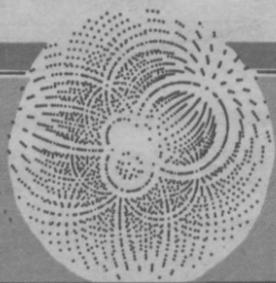


Cornell CHRONICLE

Volume 18 Number 4 September 18, 1986

3

Cold
medicine
at work



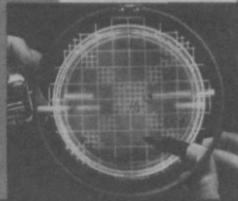
5

The classroom's
next to
Women's Wear



9

Freeze-
dried
bacteria



Karel Husa

Photo by Harvey Ferdtschneider

New York Philharmonic to introduce Husa's concerto

In the latest of a lifetime of musical honors for composer Karel Husa, the New York Philharmonic Orchestra will perform his Concerto for Orchestra for the first time on Thursday evening, Sept. 25, at the Avery Fisher Hall in Lincoln Center.

Zubin Mehta, the orchestra's music director, will conduct the concerto, which the Philharmonic Symphony Society commissioned. Cornell students know Husa as a professor of music and the conductor of the university orchestra since he was invited here from Paris in 1954.

Husa said that the concerto — which has four movements but is played without interruption — contains "demanding and incredibly challenging passages" which he was moved to write because "every member of a great orchestra such as the New York Philharmonic is a virtuoso artist."

Good modern music offers dramatic impact reflecting the context created by science and

Continued on page 5

Woodswoman Anne LaBastille: Hard at work saving the wilderness

It began like a cheap spy novel. An exchange of notes. Calls to a secret telephone number. An early-morning meeting behind a closed diner more than 20 miles into the Adirondack Mountains.

Photographs were taken. "I hope you didn't get the diner in the background, or people will know where we are," said Anne LaBastille, a woman on the run.

What is her crime? In a society that celebrates quaffing beer in crowded bars and reaching out to touch someone, Anne LaBastille likes to hug trees and take pre-breakfast swims in a lake. Alone.

There is nothing sinister about this 5-foot-4, 120-pound ecologist, writer and photographer whose hair, now as gray as it is blond, is pulled into pony tails behind her ears. She believes that the real crime is what

the modern age is doing to her trees, her lake, and her peace and quiet.

That is why Anne LaBastille runs. From South America to Scandinavia and across the United States, she has spent 20 years writing, lecturing, and fighting to preserve the environment and her privacy.

Her home is a red spruce log cabin she built herself, nestled in remote woods more than one mile from the nearest road and only 50 feet from the shore of an Adirondack lake. She won't say which lake, and the cabin — "my sanctuary" — is off-limits to all except her closest friends.

But since her 1976 book "Woodswoman" chronicled her first decade of wilderness living and turned her into a cult celebrity, five dozen people have found the fictional Black Bear Lake. The wilderness detectives usually

Robert Plane new director of Geneva agricultural station

Robert A. Plane, former president of Clarkson University and former provost at Cornell, has been named director of the New York State Agricultural Experiment Station at Geneva. The appointment is effective Nov. 1, 1986.

Plane succeeds Lamartine F. Hood, now the dean of the College of Agriculture at The Pennsylvania State University, and James E. Hunter, acting director of the Geneva station since March 1986. Hunter is a faculty member in the station's Department of Plant Pathology.

"We are particularly pleased to have someone of Bob Plane's caliber as a scientist and administrator in this important leadership position at the Geneva station," said David L. Call, dean of the College of Agriculture and Life Sciences.

As part of the college, the station conducts research on the production, protection, and

processing of fruits and vegetables. It is the site of the U.S. Department of Agriculture's National Clonal Germplasm Repository, a living library of apple and grape genes for plant breeders and biotechnologists.

Plane, the station's 12th director, will be responsible for research in laboratories and on more than 700 acres of farm land, and extension programs with the fruit and vegetable processing industry. In addition, he will be responsible for the station's laboratories at Highland in the Hudson Valley, and at Fredonia along Lake Erie.

Plane, who headed the Potsdam, N.Y., university for a decade, retired in 1984 and began devoting more time to his family's business — Plane's Cayuga Vineyard north of Ithaca.

Under Plane's leadership, Clarkson was

Continued on page 2

Gifts to Cornell set record with 24% jump to \$114 million

Gifts to Cornell reached records levels during 1985-86 for the fourth consecutive year, university officials reported this week.

Gifts received totaled \$114.23 million, up \$22.37 million or 24 percent over the previous year, President Frank Rhodes said.

"We are encouraged and gratified by the significant increase in private support, so vital to the continued excellence of the university's instructional and research programs," Rhodes said.

"From scholarships and state-of-the-art research equipment to new and renovated laboratories, classrooms and athletic facilities, these funds —generously given by alumni, friends, private foundations and corporations — will enhance Cornell's ability to provide education and research of the highest quality as we approach the 21st century. I thank all Cornellians who volunteered their time and gave so generously to support our students and faculty."

About 89 percent of the gifts received last year were given by donors who asked that their funds be used on specified projects.

"Most of these restricted dollars were targeted by donors to specific programs of high priority as determined by the president, deans, directors and faculty," Robert Barker, university provost, said. "It is important to understand that these funds are not available for broader university purposes."

Alumni gave the most last year, \$43.5 million, up \$18.2 million or 68 percent from 1984-85, Carol O'Brien, director of university development, said.

University friends gave \$23.8 million, bringing gifts from individuals to an all-time high of \$67.3 million, up \$15 million from the previous year.

"Cornell is extraordinarily fortunate to have a remarkably loyal group of alumni and

Continued on page 9



Continued on page 4

Notable



Max Black, Susan Linn Sage Professor of Philosophy and Human Letters, emeritus, will be a visiting fellow at Wolfson College, Oxford University, Oct. 3 through Dec. 3.

It will be the fourth time that Black, who is 77, has been a visiting fellow at Oxford. He is a world-recognized authority on the philosophy of language, on logic, and on the philosophy of mathematics and science.

Black has written more than 225 publications, including 10 original books and 12 others which he has translated or edited. His work has been translated into French, German, Italian, Spanish, Hebrew, Japanese and Greek.

His first book, "The Nature of Mathematics," published in 1933, is a standard work still in print. His latest book, "The Prevalence of Humbug and Other Essays," published in 1983, deals with reason and is aimed at both the general reader and the professional philosopher.

While in Europe, Black will attend the annual meeting in Paris of the International Institute of Philosophy, of which he is honorary president. He is one of only two Americans elected president of the organization in its 50-year history.

Born in Russia and educated in England, Black joined the Cornell faculty in 1946. Although he was named a professor emeritus in 1977, he has remained active in his field and is currently a member of Cornell's Program on Science Technology and Society.

Donald W. Roberts, a pathologist at Boyce Thompson Institute, has been nominated by the Eastern Branch of the Entomological Society of America for the society's CIBA-GEIGY Recognition Award. Roberts' major research interests involve fungi that prey on insects, fungal toxins and the use of microbes to control insect pests. He is president-elect of the Society for Invertebrate Pathology.

The controller's office has two new staff members. **William D. Gilligan**, assistant to the controller, is a 1974 graduate of the College of Arts and Sciences and a 1976 graduate of the Johnson Graduate School of Management. He is former public health administrator for the Tompkins County Health Department.

James L. Bowen Jr., a cost analyst, earned a bachelor of science degree in 1971, a master of engineering degree in 1978 and a master of business administration in 1983, all from Cornell. He was design services manager for NCR Corp. before joining the staff of the controller's office.

Governor Mario M. Cuomo has appointed **Walter R. Lynn**, director of Cornell's Program on Science, Technology and Society, to the New York State Water Resources Planning Council. Lynn also was designated chair of the council; his appointment is through January 1990.

