for 1989  
Human Relations Training: Supervisors Working Toward a More Positive Workplace  
Are Your Beneficiaries Up To Date?  
Timecard Procedures  
Programs to Welcome and Orient New Employees to Cornell  
Hospital Precertification: A Requirement for Both Endowed and Statutory  
Office Professional/Supervisor Relationships: Keys to Success  
Pursuing Career Opportunities: How to Prepare a Resume and Cover Letter  
Career Development Planning: A Two Way Process  
Reserved parking: A Key to Independence  
W-2 Forms Mailed  
New Federal Legislation Requires Completion of Department of Defense Questionnaire  
I.D. Cards Available for Temporary Employees  
Office Professionals Career Committee Forming

The Hiring Process at Cornell  
Temporary Seasonal Job Opportunities  
Affirmative Action Goals  
Black History Month  
Vietnam Era Veterans  
Legal and Illegal Preemployment Questions  
Partnerships to Improve Minority Participation  
How to Change an Incorrect Campus Address  
ERISA Requirement: Publication of Summary Annual Reports of Benefits Plans  
University Policies and Procedures Allow Flexibility for Handling Parenting Concerns  
Completing Timecards Accurately  
TIAA/CREF: Nationwide Pension System  
Disability Notebook: Traumatic Brain Injury and Resultant Disabilities; Interacting with People with Disabilities; Ways to Improve Communication; With Epilepsy at Work; Learning Disabilities in the Workplace; Hearing Impairments; Civil Rights Bill for Employees with Disabilities  
Wellness Program  
Ithaca Community Childcare Center Opens New Building  
Leash Laws in Effect  
Collaborative Programs with Schools and Community Organizations  
Holiday Schedule for 1989  
Sexism at Cornell  
Human Relations Advisory Board Members  
Apprenticeship Recruitment  
Caregivers Support Group  
Dual Career Program Aids Relocation of Couples  
Retirement Issues: 1989 Tax Deferred Plan Update  
Sexual Harassment: Cornell's Policy  
Employee Degree Program Graduates  
Programs Available for Employee Development  
Service Recognition Program  
The Supervisor's Responsibility to New Employees  
Payroll Cut Off for Personnel Action Forms  
How Best to Help Aging Parents

Job Opportunities will continue to be published and delivered each Thursday during the summer to drop-off points around campus. But the articles and information in Cornell Employment News will not be published on a regular basis during July and August.

Cornell Employment News has been publishing for six months now - since January - and the Office of Human Resources and the Office of Equal Opportunity would appreciate hearing your thoughts about Cornell Employment News. Is the paper helpful? What do you like about it? What can be improved? Do you have suggestions for information which should be covered?

We have received several good suggestions for articles from readers which we have written or will be preparing during the summer. For example, articles on reduced work schedule alternatives and an explanation of the new language in the 1989 Personnel Manual updates were topics suggested by readers.

## Cornell Employment News - How Are We Doing?

Please complete form and return to Employee Communication, 130 Day Hall. Thank you.

Name (optional) \_\_\_\_\_ Campus Address (optional) \_\_\_\_\_

Do you read the articles in Cornell Employment News ☐ or just look at Job Ops ☐ ?

What kind of articles do you find most helpful?

What information do you as a Cornell employee need to know?

What topics would you like to see covered in future issues?

Is Cornell Employment News easily available to you each week?

Other comments



# Job Opportunities

June 29, 1989

Volume 1, Number 25

Staffing Services, 160 Day Hall, Cornell University, Ithaca NY 14853-2801  
Day Hall: (607) 255-5226 East Hill Plaza: (607) 255-7422

- Employees may apply for any posted position with an Employee Transfer Application. A resume and cover letter, specifying the job title, department and job number, is recommended. Career counseling interviews are available by appointment.
- Requests for referral and/or cover letters are not accepted from external candidates unless specified in the ad. Candidates should submit a completed and signed employment application which will remain active 4 months. Interviews are conducted by appointment only.

- Staffing Services will acknowledge receipt of all material by mail. Hiring supervisors will contact those individuals selected for interview by phone; please include two or more numbers if possible. When the position is filled, candidates should receive notification from the hiring supervisor.
- Cornell University is an Affirmative Action/Equal Opportunity Employer.
- Job Opportunities can be found on CUINFO

## Professional

Nonacademic professional positions encompass a wide variety of fields including management, research support, computing, development, finance and accounting, dining services and health care.

Submit a resume and cover letter for each position, specifying the job title, department & job number. Employees should include an Employee Transfer Application.

### Director of Leadership Gifts (PA6506) HRIII University Development-Endowed

Responsible for the identification, solicitation and cultivation of gifts from 30,000 alumni and friends of Cornell who have the capacity to make gifts in the \$25K-100,000K range. Develop new programs working closely with the Cornell Fund, Cornell's college & Unit Public Affairs Officers and the Regional Offices to facilitate such gifts. Plan, develop and implement solicitation & on going cultivation strategies. **Requirements:** Bachelor's 3-5 years Development experience and work with volunteer group organizations including Annual Fund or individual giving experience is required. Ability to communicate effectively and persuasively. Excellent writing and communications skills, successful gift solicitation experience, and prospect management expertise are highly recommended. Excellent organization and management skills. Send cover letter and resume to Cynthia Smithbower by July 7.

### Corporate Liaison Staff Assistant (PA7401) HRII Theory Center/CRI-Endowed

Under direction of the Corporate Research Institute (CRI) Director, serve as liaison to CRI members. **Requirements:** Bachelor's or equivalent. 3-5 years program experience in scientific research organization with some experience in marketing; excellent communication and organizational skills required; use of micro-computer and appropriate software helpful. Send cover letter and resume to Cynthia Smithbower by July 21.

### Senior Technical Service Manager (PT7303) HRIII Lab of Nuclear Studies-Endowed

Direct efforts of technical support groups at Wilson and Newman Labs. Provide functional and administrative supervision for first-line technical supervisors and technical managers. Coordinate daily activities of synchrotron technicians, experimental technicians, material handlers and vacuum technicians. Provide technical advice on accelerator facilities, mechanical, electrical, and vacuum systems. Ensure proper and effective operation of building and accelerator support facilities. **Requirements:** Bachelor's or equivalent combination of education or experience in science or engineering. 5 years experience in technical skill and previous laboratory and research-oriented equipment. Broad knowledge and comprehensive understanding of latest developments in materials, mechanical fabrication, high-vacuum techniques, generalized piping and refrigeration, AC power and controls, & industrial safety. Send cover letter & resume to Bill Webster.

### Senior Systems Programmer/Analyst (PT4010) Level 35 Computer Services-Endowed

Design, develop and program software systems related to computer-based communications. Prepare documentation, train and assist users; process database changes. **Requirements:** Bachelor's or equivalent; 3-5 years programming experience; extensive knowledge of VM/CMS (especially X edit) and IBM assembly language. Knowledge of Pascal and C languages, with TCP/IP network concepts and protocols desirable. Excellent interpersonal and communication (written/verbal) skills. Send cover letter and resume to Bill Webster.

### Applications Programmer/Analyst III (PT7409) Level 34 Cornell Information Technologies/IR-Endowed

Under general supervisions, design, develop, modify and document straight forward applications software in support of a major administrative system. **Requirements:** Bachelor's or equivalent with computer related courses. 3-5 years related experience. Knowledge of at least 2 languages (PL/I, Natural, COBOL, Mark IV); knowledge of applications for interactive and batch administrative systems, data base management systems, machine architecture, system utility programs, VM/CMS. Send cover letter and resume to Bill Webster.

### Applications Programmer/Analyst III (PT7302) Level 34 Lab of Nuclear Studies-Endowed

Diagnose and fix accelerator problems related to control system software. Coordinate general accelerator-related application program development by physicists and engineers. **Requirements:** Bachelor's in Physics or equivalent experience with computer courses. 3-5 years related experience. Experience in laboratory with research-oriented equipment. Send cover letter and resume to Bill Webster.

### Applications Programmer/Analyst II (PT7403) Level 33 Law-Endowed

Develop, modify and maintain applications programs primarily for database management on a PC network. Manage the operations of the PC based management network at the Law School. Provide training and consulting on hardware and software issues and applications to faculty, staff and students. **Requirements:** Bachelor's in computer related field or equivalent. 2-3 years related experience. Knowledge of personal computers and local area networks. Proven computer programming experiences in database applications required. Send cover letter and resume to Bill Webster.

### Assistant Director for Business Services (PA7405) HRII Unions and Activities-WSH-Endowed

Responsible for income enhancement, supervision of personnel, unit accounting, cost control, budget preparation, purchasing and marketing of specific areas of operation. Responsible for aggressively seeking, developing and implementing new income-generating services which compliment the purpose of Willard Straight Hall. **Requirements:** Bachelor's, advanced degree preferred. 2 years previous retail or operations experience in an administrative management capacity, or equivalent experience in related fields. Excellent organization skills with emphasis on creativity, flexibility, goal setting & goal attainment. Direct supervisory experience necessary. Send cover letter & resume to Cynthia Smithbower by August 7.

### Assistant Director, Class Programs (PA7402) HRII Alumni Affairs-Endowed

Responsible for the coordination of Cornell alumni reunions for 5,000+ people; work with several university departments and individual reunion classes.

**Requirements:** Bachelor's, Cornell preferred. 2 years related experience. Strong organizational, interpersonal skills. Knowledge of Macintosh computer systems necessary. Ability to deal with deadlines and alumni. Send cover letter and resume to Cynthia Smithbower by July 9.

### Development Assistant (PA7408) HRII University Development-Endowed

Assist with the coordination and implementation of major gift fundraising. Work closely with the Director and Associate Director and with other staff, faculty and volunteers in carrying out assigned projects and designated responsibilities in support of the major gift fundraising activities with a special emphasis on the Cornell recognition project.

**Requirements:** Bachelor's or equivalent work experience. Excellent written and oral communication skills. Strong interpersonal skills. Strong management and organizational skills. Aptitude for detail oriented work. Send cover letter and resume to Cynthia Smithbower by July 14.

### Mechanical Designer (PT7402) HRII Facilities Engineering-Endowed

Assist in the design and preparation of cost estimates and drawings, specifications and construction documents for maintenance, repair and alteration projects that relate to the Mechanical Section. **Requirements:** Associate's in applied science or equivalent. Knowledgeable of building mechanical systems, skilled in construction estimating and trained in HVAC load calculations. Must also have excellent drafting (CADD experience highly desirable), communication skills, and have and maintain a valid NYS driver's license. Send cover letter and resume to Bill Webster.

### Administrative Supervisor (PA7406) HRII Residence Life-Endowed

Supervise the daily operations of the Housing Assignment Office. Administer student assignment process, maintain computer information system, monitor billings. Supervise 2 full-time and several student employees. **Requirements:** Associate's or equivalent. Bachelor's or equivalent experience preferred. Experience with computerized information systems required. Supervisory experience. Send cover letter and resume to Cynthia Smithbower by July 7.

### Administrative Supervisor I (PG7402) HRII Statler Hotel-Endowed

Assist the Executive Housekeeper in the management of custodial tasks in the Hotel School. Hours include nights and weekends. **Requirements:** Associate's or equivalent in facility management preferred. Minimum 5 years custodial experience. Proven ability as a manager. Excellent communication (oral and written) skills. Send cover letter and resume to Esther Smith.

### Dining Room Coordinator (PG7403) HRII Statler Hotel-Endowed

Schedule, coordinate, and manage the dining room staff to insure that proper etiquette and service is given in the fine dining room of the hotel so as to provide maximum guest satisfaction. Some nights & weekends. **Requirements:** Bachelor's or equivalent in hotel administration preferred. Minimum 2-3 years experience in similar position required. Proven supervisory skills. Familiar with all types of service. Excellent financial management and planning skills. Send cover letter and resume to Esther Smith.

**Assistant Director of Student Activities (PA7404) HRII Unions and Activities-Campus Activities Center (CAC)-Endowed** Student Activities generalist. Advise student organizations. Responsible for student activities, funding, major programs, and popular concerts. Conduct training and development for student organizations. Administer & publish policies related to activities on campus. **Requirements:** Bachelor's or equivalent. 2 years experience in student development and programming. Send cover letter and resume to Cynthia Smithbower by August 1.

### Assistant Director (PA7307, PA7308) HRII Arts and Sciences Admissions-Endowed

Will be involved in the full range of admissions duties: interviewing prospective applicants, recruitment and travel, group presentations, selection, some student advising, etc. Some weekend work. **Requirements:** Bachelor's or equivalent in the liberal arts; advanced degree preferred. Minimum of 3 years admissions experience, college counseling, teaching, or academic advising. Knowledge of admissions marketing and electronic admissions system. Excellent interpersonal, communication and organizational skills; ability to work with students and faculty; and commitment to the philosophy of liberal arts education. Fluency in Spanish preferred but not required. Send cover letter and resume to Cynthia Smithbower by July 7.

### Accounts Manager (PC7305) HRII Patents and Technology Marketing-Endowed

Provide financial support for the Department of Patents and Technology Marketing and Cornell Research Foundation. Involves budget forecasting and preparation of financial reports; responsible for approval of expenditures and distribution of royalty income; work closely with Director on financial matters; manage several DBase systems. **Requirements:** Bachelor's in accounting or equivalent. Minimum 1-3 years accounting and business experience and knowledge of Cornell community. Knowledge of IBM PC's or compatible; Lotus 123 and/or Twin spreadsheet; DBase experience required. Strong organizational and communication (verbal and written) skills. Send cover letter and resume to Esther Smith.

### Director of Minority Educational Affairs (PA7306) HRII Dean's Office, College of Architecture, Art, and Planning-Endowed

Responsible for the development and implementation of programs and services related to recruitment, enrollment and retention of minority and disadvantaged students in the College. **Requirements:** Bachelor's or equivalent, Master's in counseling or student personnel or equivalent preferred. Significant experience in the education of minority students. Ability to work independently, cooperatively, and creatively. Strong verbal and written communication skills. Familiarity with College's academic programs desirable. Send cover letter and resume to Cynthia Smithbower by 7/21.

### Associate Director (PA7305) HRII Human Ecology Admissions-Statutory

Coordinate and execute recruitment and selection programs; recruit travel to high schools and to community colleges; develop publications, videotapes and related materials; assist with general administration, and interface with alumni, guidance counselors, and

others. Coordinate transfer admissions program.

**Requirements:** Bachelor's or equivalent, Master's in related field preferred. 3 years admissions experience required; counseling, publication/videotape development preferred; excellent speaking and writing skills essential. Send cover letter and resume to Cynthia Smithbower by 7/15.

### Dining Supervisor I (PA7302) HRII Dining-Endowed

Supervise daily operation of dining unit, including purchasing and storage of food supplies, maintenance of equipment, planning menus, preparation and dispensing food.

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

### Junior Analyst (PC7203) HRII University Relations/Comm. Strategies-Endowed

Under general supervision, assist in analyzing publications and communications needs to develop new publications or rework existing publications to answer identified needs and relate to overall promotional goals of the university.

**Requirements:** Bachelor's or equivalent. Excellent writing skills. Marketing or public relations experience preferred, preferably in a college or university setting. Send cover letter and resume to Esther Smith.

### Chef (PG7208) HRII Statler Hotel-Endowed

Supply hotel banquets, restaurants and food outlets with assortment of contemporary pastries, breads and dessert menu items. Hours flexible, nights and weekends.

**Requirements:** Associate's or equivalent in culinary arts; must be versed in contemporary French and American cuisine with strong knowledge of the art of pastry making. Minimum 2-3 years experience in bakery or hotel patisserie. \*Send cover letter and resume to Esther Smith.

### Teaching Support Specialist (PT7208) HRII Plant Breeding and Biometry-Statutory

Provide teaching and research support for instruction of various statistics courses. Provide statistical consulting and computing in Biometrics unit.

**Requirements:** Bachelor's or equivalent required, Master's in statistics preferred. Coursework in computer science desired. Some teaching and research experience necessary. Send cover letter and resume to Bill Webster.

### Research Support Specialist I (PT7114) HRII Textiles and Apparel-Statutory

Conduct lab research in a multidisciplinary field of biotechnology and biomedical materials. Until 6/30/90, continuation contingent upon funding.

**Requirements:** Bachelor's or equivalent required; Master's in biology preferred. Previous cell culture skill highly desirable. Send cover letter and resume to Bill Webster.

### Research Programmer (PT7110) HRII Animal Science-Statutory

Provide supervisory and technical support for research programs involving the design and analysis of Dairy Management Systems utilizing the NY Dairy Herd Improvement database. Analyze and develop dairy herd performance measures that will predict economic returns to the dairy enterprise. Develop and program software to assist with dairy herd management.

**Requirements:** Bachelor's or equivalent required; degree in animal science or ag. econ. preferred. Minimum 2 years related experience. High level language (e.g., C" programming experience), ability to use SAS, understanding of advanced computing techniques such as expert systems. Dairy farm background or experience helpful. Send cover letter and resume to Bill Webster.

### Budget Analyst I (PC6904) HRII

**Administrative Operations-University Library-Endowed** Provide analytical and technical support to the budgeting, planning, and fiscal operating processes under the administrative direction of the accounting manager. Total operating expenditures for University Library system are approximately \$20 million annually.

**Requirements:** Bachelor's or equivalent (Associate's and 4-5 years accounting or related experience). 1-2 years related experience preferred. Strong analytical skills required. Cost analysis experience preferred. Experience with IBM/PC and applications (Lotus 1-2-3, dBase III+, and word processing) preferred. High degree of accuracy with attention to detail. Strong organizational, communication (verbal and written), and interpersonal skills. Familiarity with Cornell accounting and budget systems and procedures helpful. Send cover letter, resume and salary requirements to Esther Smith.

### Technical Consultant II (PT6301) Level 33/HRII HDFS/Family Life Development Center-Statutory

Provide technical support, training and orientation to a staff of approximately 30 on the effective use of microcomputers in a complex local area network and electronic publishing environment. Until 3/31/90. Continuation contingent upon funding.

**Requirements:** Bachelor's or equivalent in education. Minimum 2-3 years experience with micro computers; Macintosh experience required. IBM PC familiarity desirable. Working skills must include a fifth generation language, strong system diagnostic and telecommunications. Some experience in PASCAL, C, or BASIC desired. Send cover letter and resume to Bill Webster.

### Research Support Aide (PC6516) HRII Chemistry-Endowed

Coordinate and monitor progress of manuscripts through editorial process for internationally-known technical journal; prepare annual author search survey for journal; submit production and financial reports to American Chemical Society.

**Requirements:** Bachelor's or equivalent in chemistry; Master's or 2 years related experience desirable. Familiarity with modern chemistry and science library; editorial experience helpful. Familiarity with scientific computing and word processing. Send cover letter and resume to Esther Smith.

## Professional Part-time

### Systems Programmer/Analyst II (PT7411) Level 33 Modern Languages and Linguistics-Endowed

Under general supervision, support speech synthesis and analysis in the DMLL Phonetics Laboratory. General responsibility for maintaining software on several computer systems including SUN 160c Workstation (UNIX), IBM-PC/AT (DOS), PDP 11/73 & 40, and MAC

II. 20 hours per week.

**Requirements:** Bachelor's or equivalent experience and training. 2-3 years related experience. Knowledge of UNIX and C required. Ability to develop systems software (such as device drivers); help developers of applications software with system-specific problems; port existing software to new computers; interface existing software with specific hardware (such as A/D converters); develop and maintain networks; enhance existing software with new features (including graphic display of data); do applications program development; and write documentation. Knowledge of and interest in signal processing useful, but not essential. Send cover letter and resume to Bill Webster.

### Applications Programmer II (PT7308) Level 33/HRII Section of Ecology and Systematics-Statutory

Responsible for design, coding and maintenance of applications for natural history database system. Flexible schedule, 20-30 hours per week for grant duration.

**Requirements:** Bachelor's or equivalent with computer related courses or equivalent experience. Must have 2-3 years "C" programming experience with microcomputers. Prior experience with PC database software required. Knowledge of PC-based LANs helpful. Send cover letter and resume to Bill Webster.

## Professional Temporary

### Teaching Support Specialist I (PA7407) HRII Education-Statutory

Assist with Ed. 115, Introductory College Mathematics. Duties include revising problem sets and class materials, assist in development of examinations and answer sheet, grading, working with teaching assistants, some office hours for individual assistance of students. Part-time.

**Requirements:** Master's or equivalent in mathematics or mathematics education. Teaching experience in secondary school, junior or senior college and experience with Macintosh preferred; proven effectiveness in working with students experiencing difficulty in mathematics. Send cover letter and resume to Cynthia Smithbower by July 20.

## Technical

As a prominent research institution, Cornell University has a diverse need for laboratory, electro/mechanical and computer support. Individuals with backgrounds in computer science, biology, microbiology, chemistry, animal husbandry, plant science and medical laboratory techniques are encouraged to apply; applicants with ASCP or AHT licenses are in particular demand.

Submit a resume and cover letter for each position, specifying the job title, department and job number, to Bill Webster, 160 Day Hall. Skill assessment check lists, available at the Day Hall office, are a valuable aid when applying for computer or lab related positions.

### Technician, GR18 (T7305) Chemistry-Endowed

**Minimum Biweekly Salary: \$513.94** Provide staff support to Lab Services and Safety. Prepare, package and distribute reagents and supplies. Assist with inventory control. Occasionally assist in maintenance and toxic materials programs. **Requirements:** Associate's degree or equivalent. 2 years experience or equivalent. Knowledge of lab techniques and procedures; knowledge of safety practices. Send cover letter and resume to Bill Webster.

### Technician, GR18 (T7211) Physiology-Statutory

**Minimum Biweekly Salary: \$513.94** Provide general technical assistance to faculty member in a laboratory doing studies on the physiological controls of food and water in young pigs. The duties vary greatly, including lab maintenance, animal care, surgery preparation and assistance, blood analysis and routine injections. **Requirements:** Minimum 2 years coursework or equivalent in biological science. Bachelor's desired. General background in the biological studies, including some chemistry required. Experience with animals and courses in physiology desired. Willingness to learn and to take on a variety of tasks. Light typing.

### Technician, GR18 (T7301) Laboratory of Ornithology-Endowed

**Minimum Biweekly Salary: \$513.94** Edit and incorporate filled tape recordings of animal sounds into collection of Library of Natural Sounds. Prepare and enter into a computerized information storage and retrieval system; catalog data for recordings in the Library. Until 7/11/90, continuation contingent upon funding. **Requirements:** Associate's or equivalent in biology or related field required. Some experience in the operation of studio audio equipment preferred. Strong technical aptitude. Audio theory, ornithology, or electronics knowledge preferred. Good organizational skills required.

### Tape Technician, GR19 (T7401) CISER/Dean's Office-Statutory

**Minimum Biweekly Salary: \$535.78** Copy magnetic tapes, collect information on those tapes and maintain a series of records concerning the content and condition of the magnetic tape collection of the CISER Data Archive. **Requirements:** Associate's or equivalent in computing. Accuracy and attention to detail with an understanding of data file organization required. Familiarity with IBM mainframes, dBase Plus, database management systems and the ability to organize information desirable. Experience with Cornell IBM environment desirable.

### Technician, GR19 (T7410) Food Science-Statutory

**Minimum Biweekly Salary: \$535.78** Assist in research program using recombinant DNA techniques for industrial microbiology. Carry out experimental protocols, routine maintenance of equipment and purchasing of materials & supplies. **Requirements:** Coursework in microbiology or biology or equivalent. 1-2 years experience in microbiology required; experience in recombinant DNA techniques (e.g. Southern, Northern, DNA sequencing) desired.

### Technician, GR19 (T7306) Pomology-Statutory

**Minimum Biweekly Salary: \$535.78** Under direct supervision, conduct experiments in plant biochemistry.



chemistry, and physiology. Use chromatographic and spectrophotometric equipment for chemical and biochemical analysis; compile data; perform some field treatments and sample collection. Yearly appointment contingent upon funding.  
**Requirements:** Minimum 2 years coursework in chemistry/math required. Bachelor's degree or equivalent in biology or related field with coursework in chemistry or math, preferred. 1 year related experience. Ability to safely handle lab. chemicals and pesticides.

**Technician, GR20 (T7407)**  
**Poultry and Avian Sciences-Statutory**  
**Minimum Biweekly Salary: \$558.78**  
Organize and perform research in avian reproductive endocrinology. Provide technical expertise in a variety of methodologies including molecular endocrinology techniques, RIA, with some animal work and data analysis.  
**Requirements:** Bachelor's or equivalent in biology or biochemistry. Minimum 1-2 years experience. Some training and experience in laboratory procedures. Able to work independently.

**Technician, GR20 (T7307)**  
**Agronomy-Statutory**  
**Minimum Biweekly Salary: \$558.78**  
Provide support for research in biochemical analysis of specific mRNA's, activities of enzymes, and amounts of storage proteins in plant tissues. Duties include culturing bacteria containing cDNA plasmids, extracting and purifying DNA from bacteria and mRNA from plants and performing hybridization assays.  
**Requirements:** Bachelor's or equivalent in biology, biochemistry or chemistry. 1 year related experience with basic laboratory equipment and ability to learn new techniques and procedures. Send cover letter and resume to Bill Webster.

**Animal Health Technician, GR20 (T7202)**  
**Veterinary Medical Teaching Hospital-Statutory**  
**Minimum Biweekly Salary: \$558.78**  
Provide support therapy for ICU patients and assist with emergency procedures. Teach intensive care and emergency protocol to students assigned to ICU duty. Some weekends and holidays. Rotating shift, 3 p.m.-11 p.m. and 11 p.m.-7 a.m.  
**Requirements:** Associate's or equivalent in animal health technology and NYS licensure (or eligibility) required. Minimum 2 years related experience. Experience working with small animals, interest in teaching critical care techniques preferred.

**Animal Health Technician, GR20 (T6705)**  
**Veterinary Medical Teaching Hospital-Statutory**  
**Minimum Biweekly Salary: \$558.78**  
Assist with emergency and surgical procedures. Responsible for medical treatments; manufacture, compound, dispense and administer prescriptions. Evenings and weekends.  
**Requirements:** Associate's or equivalent in animal health technology required, NYS licensure (or eligibility) required. 2 years experience as A.H.T. and experience working with large animals preferred.

**Technician, GR20 (T7002)**  
**Diagnostic Laboratory-Statutory**  
**Minimum Biweekly Salary: \$558.78**  
Provide back-up for all specialized functions in the Receiving Section as well as provide primary interface for clients, faculty and staff in the Veterinary college on problem submissions. Monday-Friday, rotating Saturdays.  
**Requirements:** Associate's or equivalent, Bachelor's or equivalent preferred in animal science or related animal health field. Licensed animal health technician preferred. 2 years experience in veterinary practice or in large animal health facility helpful. Pre-employment physical required.

**Technician, GR20 (T7102)**  
**Biochemistry, Molecular and Cell Biology-Statutory**  
**Minimum Biweekly Salary: \$558.78**  
Provide technical support for large research project on the expression of genes in plant cultures and in isolating and analyzing DNA and enzymes.  
**Requirements:** Bachelor's or equivalent scientific area of study (biochemistry, genetics, etc.) required. 1-2 years experience in gene expression and cloning techniques & general laboratory techniques.

**Technician, GR20 (T7103)**  
**Center for Environmental Research-Statutory**  
**Minimum Biweekly Salary: \$558.78**  
Build and maintain experimental set-ups and perform experiments on plants in an anaerobic environment to determine gas flux between shoots and roots. Maintain and operate gas chromatograph, infrared gas analyzer, oxygen meter, pH meter and other equipment. Prepare nutrient solutions; maintain greenhouse plants. Analyze data using Mac, IBM and mainframe.  
**Requirements:** Bachelor's or equivalent in biological sciences required. 1-2 years experience in laboratory equipment and analysis. Knowledge of nutrient analysis.

**Technician, GR21 (T7408)**  
**Vegetable Crops-Statutory**  
**Minimum Biweekly Salary: \$582.29**  
Provide research support in muckland vegetable program. Conduct field, greenhouse and laboratory experiments, analyze data, maintain equipment, prepare reports, maintain lab and prepare library research reports. Travel required.  
**Requirements:** Bachelor's or equivalent in biological or agricultural science required. NYS certification for commercial pesticide use essential. Minimum 2 years experience in field research. Able to operate farm equipment, use and handle pesticides safely and accurately, perform statistical analysis, greenhouse operations, and equipment repair.

**Technician, GR21 (T7404)**  
**Diagnostic Laboratory-Statutory**  
**Minimum Biweekly Salary: \$582.29**  
Perform a variety of serological tests, including virus neutralization, complement fixation and agar gel immunodiffusion. Process clinical specimens and perform fluorescent antibody and viral isolation procedures and other lab procedures. Prepare media and other solutions.  
**Requirements:** Bachelor's or equivalent in microbiology, biology or related field. 2 years work experience desired. Good sterile techniques, basic microbiology techniques required.

**Technician, GR21 (T7406)**  
**Diagnostic Laboratory-Statutory**  
**Minimum Biweekly Salary: \$582.29**  
Perform microbiological and immunological tests on specimens and aid in diagnosis of infections in animals and humans. Monday-Friday (39 hours per week) with Saturday rotation.  
**Requirements:** Bachelor's or equivalent in microbiology or related field. Med. Tech. or ASCP License preferred but not required. 2 years related experience.

**Technician, GR21 (T7309)**  
**Diagnostic Laboratory-Statutory**  
**Minimum Biweekly Salary: \$582.29**  
Assist in the development of new serodiagnostic tests, perform serodiagnostic tests.  
**Requirements:** Bachelor's degree in microbiology/immunology or equivalent, computer programming experience preferred. Minimum 2 years related experience, previous use of aseptic techniques, general lab equipment and protocols; training and previous experience with computers are highly desirable. Knowledge of statistics is desirable.

**Technician, GR22 (T7004)**  
**Diagnostic Laboratory-Statutory**  
**Minimum Biweekly Salary: \$607.04**  
Implement biochemical and serological procedures for the speciation of Mycoplasma isolated from clinical samples. Perform microbiological and immunological tests on specimens as requested by

clinicians to aid in the diagnosis of infections in animals and humans. Monday-Friday, 8-5 with rotating Saturdays.  
**Requirements:** Bachelor's or equivalent in clinical microbiology or medical technology. ASCP licensing preferred but not required. Minimum 2-3 years experience in veterinary clinical microbiology desirable. Supervisory experience a plus.

**Photographer, GR22 (T7405)**  
**Biomedical Communications-Statutory**  
**Minimum Biweekly Salary: \$607.04**  
Responsible for the production of photomicrography and photomacrophography. Duties will also include on and off-site biological photography and reproduction of graphic and continuous tone copy. Dark-room work will include film processing, chemical mixing, black-and-white and color printing and equipment maintenance.  
**Requirements:** Associate's in photography required; coursework in biological photography and Bachelor's preferred. 2-4 years experience in photography.

**Technician, GR26 (T7413)**  
**Biotechnology Program-Endowed**  
**Minimum Biweekly Salary: \$727.37**  
Under very general supervision, responsible for the scientific operation of the Peptide Synthesis Facility. Operate and maintain Peptide Synthesizer, develop synthesis and isolate strategies.  
**Requirements:** Bachelor's or equivalent in chemistry/organic chemistry. Broad working knowledge of the specialized equipment used. At least 5 years of related laboratory experience with an emphasis on the synthesis of polypeptides of specific sequence. Strong interpersonal and organizational skills.

## Technical Part-time

**Animal Technician, GR18 (T7203, T7204)**  
**Veterinary Microbiology-Statutory**  
**Minimum full-time equivalent: \$513.94**  
Provide care (feed, water, clean and monitor) for small research animals (canines and rodents) following strict protocols for sterile or disease control environments and regulations for animal welfare. Assist Vets in treating and vaccinating animals. 24 hours per week (weekend and holiday work required).  
**Requirements:** High School diploma or equivalent. Some related coursework preferred. 1 year related experience. Knowledge of a variety of laboratory animals and animal breeding required.

**Technician, GR19 (T7304)**  
**Psychology-Endowed**  
**Minimum full-time equivalent: \$535.78**  
Responsible for carrying out experiments, analyzing data, keeping laboratory records, overseeing animal colony, and other activities related to experiments such as surgery, histology and occasional library research. Flexible, 30 hours per week. Until 3/31/92, continuation contingent upon funding.  
**Requirements:** Minimum 2 years related coursework. Bachelor's or equivalent in biology or biopsychology or a related field desired. Experience in data analysis, computers, histology, surgery, behavioral observation and handling animals.

## Technical Temporary

**Casual Technical Assistant (T7412)**  
**CIT**  
Assist with maintaining local area networks; provide software and occasional hardware support for Macintosh and IBM personal computer systems. Other duties as assigned. Monday-Friday, 8 a.m.-12 noon.  
**Requirements:** High School diploma or equivalent. Familiarity with the operation of Cornell mainframes, IBM PC's and Macintosh systems. Able to install application software on IBM and Macintosh personal computers. Send cover letter and resume to Bill Webster.

## Office Professionals

Approximately half of all University openings are for Office Professionals. Individuals with secretarial, word processing (IBM PC, Macintosh, Wang, Micom), data entry, technical typing, or medium to heavy typing (45-60+ wpm) are encouraged to apply.  
Submit a signed employment application and resume. Requests for referral and/or cover letters are not accepted from external candidates unless specified in the ad. Qualified applicants will be invited for a preliminary interview at our East Hill Plaza office.

**Receptionist, GR17 (C7405)**  
**Center for International Studies-Endowed**  
**Minimum Biweekly Salary: \$495.36**  
Provide receptionist and clerical support to the Center. Greet visitors; answer inquiries (in person and telephone); schedule meetings; handle calendars for the Director and Executive Director. Other duties as assigned.  
**Requirements:** High School diploma or equivalent. 1 year related experience with secretarial skills. Ability to type and operate a personal computer to include use of software packages for word processing, mail and calendar system. Medium typing.

**Sales Assistant, GR17 (C7217)**  
**Laboratory of Ornithology-Endowed**  
**Minimum Biweekly Salary: \$495.36**  
Provide clerical and retail support for Crow's Nest Bookshop. Act as receptionist, sales assistant, operate cash register and perform data entry for Bookshop information. Other duties as assigned.  
**Requirements:** High School diploma or equivalent. Prior retail background desired. Able to operate cash register or willingness to learn. Experience with computers needed. Cash handling. Some knowledge or interest in birds helpful. Ability to deal well with the public and work under pressure essential. Medium typing. Send cover letter and resume to Esther Smith.

**Binding Assistant II, GR17 (C7211)**  
**Conservation-CUL-Endowed**  
**Minimum Biweekly Salary: \$495.36**  
In accordance with conservation standards, apply various techniques/materials in the pre-binding of all unbound monographs; prepare monograph and theses for commercial binding and older monographs for conservation rebinding; maintain power machinery, relevant records and stock materials; share responsibility for function of unit, including work flow, staff coverage, training and decision making. Other duties as assigned.  
**Requirements:** High School diploma or equivalent. Previous library or other appropriate experience. Ability to dismantle and service power machinery. Knowledge of book binding structures desirable. Ability to train and monitor work of others including safety & emergency procedures. Strong communication and interpersonal skills.

**Receptionist/Office Assistant, GR18 (C7403)**  
**Computer Science-Endowed**  
**Minimum Biweekly Salary: \$513.94**  
Under general supervision, serve as information resource for department and staff and visitors and provide secretarial and clerical support to the administrative office. Greet and direct visitors. Answer telephone; handle mail; type and proofread correspondence.  
**Requirements:** High School diploma or equivalent. Minimum 1-2 years related experience. Good typing and ability to learn word processing. Excellent communication skills. Attention to detail. Ability to set priorities and interact pleasantly with diverse group. Medium typing.

**Secretary, GR18 (C7411)**  
**Vegetable Crops-Statutory**  
**Minimum Biweekly Salary: \$513.94**  
Provide secretarial support for 5 professors (1 emeritus); type and file

correspondence, scientific publications, manuscripts and department newsletter; prepare class materials; schedule travel arrangements and meetings; responsible for Library; act as receptionist to faculty group; provide telephone back-up for other secretaries.  
**Requirements:** High School diploma or equivalent. Minimum 1 year secretarial experience. Business/secretarial school desirable. Experience with IBM/PC (or similar) computers for wordprocessing utilizing Wordperfect is essential. Aptitude for detail, ability to set priorities, and able to work well under pressure. Heavy typing.

**Senior Circulation/Reserve Assistant, GR18 (C7316)**  
**Access Services, Olin Library-CUL-Endowed**  
**Minimum Biweekly Salary: \$513.94**  
Under the direction of Circulation/Reserve Coordinator, be responsible for processing book replacement and fine bills; prepare and send bills and credits to the Bursar and CU collections; also work at Circulation desk; work with computer applications for billing process.  
**Requirements:** Some college coursework and/or related experience. Organizational ability and aptitude for detailed work. Ability to work well with a variety of people in a public services setting. Experience with microcomputers desirable. Some background with business math desirable. Strong interpersonal and communication skills. Medium typing.