Lynn, a professor of civil and environmental engineering and an adjunct professor of public health at the Cornell University Medical College, is former chairman of the National Research Council Board on Water Science and Technology and serves as a member of the board. He is also the associate editor of the Journal of Environmental Economics and Management.

The Water Resources Planning Council was created to determine whether the state-wide water resources management strategy should be approved with modifications or disapproved. Members of the council receive no salary.

Army Capt. Vicki A. O'Meara Masterman, 1979 graduate of Cornell, is among 11 White House Fellows appointed for 1986-87.

The fellows work for one year as special assistants to the vice president, members of the cabinet or the president's principal staff.

Masterman, a graduate of Cornell's ROTC program, holds a law degree (1982) from Northwestern University. Most recently she has served as an assistant to the Army general counsel and as part of her duties has represented the Secretary to the Army in environmental litigation. She will be leaving military service in October, Barr said.

Masterman was selected from 585 applicants nationwide. The other 10 White House Fellows include four Army majors and six civilians, three of them women.

Michael L. Whalen has been named the university's budget director. He replaces John Lambert, now an assistant dean in the College of Veterinary Medicine, and Maureen Sayles, who served as acting budget director until her departure in mid-July.

Whalen, a 1969 graduate of the College of Agriculture and Life Sciences, has been with Cornell in various positions since 1976, most recently as budget administrator since leaving his post as director of administrative operations in the College of Architecture, Art, and Planning.

Frank W. Wise, a doctoral candidate in applied physics, has received one of four 1986 Newport Research Awards worth \$12,000 each. The awards are funded by Newport Corp. of Fountain Valley, Calif., a manufacturer of components for the laser and electro-optics industry, and administered by the Optical Society of America. They include an \$8,000 stipend and \$4,000 for the academic department supervising the students' research.

Wise is studying ultrafast electron energy loss in semiconductors. A native of Chicago, he graduated from Princeton University in 1980 with a B.S. degree in physics. He earned an M.S. degree from the University of California in 1981.



cuinfo

Student telephone numbers now available on Cuinfo

McCormick named judicial administrator

Thomas J. McCormick, a staff attorney the past three years with the public defender office in Salt Lake City, Utah, has been appointed judicial administrator at Cornell for a two-year term.

As J.A., McCormick assumes the key role in administering the university's judicial system. His main responsibilities are to process and hear complaints on violations of the university's Campus Code of Conduct committed by members of the Cornell community.

He was named to the full-time paid position by President Frank Rhodes based on the recommendation of a five-member search

committee of faculty, students and staff. Two of the members were appointed by the President and three by the University Assembly. J.A. appointments are made with the concurrence of the Assembly.

McCormick, a 1982 graduate of the University of Utah College of Law, succeeds Rosanne Mayer, acting J.A. since January 1985. He earned a B.S. in zoology from Pennsylvania State University in 1974 and has done graduate work in philosophy at Penn State. McCormick arrived on campus Aug. 25.

Briefs



Ellis Hollow dog owners warned: Dog owners in the Ellis Hollow area are warned by officials in the College of Veterinary Medicine that animals attacking sheep in college pastures are violating the leash law and can be detained or destroyed without notice.

Several sheep in a pasture at the intersection of Ellis Hollow Creek and Turkey Hill roads have been killed in past weeks, said Fred Quimby, director of Cornell's Center for Research Animal Resources.

College personnel saw domestic dogs running loose in the area, but were unable to identify the owners. The county sheriff's office has been alerted, and peace officers are authorized to kill dogs in the act of harassing sheep or other livestock under provisions of a state agriculture and markets law.

Owners of seemingly harmless dogs may not know their pets can become killers when running with other dogs, says Lorraine Bard, dog control officer for the town of Dryden.

Safety Shoemobile, Sept. 22: The Lehigh Safety Shoemobile will be on campus Sept. 22 at Lynah Rink, S.E. corner from 9 a.m. to 12:30 p.m. and from 1:30 p.m. to 3 p.m. To receive the departmental reimbursement for safety shoes, an L-order using Lehigh Safety Shoe Co. as the vendor, with an authorized signature, should be presented at the shoemobile. For further information, call Alex McCord, 255-3741.

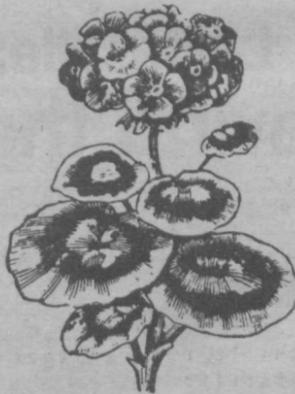
English as a second language: A six-week, noncredit course will be offered on campus starting Oct. 15 for visiting academicians who seek improvement in any basic English language skills, particularly speaking and listening comprehension.

All language-learning activities will be oriented toward what will be most useful to scholars during their stay here.

Classes will meet from 4:30 to 6:30 p.m. Monday through Thursday, Oct. 15 - Nov. 25. In addition to the eight hours of instruction, individual consultations will be available.

Program fee is \$40. Registrations due by 3:30 p.m. Oct. 14.

For registration information, contact Patricia Updike, B12 Ives Hall, 255-7259. For course content information, contact Mary K. Redmond, 323 Morrill Hall, 255-8288.



Scented Geranium Day: Visitors to Cornell Plantations Sept. 21 from 1 to 4 p.m. will have the opportunity to obtain cuttings from any of the several dozen varieties of geraniums grown in the Robison York State Herb Garden.

Talks will be given at 2 and 3 p.m. on the cultivation of scented geraniums and ways in which they can be used in jellies, teas, cakes

and potpourris.

A \$2 donation is requested of non-members. Fees will be waived for members and for those who become members during the event. For more information or for information about the upcoming Mushroom Day in October, call 255-3020.

Forum on supported employment: The School of Industrial and Labor Relations' Human Services Administration Program held a forum on supported employment last month attended by 45 directors of rehabilitation facilities in New York and New Jersey and state government officials.

Supported employment is a strategy for placing people with severe disabilities in paid employment by offering them ongoing on-job training and support.

Among the speakers at the forum, developed and coordinated by Ronald B. House, director of the HSA program, were Paul Wehman of Virginia Commonwealth University, Robert McDaniel of the University of San Francisco, and Walter Chernish, director of the Eggleston Center in Norfolk, Va.

A follow-up conference on the economics of supported employment is planned for December in New York City.

Summer session proposals due Oct. 1: Department chairpersons and school directors have been asked to submit course proposals for the 1987 summer session by Oct. 1. The theme for next summer's courses will be "The Good Life." In addition to course descriptions, suggestions for lectures, seminars, concerts, films and other public events are welcome. Contact Mary K. Gloster, assistant to the dean, Division of Summer Session, Extramural Study and Related Programs, B12 Ives Hall, 255-4987.

Statler Luncheon Club opens: The One World Room of Anabel Taylor Hall is open to all Statler Club card holders. Luncheon will be served from 11:30 a.m. until 2 p.m., Monday through Friday.

Menu highlights include soups and chowders, fresh salads with entrees such as Seafood Etoufee and Wor Bar Stirfry. Club coffee and monthly complimentary dessert will be served in the Founder's Room at Anabel Taylor from 11 a.m. to 3 p.m.

During the Statler Inn's renovation, club cards are also being accepted in Entrepot, Martha's, Willard Straight, Hughes Dining, Balch Hall, The Red Bear, Sage Dining, Robert Purcell, Noyes Center and Risley.

Alumni expected Sept. 20: More than 1,000 alumni and friends of the College of Agriculture and Life Sciences are expected to converge on the campus for an alumni reunion Sept. 20.

CALS invites students and alumni to a round-up on the Ag Quad after Saturday's football game. Food, fun and frolicking are promised.