**Office Assistant, GR18 (C7302)**  
**Laboratory of Ornithology-Endowed**  
**Minimum Biweekly Salary: \$513.94**  
Responsible for creating and analyzing computerized records for the Bird Population Studies Program by editing data, organizing computerized data records, and running data through analysis programs; handle written and oral correspondence as well. Until 3/90 with probable extension.  
**Requirements:** High School diploma or equivalent. Some college coursework in biological sciences strongly desired. Knowledge of birds preferred. 1 year related experience. Computer skills required (ability to use P.C.; work with mainframe helpful, work with statistics and programming helpful). Must be able to work well independently and be well organized. Send cover letter & resume to Esther Smith.

**Secretary, GR18 (C7304)**  
**Unions and Activities-Willard Straight-Endowed**  
**Minimum Biweekly Salary: \$513.94**  
Provide secretarial/clerical and typing support for the administrative staff and student volunteer board members. Provide receptionist support. Actively assist with student supervision, training and office management. 10 month position.  
**Requirements:** High School diploma or equivalent, some college preferred. Minimum 1-2 years office experience required. Excellent typing skills and adeptness with various types of office equipment. IBM-PC with Wordperfect, Lotus 123 and/or DBase III+ preferred. Excellent command of English required. Ability to work under pressure. Heavy typing.

**Personnel Assistant, GR18 (C7309)**  
**Office of Human Resources-Endowed**  
**Minimum Biweekly Salary: \$513.94**  
Provide staff support in recruitment for non-academic positions as well as coordinate advertising placement and billing. Coordinate and refer applicants to temporary technical assignments; responsible for timely and accurate referral of applicant materials; maintain records and statistics; type correspondence, provide information to applicants and departments on open positions, employment policies and procedures.  
**Requirements:** High School diploma or equivalent. Some college desired. Minimum 1 year work experience in personnel-client services or business setting. Demonstrated interpersonal and communication (written/oral) skills necessary. Knowledge of Cornell helpful. Good organizational skills. Familiar with computers helpful. Medium typing.

**Senior Records Assistant, GR18 (C7314)**  
**Catalog Management, Central Technical Srv.-CUL-Endowed**  
**Minimum Biweekly Salary: \$513.94**  
Under general supervision, responsible for the retrospective conversion of catalog copy including searching, deriving, and tagging machine readable records in various on-line databases; revise and update machine readable records and shelf list. Until 6/30/91.  
**Requirements:** Some college coursework and/or related experience. Ability to do detailed work accurately. Working knowledge of NOTIS and RLIN cataloging systems and the US MARC format for bibliographic data desirable. Strong organizational skills. Medium typing.

**Senior Circulation/Reserve Assistant, GR18 (C7317)**  
**Physical Sciences Library-Endowed**  
**Minimum Biweekly Salary: \$513.94**  
Maintain circulation desk including hiring, training and scheduling student assistants; maintain copy service; oversee library on week-ends; send overdue bills and recalls. Other duties as assigned. Tuesday-Saturday, 8-5.  
**Requirements:** Some college coursework and/or related experience. Previous work experience especially in a library desirable. Strong communication, organizational, & interpersonal skills. Previous experience overseeing the work of others desirable. Light typing.

**Editorial Assistant, GR18 (C7003)**  
**University Press-Endowed**  
**Minimum Biweekly Salary: \$513.94**  
Act as assistant to acquisitions editors. Responsible for acquisition, development and maintenance of several lists of scholarly books; perform office duties of typing, filing, follow-up; extensive phone contact with authors, readers and other departments of the Press.  
**Requirements:** High School diploma or equivalent. Associate's or equivalent preferred. Prior experience with book publishing helpful. Heavy typing. Send cover letter and resume to Esther Smith.

**Editorial Assistant, GR19 (C7406)**  
**Division of Nutritional Sciences-CFNPP-Statutory**  
**Minimum Biweekly Salary: \$535.78**  
Editing, word processing, and desktop publishing of all manuscripts produced in Ithaca office.  
**Requirements:** High School diploma or equivalent. Associate's strongly desired. Minimum 1-2 years related experience desired. Excellent knowledge of Wordperfect and strong computer background. Excellent communication (written), editing and proofreading skills. Understanding of technical terms and issues pertaining to nutrition and economic analysis. Written knowledge of Spanish or French helpful. Heavy typing. Send cover letter and resume to Esther Smith.

**Secretary/Staff Assistant, GR19 (C7407)**  
**Career Center-Endowed**  
**Minimum Biweekly Salary: \$535.78**  
Provide all administrative and secretarial support for two career advisors in the area of Arts and Sciences and preprofessional advising, including job hunting workshops; alumni programs; Graduate School Days; booklets and special publications.  
**Requirements:** High School diploma or equivalent. Associate's or equivalent desired. Minimum 2 years related office experience. Excellent organizational skills and attention to detail. Prefer computer skills, i.e., word processing. Medium typing.

**Assistant Tradebook Buyer, GR19 (C7201)**  
**Campus Store-Endowed**  
**Minimum Biweekly Salary: \$535.78**  
Under general supervision, assist Senior Tradebook Buyer and Book Department Assistant Director in ordering new and backlist titles in both popular and academic subjects. Expedite orders requiring special handling; provide direct customer service on the sales floor. Also, assist in floor display and shelf maintenance. Some weekends.  
**Requirements:** Associate's or equivalent combination of education and experience preferred. Strong humanities background preferred. Extensive bookselling and customer service experience needed. Good communication, interpersonal and organizational skills essential. Some supervisory experience helpful. Send cover letter and resume to Esther Smith.

**Secretary, GR19 (C7205)**  
**JGSM-Endowed**  
**Minimum Biweekly Salary: \$535.78**  
Responsible for providing word processing and administrative support for faculty members using Mass 11 and the Macintosh. This entails a broad set of responsibilities which includes execution and completion of all incoming work with emphasis on technical typing. Other duties as assigned.  
**Requirements:** High School diploma or equivalent. Associate's or equivalent preferred. Minimum 2 years secretarial and office experience. Familiarity with word processors and Macintosh computers. Excellent organizational, interpersonal and communication (written and oral) skills. Heavy typing.

**Information Specialist, GR19 (C7306)**  
**Career Center-Endowed**  
**Minimum Biweekly Salary: \$535.78**  
Provide support in the area of career library resources; assist the Library Coordinator in the day-to-day responsibilities of collecting, cataloging, and disseminating a vast array of career information.  
**Requirements:** High School diploma or equivalent required. Associate's or equivalent preferred. Macintosh word processing skills essential. Organizational ability. Strong communication (written and oral) skills. Attention to detail important. Knowledge of Cornell highly desirable. Minimum 1 year related experience. Medium typing.

**Administrative Aide, GR19 (C7312)**  
**Materials Science and Engineering-Endowed**  
**Minimum Biweekly Salary: \$535.78**  
Provide secretarial, administrative and accounting support for one faculty member. Monitor accounts; maintain publications files; prepare invoices for RBS analysis; type and process correspondence, proposals, etc.; assist students and visitors as needed. Other duties as assigned.  
**Requirements:** High School diploma or equivalent, coursework in accounting. Minimum 1-2 years related experience. Familiarity with IBM PS/2 personal computer or willingness to learn. Good organizational, interpersonal & communication skills. Ability to work independently. Familiar with Cornell accounting system. Light typing.

**Administrative Aide, GR19 (C7313)**  
**Uris Undergraduate Library-CUL-Endowed**  
**Minimum Biweekly Salary: \$535.78**  
Provide administrative/secretarial support for Uris Librarian and all aspects of CUL's undergraduate library. Responsible for a broad range of tasks including word-processing; assist with payroll matters; handle petty cash; oversee student assistant; deal with a wide variety of staff both within and outside the library including liaison with custodial and repair personnel.  
**Requirements:** High School diploma or equivalent. Some college background desirable. Minimum 2 years office/secretarial experience or equivalent. Experience with microcomputers, especially wordprocessing (Wordperfect) and database management software. Excellent interpersonal, communication and organizational skills. Ability to work independently and exercise good judgment and work under pressure in a busy environment. Attention to detail. Handle confidential material with discretion. Familiar with Cornell helpful. Medium typing.

**Maitre'd, GR20 (C7401)**  
**Statler Hotel-Endowed**  
**Minimum Biweekly Salary: \$558.78**  
Assist Banquet Manager in scheduling, coordinating and managing the waitstaff to insure that proper etiquette and service is maintained for all banquets. Hours flexible; includes nights and weekends.  
**Requirements:** High School diploma or equivalent required. Associate's or equivalent preferred in restaurant management. Minimum 2-3 years in similar position.

**Administrative Aide, GR20 (C7414)**  
**College of Arts and Sciences-Endowed**  
**Minimum Biweekly Salary: \$558.78**  
Provide administrative and clerical support to non-academic administration unit of the College. Organize schedules; track accounts and projects; type, edit and proof reports, correspondence, etc.; handle mail, phones and appointments.  
**Requirements:** Associate's or equivalent; minimum 1-2 years related office experience. Some accounting experience, preferably with Cornell accounts. Knowledge of Lotus 123 and Wordperfect. Excellent organizational and interpersonal skills. Medium typing.

**Secretary, GR20 (C7307)**  
**Office of Public Affairs in Architecture, Art and Planning-Endowed**  
**Minimum Biweekly Salary: \$558.78**  
Provide administrative and secretarial support for Director of External Affairs. Coordinate alumni, faculty and student receptions and programs, both on and off campus; maintain alumni records; handle all gift records and acknowledgments, monitor external affairs annual budget and be responsible for several office accounts; make travel arrangements; receptionist duties as needed.  
**Requirements:** Associate's or equivalent experience, preferably at Cornell. Minimum 2 years related experience. Excellent organizational, administrative and communication (written/oral) skills. Ability to work well with a wide range of people. Experience with Mac computer programs highly desirable. Medium typing.

**Secretary, GR20 (C7303)**  
**NYSSILR-Statutory**  
**Minimum Biweekly Salary: \$558.78**  
Provide secretarial and clerical support to professors and course coordinator. Type course material, correspondence and manuscripts, some of which use statistical notation; perform general office duties including: reception; mail; file; record maintenance; assist Department Chairman with other projects.  
**Requirements:** Associate's or equivalent. Minimum 2 years experience. Skill and experience with word processor. Excellent organizational, communication and interpersonal skills are essential. Ability to produce technical manuscripts or appropriate typing experience. Heavy typing.

**Copy Prep Specialist, GR20 (C7221)**  
**Campus Services-Endowed**  
**Minimum Biweekly Salary: \$558.78**  
Serve as operator for Linotronic 300 and related equipment to set type and merge graphics and text to create photo-ready copy; communicate with customers regarding matters related to electronic comp. process; design simple page layouts using Macintosh based software hardware. Traditional paste-up.  
**Requirements:** High School diploma or equivalent. Associate's in commercial arts or design strongly desired. Minimum 2 years related experience, e.g., Macintosh and traditional paste-up. Will train on Linotronic 300. Must have type setting experience. Medium typing. Send cover letter and resume to Esther Smith.

**Administrative Aide, GR20 (C7102)**  
**Johnson Museum-Endowed**  
**Minimum Biweekly Salary: \$558.78**  
Provide administrative and secretarial support for museum's curatorial staff. Assist in all aspects of the daily and long-range operations for the department, including administration, collections management, and exhibitions.  
**Requirements:** Associate's or equivalent, or previous museum administration experience required. Minimum 2 years related experience. Prior knowledge of museum work and some art history background helpful. Superior typing, editing, and organizational skills essential. Excellent interpersonal skills. Ability to initiate and prioritize projects with minimum supervision and work under pressure. Supervisory skills necessary. Medium typing. Send cover letter and resume to Esther Smith.

**Circulation Reserve Supervisor, GR21 (C7404)**  
**School of Hotel Administration-Endowed**  
**Minimum Biweekly Salary: \$582.29**



## Staffing Services *Continued on page 1*

clerical and stenographic applicants the same as I have been doing in my office. These tests cover typing, shorthand and clerical aptitude; and he will investigate the references of applicants.

The new rulings of the War Manpower Commission make it highly desirable for all prospective employees to be cleared through some central officer, whose duty it will be to determine if a person may be employed legally. There are stiff penalties assessed against employers who disregard the various rulings. The "freeze" order is designed to prevent labor from shifting from essential to non-essential work, and from essential to essential at higher wages.

The procedure under this plan will be as follows: If you wish to fill a position and want Mr. Benson to help you find someone, phone him and describe the job. He will then send you the best applicant he can find. If you are not satisfied, tell him and he will try again. If he sends

you a satisfactory person, tell the new employee to return to Mr. Benson's office to complete necessary forms.

Mr. Benson will then explain to the new employee the Payroll War Savings Plan for the purchase of War Bonds; the Group Insurance Plan, and the Blue Cross Hospital Service; and he will obtain from them the Employee's Withholding Exemption Certificate in connection with the collection of Income Tax at Source; he will hand out an Employee Manual of Information, and will determine if they have a proper "release" from their former employer.

It is likewise advisable to have all employees clear through Mr. Benson when resigning. He can then notify promptly those officials who might be affected thereby; can see if they have a proper "release"; see if they have secured their receipt for Income Tax withheld; explain to them what happens to their group insurance; determine if they owe the University any money.

## Jobs *Continued from page 3*

Under general supervision of the Library Director, responsible for daily library operations. Manage circulation and reserve operations; general library administration and facility management; process reserve material; supervise 1-2 full-time employees and 20-25 part-time student assistants.

**Requirements:** Associate's or equivalent. Bachelor's or equivalent preferred. 2-3 years related experience including computer use. Supervisory experience desirable. Previous library experience highly desirable. Strong interpersonal, organizational and communication skills essential. Light typing.

**Secretary, GR21 (C7413)**  
**Director's Office, Division of Biological Science-Endowed**  
**Minimum Biweekly Salary: \$582.29**  
Manage the daily activities of the Director's office and provide staff assistance to the Director, the Assistant to the Director and programs of the Division.

**Requirements:** Associate's or equivalent. Minimum 2 years related office experience. Excellent secretarial, organizational, interpersonal and communication skills (both written and oral). Ability to set priorities, work independently and experience with computers essential. Experience with Cornell personnel and accounting systems desirable. Light typing.

**Office Systems Specialist I, GR21 (C7402)**  
**Mathematics-Endowed**  
**Minimum Biweekly Salary: \$582.29**  
Provide organizational and administrative support for a large academic department. Act as support staff training specialist and consultant in the areas of computer operations for word processing, relational databases, technical typing, and e-mail; provide original entry and editing of highly technical math manuscripts.

**Requirements:** Associate's or equivalent plus additional training or education in the areas of human resources management, accounting, supervisory training, and computers. Strong knowledge of computerized systems (LaTeX, Emacs, networking). Leadership and training skills. Minimum 2-3 years related experience in an academic environment. Highly developed technical typing skills. Medium typing.

**Media Assistant, GR21 (C6805)**  
**Summer Session-Endowed**  
**Minimum Biweekly Salary: \$582.29**  
Under general supervision of the Division media manager, implement publicity and marketing projects for the Division. Use Apple Macintosh Pagemaker and Microsoft Word to create fliers, brochures, ads, forms and other printed material from first drafts to mechanicals. Monitor and record distribution. Handle other projects as assigned.

**Requirements:** Associate's or equivalent. Bachelor's or equivalent preferred. Minimum 2-3 years experience in media-related field. Excellent organizational skills and ability to work independently. Proven writing and editorial skills. Knowledge of graphic design. Ability to work under pressure and meet deadlines. Experience with Apple Macintosh and especially with Pagemaker and Filemaker Plus software helpful. Ability to lift 40 pounds. Valid NYS driver's license. Send cover letter, resume, 2 short writing samples and 2 graphic design samples to Esther Smith.

**Accounts Coordinator, GR22 (C6505)**  
**Summer Session-Endowed**  
**Minimum Biweekly Salary: \$607.04**  
Provide extensive accounting and payroll support to the Division and to the director of finance. Supervise all Summer and Extramural Study accounts including processing deposits, reviewing and reconciling accounts; reviewing special program and professional program budgets; appoint and process payroll for approximately 700 faculty, TA's and staff; provide and maintain deposit databases; supervise accounts assistant.

**Requirements:** Associate's in accounting or equivalent. Minimum 4 years experience. Excellent organizational, interpersonal, and communication skills required. Knowledge of Cornell accounting preferred. Experience with Lotus 123 required.

**Theatre Assistant, GR22 (C7017)**  
**Theatre Arts-Endowed**  
**Minimum Biweekly Salary: \$607.04**  
Alter, cut, pattern, stitch costumes for theatre productions. Coordinate laundering and maintenance of costumes; assist with craftwork and dyeing. Maintenance of costume shop equipment. Seasonal position yearly to mid-May. Until May 1990.  
**Requirements:** Bachelor's or equivalent in theatre/costume construction preferred. Substantial experience with costume construction required. Knowledge of multiple areas of costuming including excellent stitching skills, patterning, cutting, alterations. Send cover letter and resume to Esther Smith.

## Office Professionals Off-Campus

**Part-time Office Assistant, GR16 (C7412)**  
**NYC Cooperative Extension-Statutory**  
**Minimum full-time equivalent: \$477.46**  
Prepare and post daily mail; assist with photocopying, collating and sorting; inventory and distribute office supplies; maintain office supply and copy room; assist with errands in and outside the central office; provide general assistance to staff as needed. Monday-Friday, 1:30-5:30 p.m.  
**Requirements:** High School diploma or equivalent. Good organizational skills. Ability to use office equipment.

## Office Professionals Part-Time

**Office Assistant, GR15 (C7206)**  
**Veterinary Medical Teaching Hospital-Statutory**  
**Minimum full-time equivalent: \$460.20**  
Work with weekend hospital census package and other medical record computer programs; check in records from the Small Animal Clinic on a daily basis; file laboratory reports and record on a daily basis; pull medical charts for research; assist doctors in finding

records and ready records for microfilm. Monday-Friday, 2 p.m.-6 p.m., Saturday, 8 a.m.-12 noon. Must be willing to work holidays.  
**Requirements:** High School diploma or equivalent. Good organizational, interpersonal and communication skills. Light typing. Send cover letter and resume to Esther Smith.

**Stacks Assistant, GR16 (C6908)**  
**Olin Library-Access Services (CUL)-Endowed**  
**Minimum full-time equivalent: \$477.46**  
Shift and move books in stacks; primary duties are to prepare existing and new areas of the collection for the additional shelving areas that are to be added to Olin Library. 20 hours per week.  
**Requirements:** High School diploma or equivalent. Able to lift up to 50 pounds. Strong organizational skills. Attention to detail.

**Office Assistant, GR16 (C6905)**  
**Johnson Museum-Endowed**  
**Minimum full-time equivalent: \$477.46**  
Operate museum reception desk in lobby. Provide information to visitors; sell cards, catalogues, and posters; answer telephone switchboard; take accurate messages for staff members; relay accurate information to weekend supervisor; provide security for museum lobby; and available to work special events during evening hours. Saturday & Sunday 8:45am-5pm plus some evening hours.  
**Requirements:** High School diploma or equivalent. Previous receptionist experience desirable. Interests and involvement in art or related areas highly preferred, as well as familiarity with the Ithaca community. Send cover letter and resume to Esther Smith.

**Office Assistant, GR17 (C7213)**  
**East Asia Program (Asian Studies)-Endowed**  
**Minimum full-time equivalent: \$495.36**  
Provide secretarial support to the East Asia Program's Executive Staff Assistant and Administrative Aide. Take charge of the Program's weekly faculty luncheons. Monday-Friday, 4 hours per day. Hours flexible.  
**Requirements:** High School diploma or equivalent. General office skills. Knowledge of IBM computers and wordperfect. Light typing. Send cover letter and resume to Esther Smith.

**Office Assistant, GR18 (C7410)**  
**Human Service Studies-Statutory**  
**Minimum full-time equivalent: \$513.94**  
Type, proofread correspondence, reports and training materials; monitor procedures for schedules including office hours, training duties, etc.; compile report statistics and monthly budget statements; maintain files. Other duties as assigned. Monday, Tuesday, Thursday, 8:30-5; Friday, 8-4.  
**Requirements:** High School diploma or equivalent. Knowledge of IBM Wordperfect. Minimum 1 year previous secretarial experience. Excellent interpersonal and communication (phone and written) skills. Able to work under pressure. Heavy typing. Send cover letter and resume to Esther Smith.

**Senior Records Assistant, GR18 (C7315)**  
**Catalog Management, Central Technical Srv.-CUL-Endowed**  
**Minimum full-time equivalent: \$513.94**  
Under general supervision, responsible for the retrospective conversion of catalog copy including searching, deriving, and tagging machine readable records in various on-line databases; revise and update machine readable records and shelf list cards. Until 6/30/90. 20 hours per week.  
**Requirements:** Some college coursework and/or related experience. Some previous related work experience. Ability to do detailed work accurately. Working knowledge of NOTIS and RLIN cataloging systems and the US MARC format for bibliographic data desirable. Strong organizational skills. Medium typing.

**Senior Night Supervisor, GR20 (C7311)**  
**Access Services, Olin Library-CUL-Endowed**  
**Minimum full-time equivalent: \$558.78**  
Under the direction of Assistant Access Services Librarian, is responsible for evening operation of Circulation area and the security of building; also supervisory responsibility for the 2 Building Attendants, working evenings. 24 hours per week, evening and weekend hours to be scheduled.  
**Requirements:** Associate's or equivalent required. Bachelor's or equivalent preferred. Strong organizational, interpersonal, and communication skills. Ability to work with a variety of people in a busy public services setting. Supervisory experience desirable. Work experience in a library strongly desirable. Light typing.

## Office Professionals Temporary

In addition to posted positions, temporary opportunities occur in many occupational areas, including secretarial, word processing,

accounting, and office administration. All individuals are encouraged to apply; experienced applicants with a typing speed of 45-60 wpm, knowledge of IBM-PC Word Perfect software and MacIntosh word processing are in particular demand. Call Karen Raponi at (607) 255-2192 or 255-7422 for more information.

**Conservation Technician (S6709)**  
**Mann Library**  
Performs a variety of tasks relating to the microfiche/filming of brittle materials as part of the Cornell/NYS Library Coordinated Preservation Grant to preserve the published of New York's agriculture, environmental conservation, and rural economy. Duties include preparation of materials for re-formatting, preparing target series on a microcomputer, and quality control. Approximately 4 hours per day, Monday-Friday between the hours of 8 a.m.-5 p.m.  
**Requirements:** Associate's or equivalent. Microcomputer and previous library experience desirable. Send cover letter and resume to Michele Draiss, 235 Olin Library.

## General Service

Submit a signed employment application and resume. Requests for referral and/or cover letters are not accepted from external candidates unless specified in the ad. Qualified applicants will be invited for a preliminary interview at our East Hill Plaza office.

**Custodian, SO02 (G7401)**  
**Buildings Care-Endowed**  
**Hiring Rate: \$6.00**  
Provide general custodial care of buildings and grounds in immediate vicinity of assigned area. Monday-Thursday, 6 a.m.-2:30 p.m.; Friday 6 a.m.-1:30 p.m.  
**Requirements:** Basic reading and writing skills. Able to operate a variety of heavy power equipment, lift 50 pounds & climb 8 ft ladder.

**Print Machine Operator, SO09 (B7203)**  
**Media Services-Statutory**  
**Hiring Rate: \$7.84**  
Operate offset presses utilizing a variety of printing skills which includes critical registration, full page bleeds, and mixing color inks.  
**Requirements:** High School diploma or equivalent; 2 years vocational training or equivalent experience. Minimum 3 years experience in daily operation of offset printing equipment. Ability to lift 50 pounds. Send cover letter and resume to Cynthia Smithbower by June 30.

## General Service Part-time

**Lab Attendant, SO03 (B7202)**  
**Veterinary Pathology-Statutory**  
**Hiring Rate: \$6.00**  
Perform basic tasks in the Histology Laboratory, including Glassware washing, maintenance of block and slide archives, picking up packages, making simple solutions, and coverslipping slides. Approximately 24 hours per week.  
**Requirements:** High School diploma or equivalent to include 1 year chemistry. Related laboratory experience desirable. Send application materials to Staffing Services, 160 Day Hall.

## General Service Temporary

In addition to posted positions, temporary opportunities frequently occur in custodial, food service, dish machine operation, material handling and other service areas. All individuals are encouraged to apply. Call Karen Raponi at (607) 255-2192 or 255-7422 for more information.

**Field Assistant (B7301)**  
**Agronomy**  
Plant sampling; harvest research plants. Assist experimentalist. Monday-Friday, 8-4:30. Until September 1.  
**Requirements:** High School diploma or equivalent. Related work experience helpful. Send application materials to Staffing Services, 160 Day Hall.

**Farmworkers (B6402)**  
**Farm Services**  
Perform a variety of duties: stack hay bails, operate farm tractor, some grounds maintenance; routine equipment maintenance.  
**Requirements:** High School diploma or equivalent. Some related experience preferred. Must be able to lift 75 pounds. Send application materials to Staffing Services, 160 Day Hall.

Department heads will continue to have as much freedom as heretofore in the selection of personnel; the new office is an attempt to assist department heads in finding competent help, and to assist those seeking work in securing a suitable position.

I am sure Mr. Benson will do all he can to help you with any employment problem you may have.

Sincerely Yours,

J. B. Trousdale, auditor

## Staffing Services: 1989

Forty-five years later Staffing Services utilizes a computerized applicant tracking system called SPARTIN to assist in the handling of (for 1988) 4,535 applications for 846 clerical openings; 1,750 applications for 316 technical position openings; and 1,398 applications for 414 general services positions.

## Boyce Thompson Institute

**Regular Part-time Photo Assistant**  
**Boyce Thompson Institute**  
**Minimum hourly rate: \$6.00**  
Maintain darkrooms, shoot copy work. B&W processing and printing, some layout and computer work. 20-30 hours per week.  
**Requirements:** High School diploma or equivalent. Experience in B&W processing and printing. Some computer experience desirable. Background in biological science a plus. A portfolio will be required for interview. Send resume to Tana Ebaugh, Graphics, Boyce Thompson Institute, 254-1202 by July 7.

**The Learning Web**  
A youth experiential, educational program, a project of CRESPE, is expanding. Three permanent positions available August 1989, full Cornell benefits, \$18,000 FTE:  
**Rural Apprenticeship Coordinator:** 20 hours per week; works with Tompkins County rural youth of various talents, socio-economic backgrounds and experiences, to develop, monitor, and evaluate community exploration activities and apprenticeship placements; considerable driving.  
**Ithaca Apprenticeship Coordinator:** 20 hours per week (same duties as above); working with City and Town of Ithaca youth.  
**Stipended Apprenticeship Coordinator:** 20-30 hour per week; works with youth who face significant difficulties at home, school, or in the community to improve self-concept, personal and social life skills, and vocational and general work skills through weekly contacts; coordinates apprenticeship placements with stipends to youth.  
**Qualifications for above positions:** Experience working with youth ages 12-21, from diverse backgrounds and interests; experience working with schools, social agencies, business people and community leaders in Tompkins County or a comparable community. Experience in non-hierarchical, cooperative environment. Submit resume and short statement on youth and experiential learning by noon, July 3, 1989, to The Learning Web, 318 Anabel Taylor Hall, Ithaca, NY 14853; 607-255-5026. Job descriptions available at same address. We are particularly seeking qualified candidates from these groups: African Americans, Hispanic Americans, Asian Americans, American Indians, and other people of color who may not be U.S. citizens.

## Academic

**Extension Associate in Pest Management-IPM Implementation Specialist**  
**Integrated Pest Management-Cooperative Extension Regional Office-Albany**  
Provide county and regional extension staff with technical support and advice in the implementation of IPM concepts. Facilitate and/or conduct demonstration programs; assist in the validation of IPM concepts.  
**Qualifications:** M.S. in pest management, plant protection, economic entomology, plant pathology, or in a crop protection discipline. Previous experience in supervising field personnel, in writing and developing educational materials, and in public presentations is essential. Salary commensurate with training and experience. Starting October 1, 1989. Send curriculum vitae, transcripts, and names, addresses, and three letters of reference to: Curtis H. Petzoldt, IPM Support Group, NYS Agricultural Experiment Station, Geneva, NY 14456, (315) 787-2206. Applications accepted until August 15, 1989 or until a suitable applicant is found.

**Deputy Director**  
**National Nanofabrication Facility**  
The National Nanofabrication Facility (NNF) is a national research center for fabrication of structures at dimensions down to 25nm and smaller. The center has equipment resources for optical and electron-beam lithography, ion implantation, dry etching, thin-film deposition, computer-aided design, and inspection and testing which are used by researchers throughout the country. The Deputy Director has responsibility for daily facility operations, user research programs, and supervision of the staff.  
**Requirements:** PhD in physics, applied physics, materials science, electrical engineering, or a related field; aptitude for promoting research accomplishments; supervisory and proposal writing experience; strong interpersonal skills; excellent written and oral communication skills. Send complete resume, list of publications, description of qualifications for the position, and names and addresses of three references to Harold G. Craighead, Director, National Nanofabrication Facility, M105 Knight Laboratory, Cornell University, Ithaca, NY 14853-5403.

## Cornell Employment News

Published weekly except for one week each in January and November and two weeks in December by the Office of Equal Opportunity & the Office of Human Resources, Cornell University, 14853. Distributed free and available to staff and faculty at locations around the campus.

Mail service available US delivery third class mail at: \$9.00 for 3 months; \$15.00 for 6 months; or \$24.00 for 12 months. Make checks payable to Cornell University. Mail to 160 Day Hall, Cornell University, Ithaca, New York 14853.

**Editors:** Laurie Roberts, Carolyn McPherson  
**Page Layout:** Cheryl Seland  
**Photography:** Susan Boedicker, Chris Smith, Media Services, Photo Services, Publications

**Telephone:** Human Resources (607) 255-3541  
Office of Equal Opportunity (607) 255-3976

**EQUAL**  
Opportunity at Cornell



# CORNELL EMPLOYMENT NEWS

June 29, 1989

*Special Edition: Service Recognition*

Volume 1, Number 25

## Employees Honored for Long Service to the University

*President Rhodes: "We are grateful that so many here tonight have helped to build the great university that is Cornell. You have contributed greatly to the wealth of intellectual vitality, the spirit of concern and caring that animates this community. I am privileged to thank you, congratulate you and salute you for all you have done for Cornell."*



Head Baseball Coach Ted Thoren is congratulated for 35 years of service by President Rhodes, Senior Vice President Morley and Vice President for Planning and Budgeting Nesheim.



Employee Assembly Member Charlie Harrington greets 40-year awardee Alga Vose and his wife, Donna.

### Good Cheer and Good Fellowship

It had rained for weeks but there was plenty of sunshine and good cheer in Barton Hall on Tuesday evening June 13 as members of the Cornell community gathered once again to honor their dedicated long-service employees at the 34th annual awards banquet.

Held in Barton Hall, this was the largest awards assembly ever as over 570 individuals - including administrators, Employee Assembly members and guests - paid tribute to the guests of honor - those with 25, 30, 35, and 40 years of service. One hundred and one employees were eligible this year.

Also congratulated were the special guests - employees who have been with the university for over 25 years but on an in-between year such as 26, 27, 28 years, etc. Over 300 were cited for that distinction. A special welcome was extended also to the awardees and guests from the Geneva Experiment Station.

### 40-Year Awardees Noted

Six employees were honored for 40 years: Phil Barden of M&SO; Ross Sinn of Entomology; Donald Slattery, retired



25-year awardees Dawn Johnson (center) and Mary Jamison, both of University Libraries with Mary's husband, Alan Jamison.

from the Campus Store; and Bob Whipple of Floriculture & Horticulture.

### Reflections on Cornell Years

Prior to the banquet the awardees were asked what had given them the most enjoyment over their working years. Their answers were as diverse as the work they performed:

*The challenge of research projects*

*The staff and graduate students who are my associates*

*Keeping five presidents' cars in top working condition*

*Friendships attained over 40 years*

*Designing research equipment*

*Learning how to use a Macintosh computer and software programs*

Continued on page 4a



25-year awardee Wanda Dominger of the Vice President's Office and her son, Bud.



President Rhodes congratulates 40-year awardee Phil Barden of Maintenance and Service Operations.



25-year awardee Beverly Keib from Endowed Accounting with her husband, Fred Keib of Photo Services who is a special guest with over 30 years of service.



Special guest with over 25 years Barbara Stewart of the Education Department and her husband, Bill.



## 40 Year Awardees



First row (left to right): Ross Sinn, Phil Barden, Alga Vose; Second row: Don Slattery, Bob Whipple

## Who's Who at the 34th Annual Service Recognition Banquet

Each year short "biographies" are prepared for every awardee based on information derived from questionnaires which are sent to the awardees and to their supervisors. This information is compiled into a program booklet and excerpts are listed below.

### Philip F. Barden

Foreman, Maintenance & Service Operations

Phil repairs and services the endowed campus auto fleet and is known by the Cornell community as one who is very resourceful - no task is too large or too small for him. The Statler was being built when Phil came to Cornell and over the years he has worked for 16 different supervisors. He became foreman of the auto shop in 1958 and enjoys keeping the university vehicles in top condition - especially the brakes, considering all the campus hills! A member of Slaterville Fire Commission for 16 years, Phil enjoys camping, traveling and ice skating with his four grandchildren.

### Ross B. Sinn

Mechanic, Entomology

Ross's supervisor notes that "his devotion to his work caused us to designate him a special and honored guest at the Cornell reception at the national meeting of the Entomological Society of America in 1987." He also was honored as one of *Networking's* Dedicated Service Award winners in 1985. Colleagues say that Ross has never been known to turn down a request for help even if the request is untimely or unreasonable. Vehicles and research equipment prepared and maintained by him are always available when requested. Former students, staff, and faculty invariably ask about Ross and recall with gratitude and fond memories their association with him.

### Donald J. Slattery

Administrative Manager, Campus Store - Retired

There was no trouble finding parking on campus when Don Slattery came to Cornell 40 years ago. The Campus Store was located in the basement of Barnes Hall and the long book lines during the spring and fall rush would wind through the store, out the back door, up the steps and down Sage Avenue. It was not uncommon to have students

faint while waiting in line. Over the years Don thoroughly enjoyed contact with students and his participation in the growth of the Campus Store. He's very proud of his six children all of whom have graduated from college - three from Cornell and three from TC3. Now retired, Don enjoys photography, woodworking and traveling.

### Alga S. Vose

Material Handler, General Stores

Handling customer orders, waiting on customers, handling credits and corrections and other "normal" warehouse duties are some of the activities that have kept Alga busy since 1948. When asked what he enjoys most about his work he answers: "Friendships attained over 40 years at Cornell." Winner of *Networking's* Dedicated Service Award in 1985, Alga is known to be a conscientious and loyal employee who is always willing to lend a hand and help out. He enjoys driving anything - cars, buses, fork lifts, and has driven a tractor trailer across country on his "vacation." Alga seems to have lots of energy and is an active member of the Cornell Recreation Club.

### Robert R. Whipple

Research Support Specialist,  
Floriculture & Ornamental Horticulture

Trolley car tracks were still in place on some campus streets when Bob first came to Cornell. He's now in charge of the Ken Post Lab at Judd Falls Road and very proud to be associated with Cornell. Bob enjoys the challenge of research projects and instructing undergraduate students in class. Nicknamed "The Senator," his hobby is the love of all sports. Spending much of his spare time running and racewalking on Schoellkopf track, Bob recently qualified for the US National Senior Olympics this month in St. Louis, the NYS Senior Games this month in Cortland and the Empire State Games this August right here in Ithaca. Go get'em Senator! We're rooting for you!

## 35 Year Awardees



Front row (left to right): Elsie Schmidt, Joyce Orzino, Verna Turk; Second row: Charles Ditmars, James Welsh, J. R. Turk. Not pictured: Edward Brind, James Fenner, Eugenia Moracco, Ted Thoren, Diana Wagner

### Edward F. Brind

Carpenter, Maintenance & Service Operations

A 35-year awardee, Edward was foreman of the Carpenter Shop from 1978-88. According to his coworkers, Edward was a good high school athlete and enjoys golfing; the only problem is "sometimes the ball ends up behind the tee after his first shot!"

### Charles D. Ditmars

Research Support Specialist,  
Agricultural & Biological Engineering

"Chuck was hired in 1953 to work as a temporary employee for six weeks—he's still here!" says supervisor Lynne Irwin. "He is a highly valued employee." Chuck is a deacon of his church in Trumansburg, has five daughters, and many grandchildren who keep him busy in his spare time.

### James H. Fenner

Head Golf Pro & Head Golf Coach,  
Athletics & Physical Education

With 35 years of service, Jim is only the second head golf coach in Cornell's history, a position he has held since 1972. Jim is also the head pro and manager of the Cornell golf course and pro shop. Jim is an alumnus, Class of '53, and has been employed by the university since 1954.