Obituaries

Jose Adrian

Jose Adrian, 38, of 700 Warren Road, associate director of admissions for the College of Arts and Sciences, died Sept. 5, at SUNY Health Science Center in Syracuse.

He was born in the Dominican Republic, received a bachelor's degree from SUC

Oneonta and a master's degree in political science from Cornell. Until his illness, he was also working on a doctorate in history here.

He is survived by his wife, Elsa Adrian of Ithaca; three daughters, Josele, Cathy and Janine Adrian, all of Ithaca; two nephews and one niece.

A memorial service will be held at Cornell at a later date.

Cornell CHRONICLE

EDITOR:
Carole Stone

CIRCULATION MANAGER:
Joanne Hanavan

Published 40 times a year, Cornell Chronicle is distributed free of charge to Cornell University faculty, students and staff by the University News Service. Mail subscriptions, \$25 per year; two-year subscriptions are \$45. Make checks payable to Cornell Chronicle and send to 110 Day Hall, Ithaca, N.Y. 14853-2801. 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, 110 Day Hall, Ithaca, N.Y. 14853-2801.

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

Meier is backed as architect for Arts College job

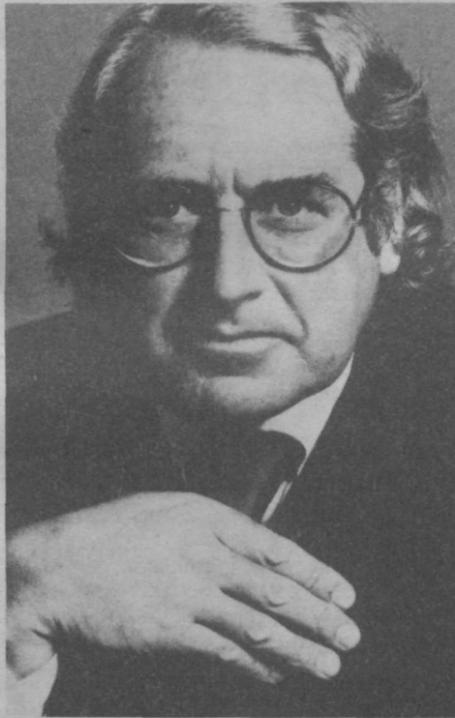
With the concurrence of the 25 members of the faculty, the College of Architecture, Art and Planning has recommended that alumnus Richard Meier design its new facilities.

At a meeting of the Board of Trustees' Building and Properties Committee on Sept. 4, Meier's firm also was authorized to provide conceptual design services for a proposed Alumni and Admissions Center on the northwest shore of Beebe Lake. The two complementary facilities would form a northern gateway to the campus.

Meier, recipient of the Pritzker Architecture Prize, also won the coveted commission to design the J. Paul Getty Museum and Arts Center in Malibu, Calif. The Cornell project represents a comparable challenge on the East Coast, according to Architecture Dean William G. McMinn.

"Unlike the usual campus commission involving a single building, here Richard could be responsible for a major section of a very traditional campus, creating a gateway entrance that will enhance the image of the university," McMinn said.

The College of Architecture project involves doubling the space now available in the domed, turn-of-the-century Sibley Hall by adding art and architecture design studios and expanding library facilities to accommodate both an expanding collection of books and the new visual technologies. For exam-



Richard Meier

ple, the school's 300,000 color slides would be more accessible if transferred to video discs.

"Campuses are spaces defined by buildings," McMinn said. "Giving meaning to the spaces is critical to the quality of what a university is about. This is a challenge to which we believe Richard Meier will be equal."

Book tells food-service personnel how they can improve service

Help may be on the way for the growing millions of Americans who are eating out more frequently than ever and are dissatisfied with the service they receive.

A 175-page how-to manual titled "Quality Service: The Restaurant Manager's Bible" explains how food-service personnel can be trained and motivated "to interact more successfully with customers to insure that customers get the service they want."

The book was written by William B. Martin, a California-based consultant specializing in training and development in the food-service industry, and was published in May by the School of Hotel Administration.

Martin notes in his book that "the single biggest gripe of American restaurant customers, year after year, is service," which he calls "the Achilles' heel of the entire food-service industry."

His suggestions and techniques for developing quality service are related to the principle that "quality service is unobtrusive. It fits so

well with what customers want from their dining experience that they are hardly aware of its presence."

He says that the public makes the final judgment on a successful operation by its patronage, and although "owners, operators, and managers talk a lot about service (and may try to train their employees for it), they tend to put the bulk of their energies into other areas of the operation." He says that food quality, value, and atmosphere — or ambiance, as they say in the trade — consistently get much higher ratings in customer surveys than service.

Martin even involves customers in his training and motivating techniques while providing answers to the confusion that surrounds how much to tip.

He sets 15 percent or more of the bill as a tip rewarding excellent service, 14 to 12 percent for good service, 11 to 9 percent for fair service, and 8 percent or less for poor service. —Martin B. Stiles

Cornell scientist recalls dilemmas of an expert witness

Expert scientific witnesses who offer their opinions in court cases face more than hostile cross examination.

They must confront a troubling array of personal and professional dilemmas, according to one Cornell scientist who has spent time on the witness stand.

Thanks to expert scientific witnesses, the American legal system is more sensitive to human pain and suffering and ecological disaster, said James W. Gillett. But we may be heading for a "morass of legal pollution."

Gillett is a professor of ecotoxicology in the College of Agriculture and Life Sciences as well as director of the Cornell-based Institute for Comparative and Environmental Toxicology. He will relate his experiences and recommendations in a talk, "Dilemmas of an Expert Witness," during a conference here, Science and the Courts in Environmental Decision-Making, Oct. 11-12, to be held in Myron Taylor Hall.

The conference is organized by the Cornell Center for Environmental Research's Environmental Law and Policy Program, which is directed by Sheila Jasanoff.

Jasanoff, a lawyer and a Cornell associate professor of science, technology and society, calls science, technology and the law an "uneasy partnership."

"Courts are now handling a wide variety of controversies — the safety of new technologies, liability for harm caused by technological hazards, and the effectiveness of public controls over risks to public health and the environment," said Jasanoff.

"Judges are becoming almost as powerful as legislators in shaping policies affecting science and technology."

Science and the courts

Ten speakers will present papers on three general topics: the use of scientific evidence in the legal process, the implications of scientific uncertainty and the judicial role in environmental decisions, according to Neil Orloff, director of the Center for Environmental Research.

As a widely recognized authority and researcher on toxic substances' effects on the environment, Gillett is in frequent demand as an expert-witness for civil, criminal and administrative proceedings. Occasionally he agrees to testify — thus receiving compensation for his opinion — and that leads to one difficulty:

"Jurors sit on hard benches for \$20 to \$30 per day plus car fare and listen to hordes of incomprehensible experts present their best guesses about facts and theories," Gillett will tell the October conference. "They know that the expert is receiving 10 to 100 times their own pay as a fee."

Furthermore, one side in a court case may be able to bankroll dozens of expert witnesses, while another cannot afford even a consultant to evaluate the facts and testimony for cross-examination.

The acceptance of the expert's opinion as fact, the difficulties in identifying and obtaining experts and the opportunity for outright fraud are features of the present system that pose a question for Gillett and others: Are expert witnesses, paid by the parties, the best way to achieve fair hearings?

In some countries, the courts pay for expertise when it is needed, Gillett will note. "But despite the implicit difficulties in our institutional structure, the legal community and the general public still seem to favor our present system," he will say.

Among other questions the Cornell ecotoxicologist has raised:

- Will testimony against a company in a major lawsuit affect future support for research and students, or interfere with needed professional relationships?

- Should expert testimony represent the consensus of opinion in a given field, or just the individual's opinion?

- Will testimony that is given in good faith seem to indicate an improper professional relationship between the witness and industrial or public-interest groups?