### Eugenia C. Moracco

Purchasing Agent, Nuclear Studies

Jeanne enjoys her work and is pleased with the changes that have taken place since she began working here. "What pleases me most is that things have really opened up for women on campus. In the late '60's, I applied for a promotion and was turned down because it was a 'man's job'—I've now held that same position for over ten years!!"

### Joyce N. Orzino

Dept. Secretary, Industrial & Labor Relations

When asked how she liked to spend her free time, Joyce replied, "I like to travel and have a good time!" However, she takes her work very seriously and one faculty member describes knowing her as "one of the most gratifying aspects of my career at Cornell. For sixteen years she has helped me in ways too numerous to count."

### Elsie C. Schmidt

Office Assistant, Nutritional Sciences

In her job as an office assistant, Elsie does every-

thing from sorting the mail to taking care of projection equipment. According to supervisor Ellen Rider, Elsie is a very loyal employee who always has the maximum sick leave balance and goes out of her way for faculty and staff.

### Ted H. Thoren

Head Baseball Coach,  
Athletics & Physical Education

As head baseball coach, Ted has had many accomplishments to be proud of during his 35 years at Cornell. In 1986, he was named to both the American Baseball Coaches Association and the Ithaca College Hall of Fame. He coached Cornell to its 500th baseball victory at the Cornell vs. Canisus game in 1988.

### John Robert Turk

Research Technician, Pomology & Viticulture

John Robert, or Bob as he is known, does technical work at Orchard Lab. His job as a research technician involves electrical precision work with very delicate equipment. Bob enjoys traveling, trying new restaurants, bowling and being with his family, especially his three granddaughters.

### Verna C. Turk

Administrative Aide, Veterinary Administration

As secretary to the associate dean at the Vet School, Verna is described as a very caring person who is always willing to help, even if it means going out of her way to do so. It's no surprise then, when asked what she enjoys most about her work, that Verna's reply is "the people I work with and the students."

### Diana G. Wagner

Administrative Aide, Care of Buildings

As administrative aide in Care of Buildings, "Di" is involved with personnel payroll for approximately 275 UAW custodial staff. The 292 staff members she serves greatly appreciate her devotion and dedication. Not only is her work appreciated, her chili con carne is also cherished!

### James E. Welsh

Animal Attendant, Animal Science

Working as an animal attendant, Jim does everything from feeding to treating sick cattle. He is well liked by his coworkers and when things are going well at work, it's because of "The Master." Jim used to play drum and bugle in drum corps and now enjoys going to competitions.



## 30 Year Awardees



First row (left to right): Helen Wheeler, Phyllis Hurlbut, A. Anne Butler, Patricia Williams, Beverly Klinko, Judith Loan; second row: LeEtta Henecke, Solon Ogden, Rodney Meyers, Frank Frost, Gary Vincent; third row: Harold Hebding, Lynn Brown, David Beckley, Richard Mitsufer, Harvey Wilkin

David L. Beckley  
Agronomy

Catherine H. Brashear  
Media Services

Lynn C. Brown  
Maintenance & Service Operations

Margaret C. Bulkley  
Industrial & Labor Relations

A. Anne Butler  
Engineering Dean's Office

Frank P. Frost  
General Stores

Joy M. Hall  
Human Development & Family Studies

Harold E. Hebding  
Entomology - Geneva

LeEtta M. Henecke  
Plant Pathology-Geneva-Retired

Douglas C. Hislop  
Veterinary Clinical Sciences

Kenneth R. Hotelling, Jr.  
Veterinary Avian & Aquatic Animal Medicine

Phyllis E. Hurlbut  
Facilities & Engineering Admin.

Beverly W. Klinko  
Construction & Contracts

Judith G. Loan  
Design & Environmental Analysis

Richard D. Mitsufer  
Nuclear Studies

Rodney B. Myers  
Statler

Roland D. Neiss  
Veterinary Clinical Sciences

Solon E. Ogden  
Floriculture & Ornamental Horticulture

Carl H. Rautio  
University Libraries

Theodore N. Taft  
Entomology - Geneva

Jeanne H. Thoren  
Engineering Dean's Office

Gary E. Vincent  
Maintenance & Service Operations

Loren C. Wellman  
Care of Buildings

Helen D. Wheeler  
Judicial Administration

Harvey O. Wilkin  
Veterinary Biomedical Electronics

Patricia L. Williams  
Comparative Literature

## 25 Year Awardees



First row (left to right): Marguerite Pack, Rose Sanford, Eleanor Angers, Barbara Boettcher, Mary Basl, Eva Pantos, Maureen Topley, L. L. Johnson; second row: Dawn Johnson, Beth Kemen, Patricia Aldrich, Mary L. Graf, Mary Jamison, Beverly Keib, Robert Denison, Linda Budinger; third row: Wanda Dominger, James Bobnick, John Kumpf, Edward Goyette, Dean Lamoreaux, Pierson Mosher, Anthony Augustine, Arletta Havlik; forth row: Robert Terry, Peter Curtiss, Robert Pantle, Norman Vantine, John Porter, David Van Winkle, Charles Talbott, Allene Hays; fifth row: Gerhardt Hellmann, Gerald Stasavage, R.D. Bell, Raymond Saatman, Richard Lahr, Eugene Bright

Patricia A. Aldrich  
University Libraries

Eleanor S. Angers  
Public Affairs

Anthony J. Augustine  
Mathematics

Mary W. Basl  
Genetics & Development

R. David Bell  
Vegetable Crops

James E. Bobnick  
Agronomy

Barbara L. Boettcher  
Radiophysics & Space Research

Bennie B. Brady  
Animal Science

Eugene Bright  
Dining Services

Linda L. Budinger  
Statutory Finance & Business Services

William R. Compton  
Grounds Department

Peter A. Curtiss  
Office of Sponsored Programs

William F. Dean  
Veterinary Avian & Aquatic Animal Medicine

Robert F. Denison  
Media Services

Wanda R. Dominger  
Vice President's Office, Planning & Budgeting

Donald R. Feint  
Johnson Art Museum

Vincent F. Fuchs  
Dining Services

Robert L. Gneo  
Campus Store

Edward A. Goyette  
Agronomy

Mary Lou Graf  
Statler

Ellen M. Harkness  
Athletics & Physical Education

Arletta A. Havlik  
Mathematics

Allene H. Hays  
Plant Breeding

Gerhardt P. Hellmann  
Nuclear Studies

H. Donald Hinman  
Biomedical Electronics Service

Mary B. Jamison  
University Libraries

Dawn H. Johnson  
University Libraries

Lottie L. Johnson  
Nutritional Sciences

Beverly J. Keib  
Endowed Accounting Office

Beth H. Kemen  
Health Services

Bernhard Kendler  
University Press

John H. Kumpf  
Floriculture & Ornamental Horticulture

Richard D. Lahr  
Vegetable Crops

Dean M. L'Amoreaux  
Veterinary Avian & Aquatic Animal Medicine

Alexander O. Larsen  
Plant Pathology

James F. Manning  
Information Technologies

Dorothy A. Marquis  
Veterinary Teaching Hospital

John G. McCheyne  
Dining Services

Gladys J. McConkey  
Engineering Dean's Office

Pierson C. Mosher  
NAIC

Marguerite J. Pack  
University Libraries

Robert J. Pantle  
Information Technologies

Eva M. Pantos  
Textiles and Apparel - Retired

John R. Porter  
Physics

Richard E. Rosenbaum  
University Press

Raymond R. Saatman  
Veterinary Physiology

Rose V. Sanford  
Materials Science Center

E. Ann Shumate  
Residence Life

Barton J. Spaulding  
Maintenance & Service Operations

Ruth K. Stanton  
Academic Programs, Agriculture & Life Sciences

Gerald W. Stasavage  
Astronomy

Phyllis J. Sutliff  
NAIC

Charles R. Talbott  
Graphic Arts

Robert E. Terry  
Materials Science & Engineering

Maureen P. Topley  
Nutritional Sciences

Norman G. Vantine  
Chemical Engineering

David J. VanWinkle  
NAIC

Patricia A. Winder  
University Libraries

Carolyn J. Zimmerman  
University Libraries

Photos by Charles Harrington



## More scenes from the 34th Annual Service Recognition Banquet



*Geneva awardees and guests - First row (left to right): Dave Hummur, Shirley McGuigan, Sandra Prentice, Lorraine Fathergill, Roberta Vickery, Marcella Walczak, Audrey Gardner; second row: Eunice Williams, Phyllis Hebding, Grace Parsons, Ginny Livermore, Lynn Broderick, Carol Nevill, Lois Brandt; third row: LeEtta Henecke, Marcia Lasher, Harold Hebding, Harvey Brandt, Charene Hibbard, Bruce LeClaire, Jean LeClaire; fourth row: Everette Henecke, Ken Livermore, Gene Parsons, Ronald Nevill, Lee Hibbard, Patty Lootens; fifth row: Glenn McWiggin, Ed Broderick, David Lasher, Donald Lipke, Gerald Henderson*



*Senior Vice President James Morley and his wife, Betsy, with Employee Trustee Fellow George Peter and his wife, Gloria. George, a Cornell retiree with 41 years of service, was the emcee for the evening's program.*



### Service Continued from page 1a

*Interaction with a wide variety of people and involvement in the excitement of research - the opportunity to make a better world*

*Working for 16 different bosses*

*Knowing that the customer is completely satisfied and meeting nice folks*

*Being able to locate relevant information in our historical collections for out-of-town researchers*

*Being in charge of the mobility-impaired section of Commencement for many years*

*Acting as chair of the university smoking commission*

*Working on the space program and with the astronauts for the Gemini VII space flight*

\* \* \*

### Congratulations to all the awardees!

*Attention awardees who attended the banquet: Group photos taken the night of the banquet will be sent to your campus address in a few weeks.*

*Attention awardees who did not attend the banquet: Your gift is waiting for you to pick up in 130 Day Hall.*

### How is Credited Service Determined?

The annual awards banquet is sponsored by the Office of Human Resources for those who have attained 25 years of credited service on or before July 1 of the current year.

While every effort is made to ensure that all regular employees are credited with the correct service date there may be situations of prior employment with the university that should be brought to the attention of the Office of Human Resources.

If you have any questions regarding your service date, please call Vivian Collins in Operations/Records, Office of Human Resources, 5-2332.





# CORNELL EMPLOYMENT NEWS

July 6, 1989

Summer Edition

Volume 1, Number 26

## JOB OPPORTUNITIES

Staffing Services, 160 Day Hall, Cornell University, Ithaca NY 14853-2801  
Day Hall: (607) 255-5226 East Hill Plaza: (607) 255-7422

- Employees may apply for any posted position with an Employee Transfer Application. A resume and cover letter, specifying the job title, department and job number, is recommended. Career counseling interviews are available by appointment.
- Requests for referral and/or cover letters are not accepted from external candidates unless specified in the ad. Candidates should submit a completed and signed employment application which will remain active 4 months. Interviews are conducted by appointment only.

- Staffing Services will acknowledge receipt of all material by mail. Hiring supervisors will contact those individuals selected for interview by phone; please include two or more numbers if possible. When the position is filled, candidates should receive notification from the hiring supervisor.
- Cornell University is an Affirmative Action/Equal Opportunity Employer.
- Job Opportunities can be found on CUINFO

### Professional

Nonacademic professional positions encompass a wide variety of fields including management, research support, computing, development, finance and accounting, dining services and health care.

Submit a resume and cover letter for each position, specifying the job title, department & job number. Employees should include an Employee Transfer Application.

#### Director of Leadership Gifts (PA6506) HRIII University Development-Endowed

Responsible for the identification, solicitation and cultivation of gifts from 30,000 alumni and friends of Cornell who have the capacity to make gifts in the \$25K-100,000K range. Develop new programs working closely with the Cornell Fund, Cornell's college and Unit Public Affairs Officers and the Regional Offices to facilitate such gifts. Plan, develop and implement solicitation and on going cultivation strategies.

**Requirements:** Bachelor's 3-5 years Development experience and work with volunteer group organizations including Annual Fund or individual giving experience is required. Ability to communicate effectively and persuasively. Excellent writing and communications skills, successful gift solicitation experience, and prospect management expertise are highly recommended. Excellent organization and management skills. Send cover letter and resume to Cynthia Smithbower by July 7.

#### Sr. Systems Programmer/Analyst (PA7504) Level 35 Theory Center/CNSF-Endowed

Provide technical leadership in the design, implementation, documentation and maintenance of highly specialized and complex large scale applications software, operating systems software, and hardware required for the CNSF; provide direct support to the Manager of Large Applications Supports (LSAS).

**Requirements:** Bachelor's or equivalent required, Master's Preferred. 3-5 years programming; high level languages (FORTRAN, C, REXX, Assembler, Pascal, APL); VM/CMS experience and familiarity with other operating systems; ability to understand advanced computational algorithms; extensive technical expertise. UNIX skills and experience highly desirable. Send cover letter and resume to Cynthia Smithbower.

#### Corporate Liaison Staff Assistant (PA7401) HRII Theory Center/CRI-Endowed

Under direction of the Corporate Research Institute (CRI) Director, serve as liaison to CRI members.

**Requirements:** Bachelor's or equivalent. 3-5 years program experience in scientific research organization with some experience in marketing; excellent communication and organizational skills required; use of micro-computer and appropriate software helpful. Send cover letter and resume to Cynthia Smithbower by July 21.

#### Senior Systems Programmer/Analyst (PT4010) Level 35

##### Computer Services-Endowed

Design, develop and program software systems related to computer-based communications. Prepare documentation, train and assist users; process database changes.

**Requirements:** Bachelor's or equivalent; 3-5 years programming experience; extensive knowledge of VM/CMS (especially X edit) and IBM assembly language. Knowl-

edge of Pascal and C languages, with TCP/IP network concepts and protocols desirable. Excellent interpersonal and communication (written/verbal) skills. Send cover letter and resume to Bill Webster.

#### Systems Programmer/Analyst III (PA7503) Level 34 Theory Center-Endowed

Plan, install and maintain packages required for the CNSF. Work closely with CNSF staff and interact with software support and systems staff of CIT. Duties will center on support for large scale scientific computing environment (VS FORTRAN, Parallel FORTRAN, and FORTRAN scientific subroutine libraries) at CNSF, and for users.

**Requirements:** Bachelor's degree or equivalent combination of education and experience. 3-5 years programming experience; strong technical skills; experience utilizing high level languages (FORTRAN, C, REXX, Assembler); demonstrated ability to work in scientific or large scale environment; experience with VM/CMS, UNIX skills and experience highly desirable. Send cover letter and resume to Cynthia Smithbower.

#### Systems Programmer/Analyst III (PA7505) Level 34 Theory Center/CNSF-endowed

Plan, install and maintain packages required for the CNSF. Work closely with CNSF staff and interact with software support and systems staff of CIT. Duties will center on support for large scale scientific computing environment (VS FORTRAN, Parallel FORTRAN, and FORTRAN scientific subroutine libraries) at CNSF, and for users.

**Requirements:** Bachelor's degree or equivalent combination of education and experience. 3-5 years programming experience; strong technical skills; experience utilizing high level languages; demonstrated ability to work in scientific or large scale environment; VM/CMS, and FORTRAN experience highly desirable; REXX and IBM Assembler skills useful; UNIX skills and experience desirable. Send cover letter and resume to Cynthia Smithbower.

#### Coordinator of Assignments and Summer Housing (PA7501) HRII

##### Residence Life-Endowed

Manage the overall functions of the Assignment and Summer Housing Office. Responsible for application and assignment process for 7,000 students and 19,000 summer guests. Act as Department's primary public information source.

**Requirement:** Bachelor's degree or equivalent essential, Master's preferred. 3-5 years full-time management experience. Experience in student housing administration desirable. Experience in descriptive writing/editing. Computer experience desirable. Send cover letter and resume to Cynthia Smithbower.

#### Programmer Management Information Specialist (PT7501) Level 33

##### Institutional Planning & Research-Endowed

Provide programming support for developing and maintaining a distributed management information system. This system will be designed to provide information support for both the college and central administrative planning and decision making processes. Specific responsibilities include building data retrieval, manipulation, and reporting tools; and developing data extracts and reports in response to routine and ad hoc information requests.

**Requirements:** Bachelor's or equivalent in a related field. 2-3 years work experience (both mainframe and micro-computer environments) preferred. Excellent interpersonal skills required for heavy user contact. Send cover letter and resume to Bill Webster by August 1.

#### Applications Programmer II (PT7504) Level 33 Law-Endowed

Develop, modify and maintain a related family of applications programs for database management on a novell network. Manage the operations of the PC based network at the Law School. Provide training and consulting on hardware and software issues and applications to faculty, staff and students.

**Requirements:** Bachelor's degree in computer-related field or equivalent. 2-3 years related experience. Knowledge of personal computers and local area networks. Proven computer programming experiences in database applications required. Experience in dataflex DBMS language and at least one other DBMS language strongly preferred. Excellent interpersonal and analytical skills. Send cover letter and resume to Bill Webster.

#### Applications Programmer/Analyst II (PT7403) Level 33 Law-Endowed

Develop, modify and maintain applications programs primarily for database management on a PC network. Manage the operations of the PC based management network at the Law School. Provide training and consulting on hardware and software issues and applications to faculty, staff and students.

**Requirements:** Bachelor's in computer related field or equivalent. 2-3 years related experience. Knowledge of personal computers and local area networks. Proven computer programming experiences in database applications required. Send cover letter and resume to Bill Webster.

#### Systems Analyst I (PT7518) Level 32 CISER-Endowed

Support and consult with staff in the operation of CISER's Survey Research Facility and provide support of SPSSx, SPSS-PC and SPSS-DE to CISER members and their affiliates.

**Requirements:** Bachelor's or equivalent in Social Science preferred. 1-2 years related experience in Survey Research. Knowledge of DBASE III, SPSSx, SPSS-PC, SPSS-DE. Good interpersonal and communication skills. Send cover letter and resume to Bill Webster.

#### Research Support Specialist I (PT7509) HRII Design & Environmental Analysis-Statutory

Assist on a research survey investigating the association between environmental tobacco smoke, indoor air quality, and work-related health problems in offices. Interview senior personnel; coordinate environmental monitoring of indoor air quality; conduct questionnaire surveys of office workers; coordinate data coding and entry; conduct statistical analyses; and assist in report writing & research presentations.

**Requirements:** Bachelor's or equivalent in Behavioral/Social Sciences. 2-3 years computing experience with IBM mainframe systems; knowledge of IBM/CMS & SPSSx. Strong background in survey research, including experience with questionnaire construction and administration, data coding & entry, statistical analysis of survey data and interpretation & report writing. IBM & Macintosh system experience and knowledge of networking preferred. NYS driver's license and heavy travel required. Send cover letter and resume to Bill Webster.

#### Research Support Aide (PT7516) HRII CISER-Statutory

Provide support in form of direct consultation with faculty and grad students in quantitative social/economic research. Assist in use of CISER data archive collection of machine-readable data files/print data resources on campus. Answer questions supplying data from public collection on a cost-recovery basis.

**Requirements:** Bachelor's or equivalent required. 1-2 years experience within a data archive or academic reference staff; some knowledge of automated systems or ability to work with automated systems. Must be able to work within a team and communicate effectively. Familiarity with machine-readable data files, knowledge of federal statistical programs, federal documents, social science research methods, grad work in library or information science, and computing skills-micro and mainframe desired. Send cover letter and resume to Bill Webster.

#### Research Support Specialist I (PT7519) HRII Clinical Sciences-Statutory

Provide laboratory support of the woodchuck hepatitis project, research on liver and kidney diseases conducted by the Small Animal Clinic, and lab testing done by the Diagnostic Laboratory. Create, maintain and analyze computer records of test results using statistical software.

**Requirements:** Bachelor's degree or equivalent in chem-

istry or biology required. Master's desired. 1-3 years independent laboratory experience necessary, including maintenance of data files and analysis of data. ability to meet deadlines. computer experience essential. ability to restrain small animals and obtain blood samples. send cover letter and resume to Bill Webster.

#### Assistant Director for Business Services (PA7507) HRII Unions & Activities/Noyes Center-Endowed

Responsible for building and retail area management, personnel supervision, budget, purchasing, marketing and promotion of assigned areas. Also responsible for serving as the liaison with consignment agents and vendors wishing to sell goods in noyes center.

**Requirements:** Bachelor's degree or equivalent. 2-3 years of previous experience preferably in a college/university union or equivalent experience in a related field including 1 year full-time retail/service supervisory experience. Must have experience in supervising students and non-student employees. Some evenings and weekends hours needed. Send cover letter and resume to Cynthia Smithbower by 7/21.

#### Assistant Director (PA7506) HRII State Programs Office-Endowed

Under general supervision, assist in providing programmatic accountability to the university and state programs office for HEOP and EOP (Higher Education Opportunity Program, Equal Opportunity Program). Aid in the development of new proposals and in communication to university officials of new programs, program guidelines and changes that affect the management and/or continuation of programs. Field recruiting of students in coordination with university and college recruiting officer.

**Requirements:** Master's degree or equivalent (eg. student personnel administration, higher education administration, social service or related field). Some experience in student personnel services and/or counseling or closely related field necessary. Send cover letter and resume to Cynthia Smithbower by 7/21.

#### Dining Supervisor I (PA7502) HRII Dining-Endowed

Supervise daily operation of dining unit, including purchasing and storage of food supplies, maintenance of equipment, planning menus, preparation and dispensing food.

**Requirements:** Associates degree or equivalent. 1 year food service supervisory experience desired. Knowledge of food and health codes desirable. send cover letter and resume to Cynthia Smithbower.

#### Assistant Director for Business Services (PA7405) HRII Unions and Activities-WSH-Endowed

Responsible for income enhancement, supervision of personnel, unit accounting, cost control, budget preparation, purchasing and marketing of specific areas of operation. Responsible for aggressively seeking, developing and implementing new income-generating services which compliment the purpose of Willard Straight Hall.

**Requirements:** Bachelor's, advanced degree preferred. 2 years previous retail or operations experience in an administrative management capacity, or equivalent experience in related fields. Excellent organization skills with emphasis on creativity, flexibility, goal setting and goal attainment. Direct supervisory experience necessary. Send cover letter and resume to Cynthia Smithbower by August 7.

#### Assistant Director, Class Programs (PA7402) HRII Alumni Affairs-Endowed

Responsible for the coordination of Cornell alumni reunions for 5,000+ people; work with several university departments and individual reunion classes.

**Requirements:** Bachelor's, Cornell preferred. 2 years related experience. Strong organizational, interpersonal skills. Knowledge of Macintosh computer systems necessary. Ability to deal with deadlines and alumni. Send cover letter and resume to Cynthia Smithbower by July 9.

#### Development Assistant (PA7408) HRII University Development-Endowed

Assist with the coordination and implementation of major gift fundraising. Work closely with the Director and Associate Director and with other staff, faculty and volunteers in carrying out assigned projects and designated responsibilities in support of the major gift fundraising activities with a special emphasis on the Cornell recognition project.

**Requirements:** Bachelor's or equivalent work experience. Excellent written and oral communication skills. Strong interpersonal skills. Strong management and organizational skills. Aptitude for detail oriented work. Send cover letter and resume to Cynthia Smithbower by July 14.

### Attention: Empire Plan Enrollees

Empire Plan enrollees who participate in the New York State Prescription Drug Program and who paid for prescription drugs at a participating pharmacy because they did not receive their new Employee Benefit Card on time at the beginning of 1989, can now receive the equivalent of the full payment minus the appropriate copayment for those prescription bills.

Prescriptions purchased at participating pharmacies between January 1, 1989 and February 28, 1989, qualify for this special reimbursement. The cut-off date for filing is September 30, 1989.

For further details, please contact Nancy Zinzola, 5-7995.



**Mechanical Designer (PT7402) HRI Facilities Engineering-Endowed**  
Assist in the design and preparation of cost estimates and drawings, specifications and construction documents for maintenance, repair and alteration projects that relate to the Mechanical Section.  
**Requirements:** Associate's in applied science or equivalent. Knowledgeable of building mechanical systems, skilled in construction estimating and trained in HVAC load calculations. Must also have excellent drafting (CADD experience highly desirable), and communication skills, and have and maintain a valid NYS driver's license. Send cover letter and resume to Bill Webster.

**Administrative Supervisor (PA7406) HRI Residence Life-Endowed**  
Supervise the daily operations of the Housing Assignment Office. Administer student assignment process, maintain computer information system, monitor billings. Supervise 2 full-time and several student employees.  
**Requirements:** Associate's or equivalent. Bachelor's or equivalent experience preferred. Experience with computerized information systems required. Supervisory experience. Send cover letter and resume to Cynthia Smithbower by July 7.

**Administrative Supervisor I (PG7402) HRI Statler Hotel-Endowed**  
Assist the Executive Housekeeper in the management of custodial tasks in the Hotel School. Hours include nights and weekends.  
**Requirements:** Associate's or equivalent in facility management preferred. Minimum 5 years custodial experience. Proven ability as a manager. Excellent communication (oral and written) skills. Send cover letter and resume to Esther Smith.

**Dining Room Coordinator (PG7403) HRI Statler Hotel-Endowed**  
Schedule, coordinate, and manage the dining room staff to insure that proper etiquette and service is given in the fine dining room of the hotel so as to provide maximum guest satisfaction. Some nights and weekends.  
**Requirements:** Bachelor's or equivalent in hotel administration preferred. Minimum 2-3 years experience in similar position required. Proven supervisory skills. Familiar with all types of service. Excellent financial management and planning skills. Send cover letter and resume to Esther Smith.

**Assistant Director of Student Activities (PA7404) HRI Unions and Activities-Campus Activities Center (CAC)-Endowed**  
Student Activities generalist. Advise student organizations. Responsible for student activities, funding, major programs, and popular concerts. Conduct training and development for student organizations. Administer and publish policies related to activities on campus.  
**Requirements:** Bachelor's or equivalent. 2 years experience in student development and programming. Send cover letter & resume to Cynthia Smithbower by August 1.

**Accounts Manager (PC7305) HRI Patents and Technology Marketing-Endowed**  
Provide financial support for the Department of Patents and Technology Marketing and Cornell Research Foundation. Involves budget forecasting and preparation of financial reports; responsible for approval of expenditures and distribution of royalty income; work closely with Director on financial matters; manage several DBase systems.  
**Requirements:** Bachelor's in accounting or equivalent. Minimum 1-3 years accounting and business experience and knowledge of Cornell community. Knowledge of IBM PC's or compatible; Lotus 123 and/or Twin spreadsheet; DBase experience required. Strong organizational and communication (verbal and written) skills. Send cover letter and resume to Esther Smith.

**Teaching Support Specialist (PT7208) HRI Plant Breeding and Biometry-Statutory**  
Provide teaching and research support for instruction of various statistics courses. Provide statistical consulting and computing in Biometrics unit.  
**Requirements:** Bachelor's or equivalent required, Master's in statistics preferred. Coursework in computer science desired. Some teaching and research experience necessary. Send cover letter and resume to Bill Webster.

**Construction Manager (PA7101) HRI Statutory Office for Capital Facilities-Statutory**  
Responsible for the management of construction and renovation projects in the Statutory Colleges. Typical duties include project scheduling, insuring conformance with plans and specifications, coordinating user input, and assisting in the resolution of project related problems.  
**Requirements:** Bachelor's or equivalent. 2-3 years experience in construction and/or maintenance and management. Excellent verbal, written and financial management skills. Familiarity with Cornell and Statutory Facilities essential. An understanding of the current methods of providing maintenance services to the Statutory Facilities is a plus. Send cover letter and resume to Cynthia Smithbower by July 21.

**Research Programmer (PT7110) HRI Animal Science-Statutory**  
Provide supervisory and technical support for research programs involving the design and analysis of Dairy Management Systems utilizing the NY Dairy Herd Improvement database. Analyze and develop dairy herd performance measures that will predict economic returns to the dairy enterprise. Develop and program software to assist with dairy herd management.  
**Requirements:** Bachelor's or equivalent required; degree in animal science or ag. econ. preferred. Minimum 2 years related experience. High level language (e.g., "C" programming experience), ability to use SAS, understanding of advanced computing techniques such as expert systems. Dairy farm background or experience helpful. Send cover letter and resume to Bill Webster.

**Budget Analyst I (PC6904) HRI Administrative Operations-University Library-Endowed**  
Provide analytical and technical support to the budgeting, planning, and fiscal operating processes under the administrative direction of the accounting manager. Total operating expenditures for University Library system are approximately \$20 million annually.  
**Requirements:** Bachelor's or equivalent (Associate's and 4-5 years accounting or related experience). 1-2 years related experience preferred. Strong analytical skills required. Cost analysis experience preferred. Experience with IBM/PC and applications (Lotus 1-2-3, dBase III+, and word processing) preferred. High degree of accuracy with attention to detail. Strong organizational, communication (verbal and written), and interpersonal skills. Familiarity with Cornell accounting and budget systems and procedures helpful. Send cover letter, resume and salary requirements to Esther Smith.

**Research Support Aide (PC6516) HRI Chemistry-Endowed**  
Coordinate and monitor progress of manuscripts through editorial process for internationally-known technical journal; prepare annual author search survey for journal; submit production and financial reports to American Chemical Society.  
**Requirements:** Bachelor's or equivalent in chemistry; Master's or 2 years related experience desirable. Familiarity with modern chemistry and science library; editorial experience helpful. Familiarity with scientific computing and word processing. Send cover letter and resume to Esther Smith.

## Professional Off-Campus

**Research Support Specialist I (PT7506) HRI Horticultural Sciences/Geneva-Statutory**  
Operate and conduct experiments with biolistic apparatus. Aid in design, fabrication and modification of new prototypes. Until 3/31/91  
**Requirements:** Bachelor's or equivalent required. Master's in Biology or Engineering preferred. Previous experience relating to the biolistic process strongly desired. Demonstrated physical science/biology aptitude. Send cover letter and resume to Bill Webster.

## Professional Part-time

**Systems Programmer/Analyst II (PT7411) Level 33 Modern Languages and Linguistics-Endowed**  
Under general supervision, support speech synthesis and analysis in the DMLL Phonetics Laboratory. General responsibility for maintaining software on several computer systems including SUN 160c Workstation (UNIX), IBM-PC/AT (DOS), PDP 11/73 & 40, and MAC II. 20 hours per week.  
**Requirements:** Bachelor's or equivalent experience and training. 2-3 years related experience. Knowledge of UNIX and C required. Ability to develop systems software (such as device drivers); help developers of applications software with system-specific problems; port existing software to new computers; interface existing software with specific hardware (such as A/D converters); develop and maintain networks; enhance existing software with new features (including graphic display of data); do applications program development; and write documentation. Knowledge of and interest in signal processing useful, but not essential. Send cover letter and resume to Bill Webster.

**Applications Programmer II (PT7308) Level 33/HRI Section of Ecology and Systematics-Statutory**  
Responsible for design, coding and maintenance of applications for natural history database system. Flexible schedule, 20-30 hours per week for grant duration.  
**Requirements:** Bachelor's or equivalent with computer related courses or equivalent experience. Must have 2-3 years "C" programming experience with microcomputers. Prior experience with PC database software required. Knowledge of PC-based LANs helpful. Send cover letter and resume to Bill Webster.

## Professional Temporary

**Teaching Support Specialist I (PA7407) HRI Education-Statutory**  
Assist with Ed. 115, Introductory College Mathematics. Duties include revising problem sets and class materials. Assist in development of examinations and answer sheet, grading, working with teaching assistants, some office hours for individual assistance of students. Part-time.  
**Requirements:** Master's or equivalent in mathematics or mathematics education. Teaching experience in secondary school, junior or senior college and experience with Macintosh preferred; proven effectiveness in working with students experiencing difficulty in mathematics. Send cover letter and resume to Cynthia Smithbower by July 20.

## Technical

As a prominent research institution, Cornell University has a diverse need for laboratory, electro/mechanical and computer support. Individuals with backgrounds in computer science, biology, microbiology, chemistry, animal husbandry, plant science and medical laboratory techniques are encouraged to apply; applicants with ASCP or AHT licenses are in particular demand.

Submit a resume and cover letter for each position, specifying the job title, department and job number, to Bill Webster, 160 Day Hall. Skill assessment check lists, available at the Day Hall office, are a valuable aid when applying for computer or laboratory related positions.

**Technician, GR18 (T7515) Laboratory of Ornithology-Endowed**

**Minimum Biweekly Salary: \$513.94**  
Edit and incorporate field tape recordings of animal sounds into the collection of the Library of Natural Sounds. Prepare and enter into a computerized information storage and retrieval system; catalog data for recordings in the Library. Until 7/11/90, continuation contingent upon funding.  
**Requirements:** High School diploma or equivalent required. Some college coursework in biology or related field desired. Previous in the operations of studio audio equipment preferred. Strong technical aptitude. Audio theory, ornithology, or electronics knowledge preferred. Good organizational skills required.

**Animal Technician, GR18 (T7514) Lab Animal Services-Statutory Minimum Biweekly Salary: \$513.94**  
Provide daily care of animals (i.e. feed, water, exercise). Maintain cages, pens, and environment; maintain animal records; follow procedures for animal care. Perform effective sanitation of equipment and facilities.  
**Requirements:** High School diploma or equivalent required. Associate's in Animal Science desired. 1 year animal experience desired. Assistant Animal Certificate helpful. Must be in good physical condition; able to lift 50#. **PRE-EMPLOYMENT PHYSICAL AND ALL REQUIRED IMMUNIZATIONS REQUIRED.**

**Technician, GR18 (T7305) Chemistry-Endowed Minimum Biweekly Salary: \$513.94**  
Provide staff support to Lab Services and Safety. Prepare, package and distribute reagents and supplies. Assist with inventory control. Occasionally assist in maintenance and toxic materials programs.  
**Requirements:** Associate's degree or equivalent. 2 years experience or equivalent. Knowledge of lab techniques and procedures; knowledge of safety practices. Send cover letter and resume to Bill Webster.

**Technician, GR19 (T6903, T4113) Veterinary Pathology-Statutory Minimum Biweekly Salary: \$535.78**  
Provide technical support for flow cytometry lab research activities. Perform experiments relative to the effects of oncogenes and chromosomal aberrations on cell differentiation; carry out lab protocols and relative to cell culture and analysis of proteins and nucleic acids.(biochemistry/ molecular biological techniques and flow cytometry).  
**Requirements:** Associate's or equivalent required. Bachelor's in relevant biological or physical science preferred. Minimum 1 year related experience.

**Technician, GR19 (T7306) Pomology-Statutory Minimum Biweekly Salary: \$535.78**  
Under direct supervision, conduct experiments in plant biochemistry, chemistry, and physiology. Use chromatographic and spectrophotometric equipment for chemical and biochemical analysis; compile data; perform some field treatments and sample collection. Yearly appointment contingent upon funding.  
**Requirements:** Minimum 2 years coursework in chemistry/math required. Bachelor's degree or equivalent in biology or related field with coursework in chemistry or math, preferred. 1 year related experience. Ability to safely handle lab. chemicals and pesticides.

**Technician, GR20 (T7307) Agronomy-Statutory Minimum Biweekly Salary: \$558.78**  
Provide support for research in biochemical analysis of specific mRNA's, activities of enzymes, and amounts of storage proteins in plant tissues. Duties include culturing bacteria containing cDNA plasmids, extracting and purifying DNA from bacteria and mRNA from plants and performing hybridization assays.  
**Requirements:** Bachelor's or equivalent in biology, biochemistry or chemistry. 1 year related experience with basic laboratory equipment and ability to learn new techniques and procedures. Send cover letter and resume to Bill Webster.

**Technician, GR20 (T7407) Poultry and Avian Sciences-Statutory Minimum Biweekly Salary: \$558.78**  
Organize and perform research in avian reproductive endocrinology. Provide technical expertise in a variety of methodologies including molecular endocrinology techniques, RIA, with some animal work and data analysis.  
**Requirements:** Bachelor's or equivalent in biology or biochemistry. Minimum 1-2 years experience. Some training and experience in laboratory procedures. Able to work independently.

**Technician, GR20 (T7307) Agronomy-Statutory Minimum Biweekly Salary: \$558.78**  
Provide support for research in biochemical analysis of specific mRNA's, activities of enzymes, and amounts of storage proteins in plant tissues. Duties include culturing bacteria containing cDNA plasmids, extracting and purifying DNA from bacteria and mRNA from plants and performing hybridization assays.  
**Requirements:** Bachelor's or equivalent in biology, biochemistry or chemistry. 1 year related experience with basic laboratory equipment and ability to learn new techniques and procedures. Send cover letter and resume to Bill Webster.