- Might the outcome of a court case involving an environmental issue be further increases in liability insurance costs, or replacement of a relatively safe procedure with a less attractive one?

"In the end, it may be easier to manage chemicals and ecosystems than to resolve the dilemmas presented by expert witnesses," Gillett will say. "The creative tensions among the law, science and the public are part of the price we pay to make our system work."

A morass

"A generation ago, we were largely insensitive to human pain and suffering and to ecological disaster. The next generation may find us walking through a morass of legal pollution created by expert witnesses. By making a combination of educational, institutional and professional changes, however, we may maintain and extend the positive contributions of scientific expert witnesses in our nation's courts."

Gillett is encouraged by recently funded research on the ethical, political, social and economic issues of the expert-witness system.

"When I am sued for malpractice for misprogramming my computer and willfully assuming erroneous features of my model ecosystems, my lawyers can solicit an expert on expert witnesses — for a reasonable fee, of course."

— Roger Segelken

The bug stops here: X-ray studies show cold drugs at work

X-ray studies made at CHESS, the Cornell High Energy Synchrotron Source, have led Purdue University researchers to the site on a common-cold virus where experimental drugs fight the spread of infection.

The Purdue study provides the first glimpse of how anti-viral agents work within the structure of a virus, and eventually could result in better medical treatment of the common cold.

Success in locating the front lines in a virus-fighting drug's battle against a cold bug will be reported in the Sept. 19 issue of the journal *Science*.

Anti-viral compounds can render a virus helpless by binding, or attaching, to a strategic location and preventing the virus from opening up to release infectious materials.

"By examining in detail the location where these compounds bind, scientists may be better able to target drugs against the virus structure," said Thomas J. Smith, one of the Purdue scientists in the project.

Mapping a virus

The three-dimensional virus map began with thousands of X-ray exposures made at CHESS with relatively brief exposures of one to two minutes, made possible because of the tremendous intensity of the X-ray beams.

Exposures by a conventional X-ray source, which uses a high-voltage vacuum tube, would have taken a day apiece. However, X-

ray exposure by the Cornell synchrotron, an accelerator machine that sends beams of electrons into a half-mile-long storage ring, is like using a powerful flash bulb instead of a candle, explained Boris W. Batterman, a professor of applied and engineering physics and the director of CHESS.

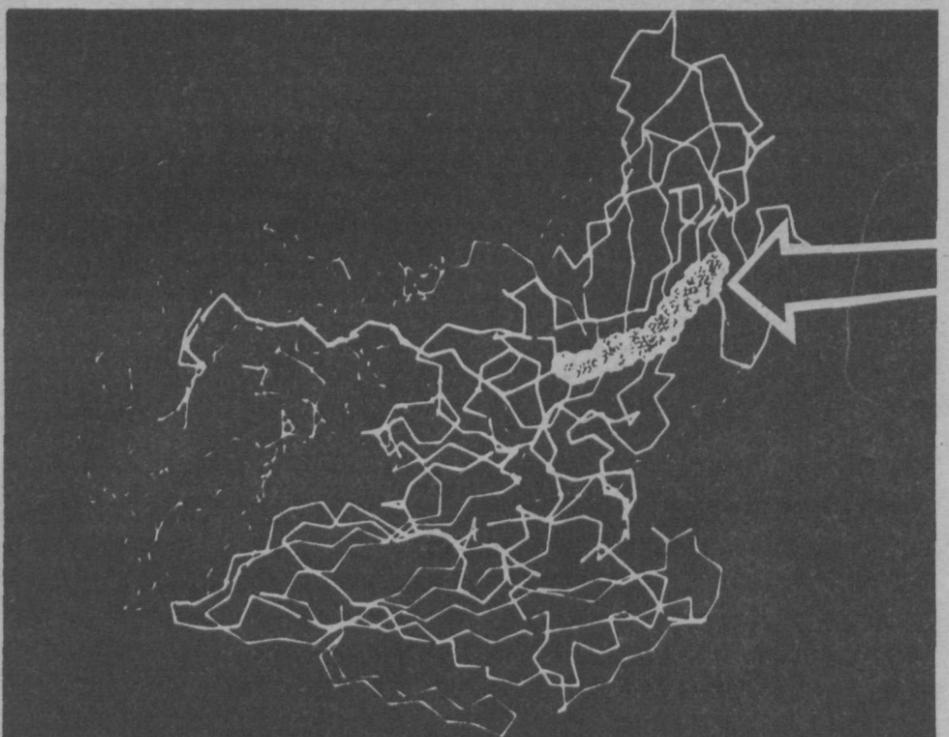
Mapping the structure of a living virus under attack by anti-viral drugs was accomplished by passing sharply focused X-ray beams through crystallized samples of the tiny virus.

X-ray diffraction, or light scattering, by the virus' crystalline structure produced information-filled patterns of dots.

Purdue researchers then fed millions of bits of X-ray diffraction information to a super-computer for analysis. That enabled them to create a computer graphics model of the cold virus and its anti-viral agent binding sites. They found binding sites on one of four types of proteins that intertwine to create the virus' 20-sided structure.

The Purdue researchers discovered that anti-viral compounds enter through pores in the virus and bury themselves inside structures described as amino acid "barrels." Amino acids are organic compounds that make up the living virus' shell.

"The compound alters the position of a



From data gathered at Cornell's X-ray diffraction facility, Purdue biologists produced this computer-generated model of a cold virus under attack by anti-viral compounds (arrow). Photo courtesy Purdue University.

Continued on page 11

Shames to make debut in Ithaca

Jonathan Shames, one of two Americans to reach the final round of the 1982 Moskau International Tchaikovsky Competition, will make his Ithaca debut in a free piano recital open to the public Sept. 19 at 8:15 p.m. in Barnes Hall.

Bach's Concerto in the Italian Style, BWV 971, and Schumann's Symphonic Etudes in the form of Variations, Op. 13, will comprise the first part of the program. Beethoven's Sonata No. 13 in E-flat Major, Op. 27, No. 1, will make up the second part.

Shames will finish his concert with Liszt's Reminiscences of Norma (Opera by Bellini).

A lecturer in piano in the Department of Music, Shames has also taught at Oberlin College. In 1984, he made his debut conducting from the keyboard in the Boston Opera's performance of Don Giovanni. The following year, he performed at the Phillips Collection, Cleveland and Toledo museums of art. He has also appeared as soloist and with orchestras in Chicago, St. Paul, Indianapolis, and Detroit.



Jonathan Shames

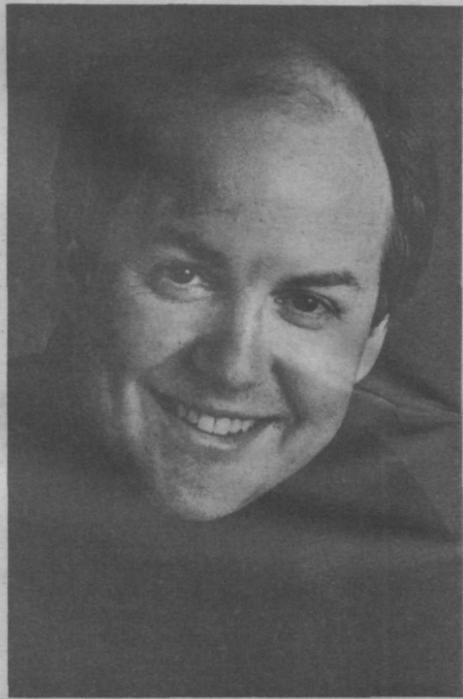
Bass, pianist plan concert Sept. 27

Myron Myers, bass, and Kenneth Merrill, piano, will give a free public recital in Barnes Hall Sept. 27 at 8:15 p.m.

The first part of the program will begin with Handel's "Dank sei Dir, Herr," and "Al lampo del armi," followed by songs written by Yeats but composed by Britten, Ireland and Gurney, "The Salley Gardens," and Brahms' songs, "Auf dem Kirchhofe," "Die Mainacht," "Das Maedchen," "Verrat," and "Wie froh und frisch," with texts by various poets.

The program's second part introduces texts by Joyce: "Goldenhair," composed by Bridge and Szymanowski, "The Noise of Water" and "Bright Cap," composed by Persichetti and Moeran.

Myers, a native of Washington, earned a B.A. degree in piano at Seattle University and an M.M. degree in voice at the University of Southern California. He has also studied in Vienna and in London, and he has performed both nationally and internationally.



Myron Myers

Woodswoman *Continued from page 1*

low of the Explorers' Club.

Her work takes her to Central America, Panama, the Caribbean, the rain forests of the Amazon Basin and elsewhere. She is a skilled user of canoes, motor boats, firearms, and chain saws. She is a winner of the World Wildlife Conservation Gold Medal and writes for Sierra, National Geographic, Audubon and other publications. A sequel to "Woodswoman," titled "Beyond Black Bear Lake," will be published in December.

"Even though it seems a scattered, frenetic existence, my activities and travels are directed at a much bigger goal: trying to save what natural resources we have," she said.

In Guatemala, where LaBastille was known as "Mama Poc" to the Mayan Indians, she tried to save the flightless pied-billed grebe from extinction. But development projects and political strife have helped drop the grebe population from 232 to only 50.

"I think it's doomed, but I'm willing to do everything I can until the last one is stuffed," LaBastille said.

Closer to home, she halted spraying for black flies at her lake, helped stop military jets from training above the lake, and persuasively lobbied the federal government to remove the six-million-acre Adirondack Park from its list of potential disposal sites for high-level radioactive wastes.

Acid rain alarms her. The fish in her lake and red spruces on her property are dying. While a half-dozen European nations have cut sulfur dioxide emissions significantly, the United States substitutes continuing studies for action, she complained.

"I'm not going to live to see my lake and trees like they were when I came here," LaBastille said. "I've done everything I could to bring the acid rain problem to people's attention."

She will, of course, keep trying. A woman who makes a career out of wilderness living is nothing if not stubborn. After she received her bachelor's degree, her employment applications were rejected by the conservation departments in every state. She went to graduate school.

"I hated school, being indoors," LaBastille said. When she enrolled at Cornell, she really wanted to be out West, learning to be a cowgirl.

"But Cornell had this wonderful Department of Natural Resources, and I was lured right in," LaBastille recalled. Her course work included studying birds, tracking mammals and cutting trees. She spent summers working in the Adirondacks.

"Cornell has perhaps the most liberal attitude toward women students of all the land grant and Ivy League universities in the United States," she once wrote. "The generally open and even-handed attitude of its professors fosters independence among the students."

"As an undergraduate at Cornell, the only deterrents I found were occasional chiding for wearing jeans . . . and the rigid and totally inequitable hours and dormitory regulations imposed on women students."

Today her only obvious concessions to stereotypical femininity are lipstick, eye liner and refusing to tell her age.

"I love this outdoor life and profession more than I ever did. I'm more enchanted than ever by the Adirondack Park," she said.

"I stand on my dock, and I have 100,000 acres of wilderness all around me to walk into."

There are lonely times, but "everybody experiences loneliness, no matter where they live," she added. "It's a human condition."

Her new book includes some familiar topics — descriptions of nature, stories about her German shepherds Condor and Chekika, some romance — but it's "more feisty and cynical" than "Woodswoman," LaBastille said. "I used to think I could get away, but it's impossible. No person can escape the high-tech world. The book is about the question, 'What can we do to maintain our peace, privacy and environmental balance?'"

Her answer: "Find a retreat — whether it's in your mind, Central Park or the woods — to preserve your sanity, but jump out from time to time and fight an intelligent skirmish to make the world a better place. You can't ever give up and crawl into a hole. I hope I'm getting tougher and tougher; everybody needs to today."

LaBastille's newest refuge is "a baby cabin" she calls "Thoreau II" that she built herself with \$138 in supplies. How close is it to her cabin home?

"I'm not telling," she said. "All I'll say is that there's no trail to it. You have to bushwack."

— Mark Eyerly

NY grape growers hard-pressed unless yields increase, says White

Eastern grape growers, many of whom already are selling their crop at prices below production cost, must increase their yield per acre or face going out of business, according to Jerry White, an associate professor of agricultural economics.

"That prescription . . . has been met with a great deal of skepticism," White admits. But "the grape industry . . . is going through a shake-out that will result in fewer and more efficient farms, perhaps fewer acres of grapes and probably lower prices."

More research is needed to improve production technology, White writes in the September/October issue of *Vineyard & Winery Management* magazine. "Improved marketing is not enough. New York's grape-growing industry, and that of other Eastern states, can attain economic well-being only if fundamental changes occur to make its yields more competitive with those of other regions."

Acreage may drop

New York State is second only to California as a producer of grapes and wines. White projects that the number of New York acres devoted to grape production may drop from 41,979 in 1980 to 31,000 in the year 2000. The number of farms could drop from 1,968 from 1,200, and the price per ton for wine grapes could fall from \$271 to \$200. The yield per acre, however, should jump

from 4 tons to 6.5 tons, he predicts. Only the growers who achieve this increased yield will be able to compensate for static prices and remain in business, he adds.

New York's major competitors are California for wine grapes and Washington state for juice grapes. White estimates that the typical cost of growing grapes in New York's Finger Lakes district is \$387 per ton for native variety wine grapes and \$281 per ton in the Great Lakes area for juice grapes.

These costs compare unfavorably with typical costs of \$263 per ton for California wine grapes and \$230 per ton for Washington's juice grapes. The reason: Western growers are producing approximately eight tons of grapes per acre compared with four to five tons per acre in New York.

"Typical California, Washington and New York growers are experiencing financial stress. Many, unfortunately, will be forced out of existence by the year 2000. The ones who survive will necessarily be more efficient," White writes.

This scenario "is not comforting because many will be pushed out by the competitiveness of the industry. But we cannot stop technological progress. If New York does not discover and implement new technology, Washington State or California or France will."

— Mark Eyerly



Anne LaBastille with her two nearly constant companions, Condor and Chekika.

CALS alumni to be honored

In addition to Anne LaBastille, four other outstanding alumni of the College of Agriculture and Life Sciences will be honored at a Sept. 19 banquet. They are:

H. Joseph Pendergast, '38, a livestock export specialist with the New York State Department of Agriculture and Markets and a former secretary/treasurer of the New York State Purebred Livestock Association.

William J. Hamilton Jr., '26, a former faculty member in the zoology and conservation departments and author of "American Mammals" and "The Mammals of the Eastern United States." He is a former president of the American Society of Mammalogists and the Ecological Society of America and a fellow of the American Association for the Advancement of Science.

Esther Schiff Bondareff, '37, a self-employed real estate broker and retired partner of a supermarket chain in the Washington, D.C. area, and founder and past president of the Cornell Women's Continuous Reunion Club.

Albert Lounsbury, '55, a retired 4-H agent and program leader, former district president of Cornell Cooperative Extension 4-H Agents, and a recipient of the Distinguished Service Award from the state and national 4-H agents associations.

Husa *Continued from page 1*

Photos by Harvey Ferdtschneider

energetic movement in contemporary life, Husa said.

"We cannot imitate what past musicians have done, because they have done it so perfectly," he said of classics composed over an earlier 150-year period but still dominant in the repertory. He recalled that Beethoven's dissonances were described by contemporaries as "sheer noise."

Husa came to the world of music by turning wartime adversity into golden opportunity. He was enrolled in engineering school when the Germans invaded his native Czechoslovakia and closed all the technical schools. Engineering was his parents' choice of a profession, not his. So he entered the Prague Conservatory of Music, was trained in composition and went on to conduct his Overture for Orchestra with the Prague Symphony.