**Animal Health Technician, GR20 (T7202) Veterinary Medical Teaching Hospital-Statutory Minimum Biweekly Salary: \$558.78**  
Provide support therapy for ICU patients and assist with emergency procedures. Teach intensive care and emergency protocol to students assigned to ICU duty. Some weekends and holidays. Rotating shift, 3 p.m.-11 p.m. and 11 p.m.-7 a.m.  
**Requirements:** Associate's or equivalent in animal health technology and NYS licensure (or eligibility) required. Minimum 2 years related experience. Experience working with small animals, interest in teaching critical care techniques preferred.

**Animal Health Technician, GR20 (T6705) Veterinary Medical Teaching Hospital-Statutory Minimum Biweekly Salary: \$558.78**  
Assist with emergency and surgical procedures. Responsible for medical treatments; manufacture, compound, dispense and administer prescriptions. Evenings and weekends.  
**Requirements:** Associate's or equivalent in animal health technology required, NYS licensure (or eligibility) required. 2 years experience as A.H.T. and experience working with large animals preferred.

**Technician, GR20 (T7102) Biochemistry, Molecular and Cell Biology-Statutory Minimum Biweekly Salary: \$558.78**  
Provide technical support for large research project on the expression of genes in plant cultures and in isolating and analyzing DNA and enzymes.  
**Requirements:** Bachelor's or equivalent scientific area of study (biochemistry, genetics, etc.) required. 1-2 years experience in gene expression and cloning techniques and general laboratory techniques.

**Technician, GR21 (T7511) Diagnostic Laboratory-Statutory Minimum Biweekly Salary: \$582.29**  
Perform microbiological and immunological tests on specimens as requested by clinicians to aid in the diagnosis of infections in animals and humans.  
**Requirements:** Bachelor's or equivalent in clinical microbiology. ASCP or MLT license desirable. Basic lab skills with emphasis on clinical microbiology and some immunology. Minimum of 1 year experience in a clinical lab performing diagnostic procedures in bacteriology and immunology.

**Technician, GR21 (T7408) Vegetable Crops-Statutory Minimum Biweekly Salary: \$582.29**  
Provide research support in muckland vegetable program. Conduct field, greenhouse and laboratory experiments, analyze data, maintain equipment, prepare reports, maintain lab and prepare library research reports. Travel required.  
**Requirements:** Bachelor's or equivalent in biological or agricultural science required. NYS certification for commercial pesticide use essential. Minimum 2 years experience in field research. Able to operate farm equipment, use and handle pesticides safely and accurately, perform statistical analysis, greenhouse operations, and equipment repair.

**Technician, GR21 (T7404) Diagnostic Laboratory-Statutory Minimum Biweekly Salary: \$582.29**  
Perform a variety of serological tests, including virus neutralization, complement fixation and agar gel immunodiffusion. Process clinical specimens and perform fluorescent antibody and viral isolation procedures and other lab procedures. Prepare media and other solutions.  
**Requirements:** Bachelor's or equivalent in microbiology, biology or related field. 2 years work experience desired. Good sterile techniques, basic microbiology techniques required.

**Technician, GR21 (T7406) Diagnostic Laboratory-Statutory Minimum Biweekly Salary: \$582.29**  
Perform microbiological and immunological tests on specimens and aid in diagnosis of infections in animals and humans. Monday-Friday (39 hours per week) with Saturday rotation.  
**Requirements:** Bachelor's or equivalent in microbiology or related field. Med. Tech. or ASCP License preferred but not required. 2 years related experience.

**Technician, GR21 (T7309) Diagnostic Laboratory-Statutory Minimum Biweekly Salary: \$582.29**  
Assist in the development of new serodiagnostic tests, perform serodiagnostic tests.  
**Requirements:** Bachelor's degree in microbiology/immunology or equivalent, computer programming experience preferred. Minimum 2 years related experience, previous use of aseptic techniques, general lab equipment and protocols; training and previous experience with computers are highly desirable. Knowledge of statistics is desirable.

**Technician, GR22 (T7004) Diagnostic Laboratory-Statutory Minimum Biweekly Salary: \$607.04**  
Implement biochemical and serological procedures for the speciation of Mycoplasma isolated from clinical samples. Perform microbiological and immunological tests on specimens as requested by clinicians to aid in the diagnosis of infections in animals and humans. Monday-Friday, 8-5 with rotating Saturdays.  
**Requirements:** Bachelor's or equivalent in clinical microbiology or medical technology. ASCP licensing preferred but not required. Minimum 2-3 years experience in veterinary clinical microbiology desirable. Supervisory experience a plus.

**Technician, GR22 (T7508) Food Science-Statutory Minimum Biweekly Salary: \$607.04**  
Coordinate operations of sensory testing facility including taste panel scheduling, sample preparation, data collection, tabulation and analysis.  
**Requirements:** Bachelor's or equivalent in Food Science, Psychology or related field. Minimum 2-3 years related experience. Knowledge of basic statistics and chemistry lab experience or coursework needed. Familiarity with Macintosh computers. Excellent interpersonal skills required.

**Photographer, GR22 (T7405) Biomedical Communications-Statutory Minimum Biweekly Salary: \$607.04**  
Responsible for the production of photomicrography and



photomacrography. Duties will also include on and off-site biological photography and reproduction of graphic and continuous tone copy. Darkroom work will include film processing, chemical mixing, black-and-white and color printing and equipment maintenance.

**Requirements:** Associate's in photography required; coursework in biological photography and Bachelor's preferred. 2-4 years experience in photography.

**Accelerator Operator, GR24 (T7507)**  
**Lab of Nuclear Studies-Endowed**  
**Minimum Biweekly Salary: \$662.90**

Operate a computer-controlled accelerator system to provide high-energy electron and positron beams for utilization by experimental groups; investigate faults in accelerator operation and take remedial action; carry out projects of accelerator maintenance and development using shop and test facilities in performing these technician duties; and maintain and enforce applicable safety precautions and maintain the integrity of the accelerator interlock systems. The accelerator is staffed 24 hours a day all year round. Operators are required to alternate shift work including weekends and holidays.

**Requirements:** Associate's in electronics or equivalent raining in in-service courses required. Bachelor's in Physics preferred. 2-3 years experience in a laboratory or shop is preferred.

**Technician, GR26 (T7413)**  
**Biotechnology Program-Endowed**  
**Minimum Biweekly Salary: \$727.37**

Under very general supervision, responsible for the scientific operation of the Peptide Synthesis Facility. Operate and maintain Peptide Synthesizer, develop synthesis and isolate strategies.

**Requirements:** Bachelor's or equivalent in chemistry/organic chemistry. Broad working knowledge of the specialized equipment used. At least 5 years of related laboratory experience with an emphasis on the synthesis of polypeptides of specific sequence. Strong interpersonal and organizational skills.

## Technical Off-campus

**Technician, GR20 (T7510)**  
**Entomology/Geneva-Statutory**  
**Minimum Biweekly Salary: \$558.78**

Assist with all aspects of studies of spider mite resistance to a biological acaricide. 2 year position, continuation contingent upon funding.

**Requirements:** Bachelor's degree or equivalent in biology required. Additional coursework in botany and microbiology preferred. 1-2 years experience in botany and microbiology; experience with spider mite bioassays and basic skills involved in studies of mite resistance required.

**Technician, GR20 (T7517)**  
**Entomology/Geneva-Statutory**  
**Minimum Biweekly Salary: \$558.78**

Assist in performing research in molecular biology/genetics, including radioisotopic and fluorescent labeling of nucleic acids; electrophoresis of nucleic acids, especially sequencing of DNA using manual and automated procedures; other recombinant DNA methods including DNA and RNA purifications, preparation of cDNA and genomic libraries, screening and isolation of recombinant phages and plasmids, various enzymatic procedures; and routine lab chores. Continuation contingent upon funding.

**Requirements:** Bachelor's degree or equivalent required. 1-2 years experience in a molecular biology lab. Previous experience handling radioisotopes and sequencing DNA is essential. Ability to learn new techniques and to work with a minimum of supervision. Good organizational skills, attention to details, and a commitment to excellence.

## Technical Part-time

**Animal Technician, GR18 (T7203, T7204)**  
**Veterinary Microbiology-Statutory**  
**Minimum full-time equivalent: \$513.94**

Provide care (feed, water, clean and monitor) for small research animals (canines and rodents) following strict protocols for sterile or disease control environments and regulations for animal welfare. Assist Vets in treating and vaccinating animals. 24 hours per week (weekend and holiday work required).

**Requirements:** High School diploma or equivalent. Some related coursework preferred. 1 year related experience. Knowledge of a variety of laboratory animals and animal breeding required.

**Technician, GR19 (T7304)**  
**Psychology-Endowed**  
**Minimum full-time equivalent: \$535.78**

Responsible for carrying out experiments, analyzing data, keeping laboratory records, overseeing animal colony, and other activities related to experiments such as surgery, histology and occasional library research. Flexible, 30 hours per week. Until 3/31/92, continuation contingent upon funding.

**Requirements:** Minimum 2 years related coursework. Bachelor's or equivalent in biology or biopsychology or a related field desired. Experience in data analysis, computers, histology, surgery, behavioral observation and handling animals.

## Technical Temporary

**Casual Technical Assistant (T7412)**  
**CIT**

Assist with maintaining local area networks; provide software and occasional hardware support for Macintosh and IBM personal computer systems. Other duties as assigned. Monday-Friday, 8 a.m.-12 noon.

**Requirements:** High School diploma or equivalent. Familiarity with the operation of Cornell mainframes, IBM

PC's and Macintosh systems. Able to install application software on IBM and Macintosh personal computers. Send cover letter and resume to Bill Webster.

## Office Professionals

Approximately half of all University openings are for Office Professionals. Individuals with secretarial, word processing (IBM PC, Macintosh, Wang, Micom), data entry, technical typing, or medium to heavy typing (45-60+ wpm) are encouraged to apply.

Submit a signed employment application and resume. Requests for referral and/or cover letters are not accepted from external candidates unless specified in the ad. Qualified applicants will be invited for a preliminary interview at our East Hill Plaza office.

**Office Assistant, GR16 (C7513)**  
**Public Affairs Records-Endowed**  
**Minimum Biweekly Salary: \$477.46**

Provide clerical and receptionist support for Department. Type; file; answer telephone; handle incoming and outgoing mail; provide gift information from individual donors records; order office supplies. Other clerical duties as assigned.

**Requirements:** High School Diploma or equivalent. Some related office experience. Good telephone techniques. Strong interpersonal and organizational skills. PC or CRT experience preferred. Ability to work independently, handle large volume of work and a variety of duties. Light typing.

**Secretary, GR17 (C7512)**  
**Residence Life-Endowed**  
**Minimum Biweekly Salary: \$495.36**

Bookkeeping; maintain files; distribution of student mail; run duplicating and photocopying machine; type; deal with summer conference groups.

**Requirements:** High School Diploma or equivalent. Some clerical work experience desired. Excellent interpersonal skills and work well with students and public. Ability to work independently and through distractions. Light typing.

**Receptionist, GR17 (C7405)**  
**Center for International Studies-Endowed**  
**Minimum Biweekly Salary: \$495.36**

Provide receptionist and clerical support to the Center. Greet visitors; answer inquiries (in person and telephone); schedule meetings; handle calendars for the Director and Executive Director. Other duties as assigned.

**Requirements:** High School diploma or equivalent. 1 year related experience with secretarial skills. Ability to type and operate a personal computer to include use of software packages for word processing, mail and calendar system. Medium typing.

**Sales Assistant, GR17 (C7217)**  
**Laboratory of Ornithology-Endowed**  
**Minimum Biweekly Salary: \$495.36**

Provide clerical and retail support for Crow's Nest Bookshop. Act as receptionist, sales assistant, operate cash register and perform data entry for Bookshop information. Other duties as assigned.

**Requirements:** High School diploma or equivalent. Prior retail background desired. Able to operate cash register or willingness to learn. Experience with computers needed. Cash handling. Some knowledge or interest in birds helpful. Ability to deal well with the public and work under pressure essential. Medium typing. Send cover letter and resume to Esther Smith.

**Secretary, GR18 (C7515)**  
**Agronomy-Statutory**  
**Minimum Biweekly Salary: \$513.94**

Typing class and research material, correspondence, manuscripts and travel vouchers; make travel arrangements; telephone handling and other related secretarial duties for five professors and three other professionals.

**Requirements:** High School diploma or equivalent. Some secretarial school or equivalent in training. Minimum 1-2 years related experience. Familiarity with Macintosh computer with Microsoft Word Desirable. Heavy Typing.

**Office Assistant, GR18 (C7510)**  
**Campus Store-Endowed**  
**Minimum Biweekly Salary: \$513.94**

Record all incoming books for Tradebook department, into a computerized system for inventory; process paperwork, (e.g. invoices, purchase orders, etc.); Prepare merchandise for mailing or sales floor presentation; maintain inventory through data entry. Take periodic physical inventory of stock. 9am -6pm Monday through Friday, some week-ends. Flexible hours.

**Requirements:** High School diploma or equivalent. 1-2 years retail experience required, preferably with books. Data entry experience essential. Ability to learn a menu driven system essential. Excellent communication, interpersonal and organizational skills.

**Secretary, GR18 (C7518)**  
**State Programs Office-Endowed**  
**Minimum Biweekly Salary: \$513.94**

Provide secretarial and receptionist support to the Director, Assistant Director, and other State Programs staff. Assist and interact with approximately 250 Program students, providing them with information and direction regarding campus wide support services.

**Requirements:** High School Diploma or equivalent. Ability to communicate and work effectively with diverse population. Minimum 1-2 years related experience. Required experience with microcomputers and word-processing. Medium typing.

**Senior Records Assistant, GR18 (C7509)**  
**Catalog Management-Endowed**  
**Minimum Biweekly Salary: \$513.94**

Responsible for the retrospective conversion of catalog copy including searching, deriving, and tagging machine-readable records in various on-line databases; revises and

updates machine-readable records and shelf list cards. Full-time Regular 39 hours per week until 6-30-90.

**Requirements:** Some college coursework or equivalent. At least 1 year related experience. Working knowledge of the NOTIS and RLIN cataloging systems and the US MARC Format for Bibliographic Data desirable. Medium Typing.

**Office Assistant, GR18 (C7511)**  
**Laboratory of Ornithology-Endowed**  
**Minimum Biweekly Salary: \$513.94**

Process membership renewals; update records, and handle renewal correspondence. Work with other staff in maintaining a smooth-running solicitation and renewal program for 10,000 -20,000 members; work with the business office in preparation of all membership renewal and new member income deposits; assist lab members in an efficient positive manner. Medium Typing.

**Requirements:** High School diploma or equivalent required. Some college coursework desired. Minimum 1 year related office experience. Accurate typing and data entry skills. Familiarity with office computer systems, specifically IBM's System 36. Good organizational skills. Sincere interest in promoting the goals of the Laboratory of Ornithology.

**Receptionist/Office Assistant, GR18 (C7403)**  
**Computer Science-Endowed**  
**Minimum Biweekly Salary: \$513.94**

Under general supervision, serve as information resource for department and staff and visitors and provide secretarial and clerical support to the administrative office. Greet and direct visitors. Answer telephone; handle mail; type and proofread correspondence.

**Requirements:** High School diploma or equivalent. Minimum 1-2 years related experience. Good typing and ability to learn word processing. Excellent communication skills. Attention to detail. Ability to set priorities and interact pleasantly with diverse group. Medium typing.

**Secretary, GR18 (C7411)**  
**Vegetable Crops-Statutory**  
**Minimum Biweekly Salary: \$513.94**

Provide secretarial support for 5 professors (1 emeritus); type and file correspondence, scientific publications, manuscripts and department newsletter; prepare class materials; schedule travel arrangements and meetings; responsible for Library; act as receptionist to faculty group; provide telephone back-up for other secretaries.

**Requirements:** High School diploma or equivalent. Minimum 1 year secretarial experience. Business/secretarial school desirable. Experience with IBM/PC (or similar) computers for wordprocessing utilizing Wordperfect is essential. Aptitude for detail, ability to set priorities, and able to work well under pressure. Heavy typing.

**Editorial Assistant, GR18 (C7003)**  
**University Press-Endowed**  
**Minimum Biweekly Salary: \$513.94**

Act as assistant to acquisitions editors. Responsible for acquisition, development and maintenance of several lists of scholarly books; perform office duties of typing, filing, follow-up; extensive phone contact with authors, readers and other departments of the Press.

**Requirements:** High School diploma or equivalent. Associate's or equivalent preferred. Prior experience with book publishing helpful. Heavy typing. Send cover letter and resume to Esther Smith.

**Administrative Aide, GR19 (C7501)**  
**Information Technology-Endowed**  
**Minimum Biweekly Salary: \$535.78**

Under general supervision, provide administrative support to the Director and Division of CIT Services. Responsibilities include administrative, clerical, personnel/payroll, and accounting support including working with highly confidential material. Medium typing.

**Requirements:** High School diploma or equivalent. Some college coursework preferred. 2 years experience preferably at Cornell. Excellent communication, interpersonal and organizational skills. Experience in using microcomputer necessary and MacIntosh software (WORD, Excel, and FileMaker) a plus. Confidentiality essential.

**Administrative Aide, GR19 (C7502)**  
**Information Technology/Workstation Resources-Endowed**  
**Minimum Biweekly Salary: \$535.78**

Under general supervision, the primary function is to provide administrative support to the Director and the Division of CIT Workstation Resources. Responsibilities include administrative, clerical, personnel/payroll, and accounting support including working with highly confidential material. Medium typing.

**Requirements:** High School diploma or equivalent. Some college coursework preferred. Minimum 2 years experience preferably at Cornell. Excellent communication, interpersonal and organizational skills. Experience using microcomputer necessary and MacIntosh software (WORD, Excel, abd Filemaker) a plus. Confidentiality essential.

**Administrative Aide, GR19 (C7516)**  
**Undergraduate Admissions-Endowed**  
**Minimum Biweekly Salary: \$535.78**

Provide secretarial and clerical support to the Southeast Regional Coordinator and Assistant Director of Admissions. Responsibilities include routine correspondence; maintain files and accounts, prepare vouchers; prepare and type statistical reports; assist in budget preparation; facilitate folder flow to and from committees. Medium typing.

**Requirements:** High School diploma or equivalent; business or secretarial school desirable. Minimum 1-3 years related experience. Wordprocessing and computer skills. Knowledge of Cornell helpful. Excellent organizational, interpersonal and communicational skills.

**Editorial Assistant, GR19 (C7406)**  
**Division of Nutritional Sciences/CFNPP-Statutory**  
**Minimum Biweekly Salary: \$535.78**

Editing, word processing, and desktop publishing of all manuscripts produced in Ithaca office.

**Requirements:** High School diploma or equivalent. Associate's strongly desired. Minimum 1-2 years related experience desired. Excellent knowledge of Wordperfect and strong computer background. Excellent communication (written), editing and proofreading skills. Understanding of technical terms and issues pertaining to nutrition and economic analysis. Written knowledge of Spanish or French helpful. Heavy typing. Send cover letter and resume to Esther Smith.

**Secretary/Staff Assistant, GR19 (C7407)**  
**Career Center-Endowed**  
**Minimum Biweekly Salary: \$535.78**

Provide all administrative and secretarial support for two career advisors in the area of Arts and Sciences and preprofessional advising, including job hunting workshops; alumni programs; Graduate School Days; booklets and special publications.

**Requirements:** High School diploma or equivalent. Associate's or equivalent desired. Minimum 2 years related office experience. Excellent organizational skills and attention to detail. Prefer computer skills, i.e., word processing. Medium typing.

**Assistant Tradebook Buyer, GR19 (C7201)**  
**Campus Store-Endowed**  
**Minimum Biweekly Salary: \$535.78**

Under general supervision, assist Senior Tradebook Buyer and Book Department Assistant Director in ordering new and backlist titles in both popular and academic subjects. Expedite orders requiring special handling; provide direct customer service on the sales floor. Also, assist in floor display and shelf maintenance. Some weekends.

**Requirements:** Associate's or equivalent combination of education and experience preferred. Strong humanities background preferred. Extensive bookselling and customer service experience needed. Good communication, interpersonal and organizational skills essential. Some supervisory experience helpful. Send cover letter and resume to Esther Smith.

**Maitre'd, GR20 (C7401)**  
**Statler Hotel-Endowed**  
**Minimum Biweekly Salary: \$558.78**

Assist Banquet Manager in scheduling, coordinating and managing the waitstaff to insure that proper etiquette and service is maintained for all banquets. Hours flexible; includes nights and weekends.

**Requirements:** High School diploma or equivalent required. Associate's or equivalent preferred in restaurant management. Minimum 2-3 years in similar position.

**Administrative Aide, GR20 (C7414)**  
**College of Arts and Sciences-Endowed**  
**Minimum Biweekly Salary: \$558.78**

Provide administrative and clerical support to non-academic administration unit of the College. Organize schedules; track accounts and projects; type, edit and proof reports, correspondence, etc.; handle mail, phones and appointments.

**Requirements:** Associate's or equivalent; minimum 1-2 years related office experience. Some accounting experience, preferably with Cornell accounts. Knowledge of Lotus 123 and Wordperfect. Excellent organizational and interpersonal skills. Medium typing.

**Copy Prep Specialist, GR20 (C7221)**  
**Campus Services-Endowed**  
**Minimum Biweekly Salary: \$558.78**

Serve as operator for Linotronic 300 and related equipment to set type and merge graphics and text to create photo-ready copy; communicate with customers regarding matters related to electronic comp. process; design simple page layouts using Macintosh based software hardware. Traditional paste-up.

**Requirements:** High School diploma or equivalent. Associate's in commercial arts or design strongly desired. Minimum 2 years related experience, e.g.; Macintosh and traditional paste-up. Will train on Linotronic 300. Must have type setting experience. Medium typing. Send cover letter and resume to Esther Smith.

**Administrative Aide, GR20 (C7102)**  
**Johnson Museum-Endowed**  
**Minimum Biweekly Salary: \$558.78**

Provide administrative and secretarial support for museum's curatorial staff. Assist in all aspects of the daily and long-range operations for the department, including administration, collections management, and exhibitions.

**Requirements:** Associate's or equivalent, or previous museum administration experience required. Minimum 2 years related experience. Prior knowledge of museum work and some art history background helpful. Superior typing, editing, and organizational skills essential. Excellent interpersonal skills. Ability to initiate and prioritize projects with minimum supervision and work under pressure. Supervisory skills necessary. Medium typing. Send cover letter and resume to Esther Smith.

**Administrative Aide, GR20 (C5812)**  
**University Development-Endowed**  
**Minimum Biweekly Salary: \$558.78**

Assist the Associate Director of the Cornell Fund by providing administrative support and coordinating operational and logistical support among the regional, college, public affairs and central annual fund offices. Manage work-flow; research and prepare complex gift and profile reports; prioritize and prepare all incoming and outpooing correspondence; draft correspondence; coordinate mass mail, printing, and word processing. Handle confidential correspondence.

**Requirements:** Associate's or equivalent. Minimum 2-3 years related experience. Excellent organizational, communications and interpersonal skills. Ability to handle confidential information. Ability to prioritize assignments and work under pressure. Experience in office management and computers. Knowledge of Cornell desirable. Medium typing

**Accounts Coordinator, GR21 (C7517)**  
**Controller's/Accounting-Endowed**  
**Minimum Biweekly Salary: \$582.29**



**Act** as assistant to Senior Accountant for Endowment, Investment and Banking. Responsible for reconciling six major university bank accounts and two subsidiary accounts, liaison and reviewer for approximately 38 departmental bank account reconciliations. **Requirements:** Associate's or equivalent in Business Administration or Banking and Finance. Working knowledge of personal computers. Strong logic and organizational skills. Accuracy and ability to work independently and efficiently is essential. Good communication, verbal and written skills are needed. Minimum 2-3 years accounting/bookkeeping experience helpful.

**Accounts Assistant, GR21 (C7514)**  
**Diagnostic Laboratory-Statutory**  
**Minimum Biweekly Salary: \$582.29**  
Responsible for computer-based accounts receivable system, billings, collections and all related record keeping and trouble shooting. Also grant accounting and inventory management, system development and implementation of new policies and procedures. Light typing. **Requirements:** Associate's degree in accounting or business administration or equivalent. Minimum 2-3 years related experience. Must be experienced user of spreadsheet and word processing software. Good communication, oral/written skills essential. Some knowledge of Cornell accounting system and/or basic medical terminology helpful.

**Circulation Reserve Supervisor, GR21 (C7404)**  
**School of Hotel Administration-Endowed**  
**Minimum Biweekly Salary: \$582.29**  
Under general supervision of the Library Director, responsible for daily library operations. Manage circulation and reserve operations; general library administration and facility management; process reserve material; supervise 1-2 full-time employees and 20-25 part-time student assistants. **Requirements:** Associate's or equivalent. Bachelor's or equivalent preferred. 2-3 years related experience including computer use. Supervisory experience desirable. Previous library experience highly desirable. Strong interpersonal, organizational and communication skills essential. Light typing.

**Secretary, GR21 (C7413)**  
**Director's Office, Division of Biological Science-Endowed**  
**Minimum Biweekly Salary: \$582.29**  
Manage the daily activities of the Director's office and provide staff assistance to the Director, the Assistant to the Director and programs of the Division. **Requirements:** Associate's or equivalent. Minimum 2 years related office experience. Excellent secretarial, organizational, interpersonal and communication skills (both written and oral). Ability to set priorities, work independently and experience with computers essential. Experience with Cornell personnel and accounting systems desirable. Light typing.

**Office Systems Specialist I, GR21 (C7402)**  
**Mathematics-Endowed**  
**Minimum Biweekly Salary: \$582.29**  
Provide organizational and administrative support for a large academic department. Act as support staff training specialist and consultant in the areas of computer operations for word processing, relational databases, technical typing, and e-mail; provide original entry and editing of highly technical math manuscripts. **Requirements:** Associate's or equivalent plus additional training or education in the areas of human resources management, accounting, supervisory training, and computers. Strong knowledge of computerized systems (LaTeX, Emacs, networking). Leadership and training skills. Minimum 2-3 years related experience in an academic environment. Highly developed technical typing skills. Medium typing.

**Media Assistant, GR21 (C6805)**  
**Summer Session-Endowed**  
**Minimum Biweekly Salary: \$582.29**  
Under general supervision of the Division media manager, implement publicity and marketing projects for the Division. Use Apple Macintosh Pagemaker and Microsoft Word to create fliers, brochures, ads, forms and other printed material from first drafts to mechanicals. Monitor and record distribution. Handle other projects as assigned. **Requirements:** Associate's or equivalent. Bachelor's or equivalent preferred. Minimum 2-3 years experience in media-related field. Excellent organizational skills and ability to work independently. Proven writing and editorial skills. Knowledge of graphic design. Ability to work under pressure and meet deadlines. Experience with Apple Macintosh and especially with Pagemaker and Filemaker Plus software helpful. Ability to lift 40 pounds. Valid NYS driver's license. Send cover letter, resume, 2 short writing samples and 2 graphic design samples to Esther Smith.

**Accounts Coordinator, GR22 (C6505)**  
**Summer Session-Endowed**  
**Minimum Biweekly Salary: \$607.04**  
Provide extensive accounting and payroll support to the Division and to the director of finance. Supervise all Summer and Extramural Study accounts including processing deposits, reviewing and reconciling accounts; reviewing special program and professional program budgets; appoint and process payroll for approximately 700 faculty, TA's and staff; provide and maintain deposit databases; supervise accounts assistant. **Requirements:** Associate's in accounting or equivalent. Minimum 3-4 years experience. Excellent organizational, interpersonal, and communication skills required. Knowledge of Cornell accounting preferred. Experience with Lotus 123 required.

**Theatre Assistant, GR22 (C7017)**  
**Theatre Arts-Endowed**  
**Minimum Biweekly Salary: \$607.04**  
Alter, cut, pattern, stitch costumes for theatre productions. Coordinate laundering and maintenance of costumes; assist with craftwork and dyeing. Maintenance of costume shop

equipment. Seasonal position yearly to mid-May. Until May 1990. **Requirements:** Bachelor's or equivalent in theatre/costume construction preferred. Substantial experience with costume construction required. Knowledge of multiple areas of costuming including excellent stitching skills, patterning, cutting, alterations. Send cover letter and resume to Esther Smith.

## Office Professionals Part-Time

**CRT Operator, GR18 (C5123)**  
**Section of Ecology and Systematics-Statutory**  
**Minimum full-time equivalent: \$513.94**  
Responsible for accurate data entry of biological and geographic data into PC database. Also responsible for interpretation of complex data. 20 hours per week. Flexible. **Requirements:** High School diploma with college course work in biology, science, or natural history. 1 year prior experience in data entry using IBM-compatible personal computer. Medium typing. Send cover letter and resume to Esther L. Smith.

**Stacks Assistant, GR16 (C7408)**  
**Olin Library-Access Services (CUL)-Endowed**  
**Minimum full-time equivalent: \$477.46**  
Shift and move books in stacks; primary duties are to prepare existing and new areas of the collection for the additional shelving areas that are to be added to Olin Library. 20 hours per week. **Requirements:** High School diploma or equivalent. Able to lift up to 50 pounds. Strong organizational skills. Attention to detail.

**Office Assistant, GR16 (C6905)**  
**Johnson Museum-Endowed**  
**Minimum full-time equivalent: \$477.46**  
Operate museum reception desk in lobby. Provide information to visitors; sell cards, catalogues, and posters; answer telephone switchboard; take accurate messages for staff members; relay accurate information to weekend supervisor; provide security for museum lobby; and available to work special events during evening hours. Saturday and Sunday 8:45 a.m.-5 p.m. plus some evening hours. **Requirements:** High School diploma or equivalent. Previous receptionist experience desirable. Interests and involvement in art or related areas highly preferred, as well as familiarity with the Ithaca community. Send cover letter and resume to Esther Smith.

**Office Assistant, GR17 (C7216)**  
**Music-Endowed**  
**Minimum full-time equivalent: \$467.98**  
Stage manager for Barnes Auditorium. Train and supervise student ushers; coordinate tuning and moving of department instruments; setup department events (classrooms and auditorium); prepare monthly calendar of events for distribution; arrange for concert recordings. Light typing. 20 hours/week; 10 regular days/10 irregular evenings. 9.5 months appointment/year **Requirements:** Music interest helpful but not necessary. High School diploma or equivalent. Knowledge of music and musicianship. Excellent public relations skills. Experience in a concert giving environment and knowledge of related practices, including recording concerts. Good decision making ability. Send cover letter and resume to Esther Smith.

**Office Assistant, GR17 (C7213)**  
**East Asia Program (Asian Studies)-Endowed**  
**Minimum full-time equivalent: \$495.36**  
Provide secretarial support to the East Asia Program's Executive Staff Assistant and Administrative Aide. Take charge of the Program's weekly faculty luncheons. Monday-Friday, 4 hours per day. Hours flexible. **Requirements:** High School diploma or equivalent. General office skills. Knowledge of IBM computers and wordperfect. Light typing. Send cover letter and resume to Esther Smith.

**Office Assistant, GR15 (C7206)**  
**Veterinary Medical Teaching Hospital-Statutory**  
**Minimum full-time equivalent: \$460.20**  
Work with weekend hospital census package and other medical record computer programs; check in records from the Small Animal Clinic on a daily basis; file laboratory reports and record on a daily basis; pull medical charts for research; assist doctors in finding records and ready records for microfilm. Monday-Friday, 2 p.m.-6 p.m., Saturday, 8 a.m.-12 noon. Must be willing to work holidays. **Requirements:** High School diploma or equivalent. Good organizational, interpersonal and communication skills. Light typing. Send cover letter and resume to Esther Smith.

## Cornell Employment News

Published weekly except for one week each in January and November and two weeks in December by the Office of Equal Opportunity & the Office of Human Resources, Cornell University, 14853. Distributed free and available to staff and faculty at locations around the campus.

Mail service available US delivery third class mail at: \$9.00 for 3 months; \$15.00 for 6 months; or \$24.00 for 12 months. Make checks payable to Cornell University. Mail to 160 Day Hall, Cornell University, Ithaca, New York 14853.

**Editors:** Laurie Roberts, Carolyn McPherson  
**Page Layout:** Cheryl Seland/Cindy Fitzgerald  
**Photography:** Susan Boedicker, Chris Smith, Media Services, Photo Services, Publications

**Telephone:** Human Resources (607) 255-5226  
Office of Equal Opportunity (607) 255-3976

## Office Professionals Temporary

In addition to posted positions, temporary opportunities occur in many occupational areas, including secretarial, word processing, accounting, and office administration. All individuals are encouraged to apply; experienced applicants with a typing speed of 45-60 wpm, knowledge of IBM-PC Word Perfect software and MacIntosh word processing are in particular demand. Call Karen Raponi at (607) 255-2192 or 255-7422 for more information.

**Office Assistant (S7207)**  
**Clinical Sciences-Statutory**  
Data entry of information gathered in study of avian diseases. **Requirements:** High School diploma or equivalent. Data entry experience. Typing 60 wpm. Approximately 3 months, Monday-Friday.

**Temporary Office Assistant (S7407)**  
**University Council-Endowed**  
Computer processing of program registration information and meeting planning details as required. Data entry and manipulation of registration information; daily cash deposits; some meeting room reservation details; proofreading of program materials; final attendees list and statistics, final evaluation report. Other duties as assigned. **Requirements:** Data entry and some programming skills. Excellent proofreading, grammar and spelling skills, some conference or meeting planning experience helpful. Good organizational skills. Ability to work under pressure of multiple deadlines. Work flexible, extended hours. Until 10/28. Please send cover letter and resume to Karen Raponi.

**Temporary Office Assistant (S7501)**  
**University Council-Endowed**  
Implement all meeting planning details as directed by staff for three-day annual meeting event. Process registration information; daily cash deposits; proofreading of all program materials; prepare registration desk book, send confirmation forms; phone contact; contact speakers for AV requirements; gather information on campus activities; prepare final registration packets. Other duties as assigned. **Requirements:** Good organizational, proofreading, grammar and spelling skills. Some conference/meeting planning experience helpful. Ability to work under pressure and to work independently with assigned projects. Work flexible, extended hours. Until 10/28. Please send cover letter and resume to Karen Raponi.

## General Service

Submit a signed employment application and resume. Requests for referral and/or cover letters are not accepted from external candidates unless specified in the ad. Qualified applicants will be invited for a preliminary interview at our East Hill Plaza office.

**Custodian, SO02 (G7501)**  
**Buildings Care-Endowed**  
**Hiring Rate: \$6.00**  
Provide general custodial care of buildings and grounds in immediate vicinity of assigned area. Monday-Friday 3:30 p.m.-12 midnight; **Requirements:** Basic reading and writing skills. Able to operate a variety of heavy power equipment, lift 50 pounds and climb an 8 foot ladder.

**Custodian, SO02 (G7101)**  
**Buildings Care-Statutory**  
**Hiring Rate: \$6.00**  
Provide general custodial care of buildings and grounds in immediate vicinity of assigned area. **Requirements:** Basic reading and writing skills. Able to operate a variety of heavy power equipment, lift 50 pounds and climb an 8 foot ladder.

## General Service Temporary

**Temp. Materials Handler (S7502)**  
**Veterinary Administration-Statutory**  
**Hiring Rate: \$6.00**  
Receive materials for incineration and keep appropriate records. Assist with incinerator operations. Approx. 20 hours/week. Part-time temporary 2-6 months. **Requirements:** High School diploma or equivalent. Able to lift 50 pounds. Will be in contact with hazardous waste. Contact Karen Raponi - 607-255-2192.

In addition to posted positions, temporary opportunities frequently occur in custodial, food service, dish machine operation, material handling and other service areas. All individuals are encouraged to apply. Call Karen Raponi at (607) 255-2192 or 255-7422 for more information.

**Farmworkers (B6402)**

**Farm Services**

Perform a variety of duties: stack hay bails, operate farm tractor, some grounds maintenance; routine equipment maintenance. **Requirements:** High School diploma or equivalent. Some related experience preferred. Must be able to lift 75 pounds. Send application materials to Staffing Services, 160 Day Hall.

## Academic

**Sr. Extension Associate II, CA8**  
**NYSSILR, NYC, Institute of Women and Work.**  
Plan, coordinate and administer credit & noncredit education programs focusing on employment needs of working women. Conduct research resulting in publication and/or new programming. **Requirements:** Advanced degree equivalent experience in labor, women's studies, or related field. 5 years experience, developing, administering, or delivering training programs for adults. Send letter of application, resume, and names of three references by September 15, 1989 to Pam Strausser, Cornell ILR, Box 1000, Ithaca, NY 14851-0952.

**Sr. Extension Associate I, CA7**  
**NYSSILR, Division of Extension & Public Service.**  
Provide marketing, administrative and teaching support for ILR Extension computer lab. Instruct professional clients & upper level executives on the users of computers in human resources. **Requirements:** Bachelor's in related area required. Master's preferred. 2-5 years teaching experience with adult learners (with HR professionals a plus) preferred.