Husa traveled to Paris to study composition with Arthur Honegger and conducting with Charles Munch. Five years after Cornell invited him to work in the United States, Husa became an American citizen, but his native land remained in his consciousness. Following the Soviet invasion of Czechoslovakia, he wrote the anguished *Music for Prague, 1968*. It has been performed around the world some 6,000 times. Erich Leinsdorf will conduct the Philadelphia Orchestra in a performance soon after the reopening of Carnegie Hall this winter.

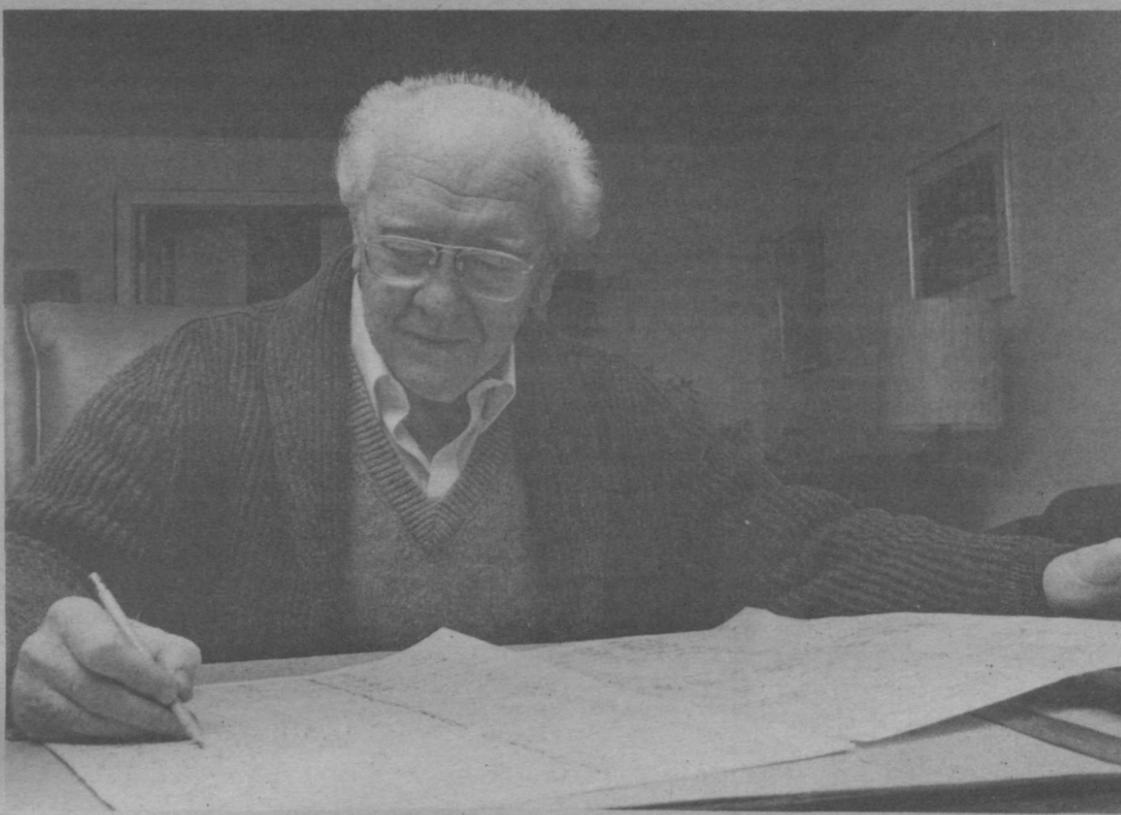
At a recent competition in Vienna, the Czech participants threatened to leave if an Austrian ensemble performed *Music for Prague, 1968*. The issue was bucked up to the mayor of the city, who determined there would be no change in the program. The Czechs stayed, and the Austrians won the competition.

Needless to say, Husa's work is not performed in Czechoslovakia. In fact, the regime there has made it virtually impossible for him to revisit his birthplace, including for the funerals of family members.

An enthusiastic American, Husa took a cue from his four children playing the game of license-plate spotting and became determined to conduct an orchestra in each of the 50 states. With dates in Delaware and Nebraska next spring, he will achieve this goal. Then he is off to conduct in Tokyo and Singapore. And he is writing a string quartet, an organ concerto and a new commission for the Chicago Symphony.

His students also have given him a feel for rock music, some of which he said is "not bad at all," adding that the instrumentation can be "exciting."

— Irv Chapman



Sibley's store in Eggertsville serves as program's campus

An array of innovative college programs has been developed in recent years as schools compete for students, but it still seems unusual to think of attending college classes in a local department store.

But the Sibley's store at Main Street and Eggert Road in the Buffalo suburb of Eggertsville will be the "campus" for a number of students this fall as the School of Industrial and Labor Relations begins a program intended for the "non-traditional" student — often the student who's bringing a few gray hairs to class and attending school on the side while working. Cornell expects most of the students will be 25 to 45 years old.

"It is a step further in making it convenient for working adults to go back to school,"

said Irene Seitz, coordinator of special programs at the school.

"People come here often because they have to go shopping anyway. They can fit the class easily in their day. And parking is convenient, too," Seitz added.

This fall's course, which began Sept. 15, will be held in the evening in the store's community room — next to the women's wear department.

The course — Effective Oral Communication — will help students build confidence in their speaking ability.

"The courses at Sibley's are mainly to give aspiring or new supervisors academic credentials," Seitz said. "We want to help them improve their management skills and the quality of their work life."

Next semester's scheduled Cornell class in Sibley's is *Writing on the Job*. It will begin Jan. 26. A student can get 1-1/2 college credits for completing each course.

Tuition and a registration fee are charged for the courses, but "almost 90 percent of the students are given financial aid by their employers," Seitz said. "The classes are designed to teach students things that will help them in their jobs, and the employers recognize that."

Based on a pilot program run by Cornell, she expects that many people who sign up for the undergraduate classes at Sibley's will not be college graduates. "Only 50 percent of our students have a two-year or four-year college diploma," she said.

"People do not have to apply for admis-

sion at Cornell, but all records and grades are forwarded to Ithaca, and formal transcripts can be obtained," she added.

The teachers at Cornell's "Sibley's campus" are "local people, and we hire the ones who have a work experience similar to the students," Seitz said.

"We were amazed at the turnout for the classes and workshops we had at the Boulevard Mall Sibley's last year," Seitz said. That success encouraged Cornell to plan more efforts in that direction.

She said Sibley's provides the classroom space free as a community service.

This story, written by Jose Lambiet, first appeared in the Buffalo News and is reprinted with permission.

Plane *Continued from page 1*

transformed from a college of technology to a university. In 1983, Clarkson gained national attention as the first college in the nation to issue personal computers to all incoming freshmen.

Plane's 22-year career at Cornell included researcher, professor, chemistry department chairman, faculty trustee and provost (1970-1974) under President Dale R. Corson.

His publications include "Chemistry," a general text co-authored with Michell J. Sienko, a professor of chemistry at Cornell

who died in 1983. The book first was published in 1957 and became the most widely used college chemistry text in the world.

Prior to joining the faculty in the College of Arts and Sciences in 1952, Plane was a research chemist at the Oak Ridge National Laboratory in Tennessee. He has been a fellow at Oxford and an NIH fellow at the Nobel Institute in Sweden, and was chairman of the board of trustees of the Commission on Independent Colleges and Universities, headquartered in Albany, N.Y.

Software development offered at CCS center

Cornell Computer Services has recently established a courseware development facility for faculty called the Mac Ed Center, funded in part by Apple Computer, Inc.

The purpose of the center is to provide support for faculty who are implementing or wish to implement the Macintosh in their curriculum.

The center will be managed by Chris Pelkie, an expert in Macintosh applications. Kate MacGregor, an expert in Macintosh programming, and one other full-time consultant/programmer will also provide assistance.

Apple has donated hardware and software for lending to qualified faculty who wish to develop instructional software. Application forms for an October, 1986-April, 1987 loan period are due by Sept. 24. For further information, call Chris Pelkie at 255-8321, Amy Christian at 255-8304, or drop by 401 Uris Hall for an application form.

Tom Hughes, assistant director of distributed computing services, will supervise the center, which falls under the aegis of CCS's division of Academic Computing.

CALENDAR

All items for publication in the Calendar section, except for seminar notices, should be submitted (typewritten, double spaced) by mail or in person to Fran Appar, Central Reservations, 531 Willard Straight Hall, who prepares the Calendar notices for these listings. She must receive the notices at least 10 days prior to publication. Items should include the name and telephone number of a person who can be called if there are questions, and also the subheading of the calendar in which it should appear (lectures, dance, music, etc.).

Seminars only should arrive at the Chronicle office, 110 Day Hall, no later than noon Thursday prior to publication.

All deadlines will be strictly enforced.

DANCE

Cornell Folkdancers

The Cornell Folkdancers will meet in the North Room of Willard Straight Hall on Sundays throughout September. Instruction from 7:30 to 8:30 followed by request dancing until 10:30 p.m. Free. Beginners welcome. No partners needed. For more information, call 257-3156 or 255-7149.

Beginner's Night

A program of instruction and demonstration for beginning folkdancers will be held from 7:30 to 9:30 p.m. Sept. 24 in the Memorial Room of Willard Straight Hall.

Israeli Folkdancing

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

EXHIBITS

Johnson Art Museum

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

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

"Frank Lloyd Wright and the Johnson Wax Buildings: Creating a Corporate Cathedral," Sept. 26 through Nov. 9.

Olin Library

American Anniversary — The Declaration of Independence, the political events that led up to it, the patriots who composed it, signed and fought for it, together with photographs of the Statue of Liberty will be exhibited through September. Monday through Friday from 8 a.m. to noon and 1 to 5 p.m.

Tjaden Hall Gallery

"Photographs & Cyanotypes by Laurie Sievert Snyder," through Sept. 20.

SEPTEMBER						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

FILMS

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

Friday 9/19

"Down and Out in Beverly Hills" (1986), directed by Paul Mazursky, with Nick Nolte, Richard Dreyfuss and Bette Midler. 7:30 p.m. *Statler.

"Smooth Talk" (1986), directed by Joyce Chopra, with Treat Williams and Laura Dern. 10:15 p.m. *Uris Hall Auditorium.

"Colonel Redl" (1985), directed by Istvan Szabo, with Klaus Maria Brandauer and Armin Muller-Stahl. 7:15 p.m. *Uris Hall Auditorium.

"Home of the Brave" (1986), directed by Laurie Anderson, with Laurie Anderson. 10 p.m. *Statler.

Saturday 9/20

"Down and Out in Beverly Hills" (1986), 9:15 p.m. *Statler.

"Smooth Talk" (1986), 7:30 p.m. *Uris Hall Auditorium.

"Colonel Redl" (1985), 9:30 p.m. *Uris Hall Auditorium.

"Home of the Brave" (1986), 7 p.m. *Statler.

Sunday 9/21

"Film Dance III," films by Maya Deren, Yvonne Rainer and others. 2 p.m. Johnson Museum.

"Yankee Doodle Dandy" (1942), directed by Michael Curtiz, with James Cagney and Walter Huston. 8 p.m. *Uris Hall Auditorium.

Monday 9/22

"Dodes Ka'Den" (1972), directed by Akira Kurosawa, with Yoshitaka Zushi. 8 p.m. *Uris Hall Auditorium.

Tuesday 9/23

"Dark Circle" (1982), directed by Chris Beaver and Judy Irving. Documentary. 8 p.m. *Uris Hall Auditorium.

"Burma: The Haunted Land." 4:30 p.m. Uris Library Media Center, Room 310. Sponsored by Southeast Asia Program.

"The Lorax," 7:30 p.m. One World Room, Anabel Taylor Hall. An environmental film sponsored by Eco-Justice.

Wednesday 9/24

"Pull My Daisy" (1959), directed by Robert Frank and Alfred Leslie, with Allen Ginsberg, narration by Jack Kerouac, shown with "Heart Beat" (1979), directed by John Byrum, with Nick Nolte and Sissy Spacek. 8 p.m. *Uris Hall Auditorium.

"Missing" (1981), directed by Constantin Costa-Gravas. Based on the true story of the disappearance of an American journalist in Chile during the coup that deposed the government of Salvatore Allende. 8 p.m. Anabel Taylor. Sponsored by CULSAR.

Friday 9/26

"19th International Tournee of Animation" (1986), collection of animated shorts. 8 p.m. *Anabel Taylor.

"Krush Groove" (1985), directed by Michael Schultz, with Sheila E., Fat Boys and Blair Underwood. Midnight. *Uris Hall Auditorium.

"Mishima" (1985), directed by Paul Schrader, with Ken Ogata and Mashayuki Shionoya. 7:15 p.m. *Uris Hall Auditorium.

"Crossroads" (1986), directed by Walter Hill, with Ralph Macchio, Joe Seneca and Jami Gertz. 9:45 p.m. *Uris Hall Auditorium. Co-sponsored with Willard Straight Arts Project.

Saturday 9/27

"19th International Tournee of Animation" (1986). 7 and 9:30 p.m. *Anabel Taylor.

"Krush Groove" (1985), midnight. *Uris Hall Auditorium.

"Mishima" (1985), 9:30 p.m. *Uris Hall Auditorium.

"Crossroads" (1986), 7:15 p.m. *Uris Hall Auditorium.

Sunday 9/28

"Film Dance IV," and panel of dance filmmakers: Amy Greenfield, Marilyn Rivchin and Lonna Wilkinson. Films by Pooh Kaye, Henry Hills, Karde Armitage and Amy Greenfield. 2 p.m. Johnson Museum.

LECTURES

Thursday 9/18

"Movements and structures: alternatives to social change," Slawomir Magala, Erasmus University, 12:15 p.m., 117 Stimson Hall. Sponsored by Western Societies Program.

"Dangerous blood: the power and pollution of death among the Chinese in Singapore," Chee-Kiong Tong, Southeast Asia Program graduate student, 12:20 p.m., 102 West Ave.

"How to avoid speaking," Jacques Derrida, Ecole des Hautes Etudes en Sciences Sociales, Paris, and A.D. White Professor-at-Large, 4 p.m., 120 Ives Hall.

"Torah as science in Medieval Jewish philosophy," Menachem Kellner, Haifa University, 4 p.m., 374 Rockefeller Hall, sponsored by Department of Near Eastern Studies.

Friday 9/19

Messenger Lecture Series: "Vigilant problem solving: is it worth the cost?" Irving L. Janis, professor of psychology, emeritus, Yale University, and author of "Groupthink," 4:30 p.m., Hollis Cornell Auditorium, Goldwin Smith Hall.

Monday 9/22

Messenger Lecture Series: "The constraints model: a theoretical framework for analyzing crisis mismanagement," Irving L. Janis, professor of psychology, emeritus, Yale University, and author of "Groupthink," 4:30 p.m., Hollis Cornell Auditorium, Goldwin Smith Hall.

Wednesday 9/24

Messenger Lecture Series: "Applying the model to 'hardball politics,' power struggles and negotiated settlements," Irving L. Janis, professor of psychology, emeritus, Yale University, and author of "Groupthink," 4:30 p.m., Hollis Cornell Auditorium, Goldwin Smith Hall.

"Presupposition and knowledge: how to discover the real world with theory dependent methods," Richard Boyd, philosophy professor, 4:30 p.m., 165 McGraw Hall.

Thursday 9/25

"Family, Society, and Economy in Le Vietnam, 1428-1788," Insun Yu, professor of history, Korea University, 12:20 p.m., 102 West Ave.

"Melridge: the entrepreneurial spirit that blossomed," Mr. and Mrs. George Heublein, president and retail sales director, respectively, Melridge Inc, 4:30 p.m., 45 Warren Hall. Sponsored by agricultural economics.

Friday 9/26

Messenger Lecture Series: "Preventing errors that could lead to inadvertent nuclear war," Irving L. Janis, professor of psychology, emeritus, Yale University, and author of "Groupthink," 4:30 p.m., Hollis Cornell Auditorium, Goldwin Smith Hall.

MUSIC

Bach, Schumann, Liszt

Sept. 19, 8:15 p.m. Barnes Hall. Jonathan Shames, piano.

Bound for Glory

Sept. 21, 8:30, 9:30, 10:30 p.m. Anabel Taylor Commons Coffeehouse. Broadcast live on FM93. Caryl P. Weiss, traditional and contemporary folk music.



Ardal Baharmast plays Black Elk in "Social Impossible Theatre company. The play w government department and the Cornell Arts Sept. 18, 19 and 20 at 8 p.m. in the

RELIGION

Sage Chapel

Julius Lester, who teaches in the Department of Afro-American Studies and the Near Eastern and Judaic Studies Program at the University of Massachusetts at Amherst, will preach at Sage Chapel, Sept. 21, at 11 a.m.

Lester's most recent book is the novel "Do Lord Remember Me," and he is completing an autobiographical work about his conversion to Judaism.

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

Catholic

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

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



Amnesia," performed by the visiting be presented by Theatre Cornell, the Council for the Creative and Performing Willard Straight Theatre. Photo by Erik Kvalsvik

Protestant

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

SEMINARS

Seminar notices, unlike other calendar notices, do NOT go to Central Reservations in Willard Straight, but should be delivered to the Chronicle office, 110 Day Hall, in writing by noon Thursday before publication. Each notice can be run only once, so on Thursday events please note whether you wish it published the day of the event or the week before.

Applied Mathematics

"Two algorithms for solving sparse nonlinear systems of equations," Guangye Li, visiting professor, 4 p.m., Sept. 19, 322 Sage Hall.

Biochemistry, Molecular, and Cell Biology

"Mechanism of Receptor-Mediated Signal Transduction," Rick Cerione, Department of Pharmacology, 4:30 p.m., Sept. 19, 204 Stocking Hall.

"DNA Bending and Supercoiling in the Regulation of the Lac Operon," Jay Gralla, Department of Chemistry and Biochemistry and the Molecular Biology Institute, University of California, Los Angeles, 12:20 p.m., Sept. 22, 204 Stocking Hall.

Chemistry

"Isotope-induced quantum phase transitions in the liquid state," Frank Bates, AT&T Bell Labs, 4:40 p.m., Sept. 5, Room 119, Baker Laboratory.

"Phase Behavior of Polymer Blends," Donald R. Paul, University of Texas at Austin, 4:40 p.m., Sept. 25, Room 119, Baker Laboratory.

City and Regional Planning

"Western New York: Planning in the Context of a Restructuring Economy," Judith Kossy, director of program planning, Western New York Economic Development Corporation, 12:15 p.m., Sept. 19, Room 157, Sibley Hall.

Communication

"Speaking Intensity and Persuasion," Mark Hamilton, assistant professor of communication, 2:30 p.m., Sept. 24, Room 3, 640 Stewart Ave.

Entomology

"Ecology and Behavior of Aphids on European White Birch," Ann E. Hajek, visiting scientist, Boyce Thompson Institute, 4 p.m., Sept. 22, Morison Room A106, Corson/Mudd Halls.

Immunology

"Structure and Function of the Nicotinic Acetylcholine Receptor: Studies with Synthetic Peptides," Sara Fuchs, Fogarty Scholar-in-Residence and professor of immunology, Weizmann Institute of Science, Rehovot, Israel, 12:15 p.m., Sept. 19, Boyce Thompson Auditorium.

"Kinetics of Recruitment and Functional Acquisition of Chicken Macrophages: A Comparison of Normal Versus Muscular Dystrophic Genetic Strains," Yi Chu, 8:30 a.m., Sept. 19, Hagan Room, Schurman Hall.

"Immunity to Nematospiroides dubius Infections in Mice," Francisco Javier Enriquez, 1:30 p.m., Sept. 19, D-215 Schurman.

International Nutrition

Cornell's African Development Initiative, Milton Esmann, Department of Government and Center for International Studies, 12:15 p.m., Sept. 18, Room 100, Savage Hall.

Manufacturing Engineering

"Planning Optimal Routes for a Robot Using Map-Based Knowledge," Joseph Mitchell, Department of Operations Research, 4:30 p.m., Sept. 18, 282 Grumman Hall.

Mechanical and Aerospace Engineering

"Circulating Fluidized Beds," Arthur M. Squires, Virginia Polytechnic Institute, 4:30 p.m., Sept. 23, 282 Grumman.

Natural Resources

"Goodbye Great Grebe? Politics and Ecology in Central America," Anne LaBastille, author of the best-selling book "Woodswoman" and graduate of the Department of Natural Resources, 4 p.m., Sept. 19, Fernow 304.

Neurobiology and Behavior

"The Naked Mole-Rat: A Eusocial-Mammal," Paul Sherman, Neurobiology and Behavior, 12:30 p.m., Sept. 18, First Floor Atrium, Corson/Mudd Hall.

Operations Research

"A Diffusion Model for Optimal Portfolio Selection in the Presence of Brokerage Fees," Michael Taksar, Department of Statistics, Florida State, 4:30 p.m., Sept. 23, 111 Upson.

Pharmacology

"Neuronal ion channels as targets for insecticide action," David Soderlund, Department of Entomology, 4:30 p.m., Sept. 22, Pharmacology Library, D101L Schurman Hall.

Plant Biology

"Mutational analysis of maize ADH-1 gene by the use of transposable elements," C. Chen, Plant Biology, 11:15 a.m., Sept. 19, Room 404, Plant Science Building.

Plant Pathology

"Isolation and characterization of a hypersensitive response: Related messenger RNAs from tobacco mosaic virus-infected tobacco," David Dunigan, 4:30 p.m., Sept. 23, Room 404, Plant Science Building.

Stability, Transition and Turbulence

"A Dynamical Systems Approach to Modeling the Wall-Layer of a Turbulent Boundary Layer, Part I," N. Aubry, Mechanical and Aerospace Engineering, 1 p.m., Sept. 23, 282 Grumman Hall.

Textiles and Apparel

"Polyethylene Fibers," Sarah Sembach, graduate student, 12:20 p.m., Sept. 23, 317 Martha Van Rensselaer Hall.

Theoretical and Applied Mechanics

"Biomechanics of Plants," Karl Niklas, Plant Biology, 4:30 p.m., Sept. 24, Room 205 Thurston Hall.

THEATRE

Cornell Savoyards

Savoyards needs set and costume designers and rehearsal pianist for fall production of "Yeomen of the Guard." Call 273-0570.

Theatre Cornell

"Social Amnesia," a high-tech commentary on the decline of social values, 8 p.m., Sept. 18-20, Willard Straight Theatre, by the visiting Impossible Theater of Baltimore. For ticket information, call 255-5165.



MISC

Intramural Broomstick

Deadline for entries is 4 p.m. Sept. 23 in the intramural office, Helen Newman Hall. Minimum of five to enter, three constitutes a team. Entries accepted on a first-come, first-served basis. One team per organization. Fee of \$20 is due with roster. Checks only, payable to "Cornell University."

Extramural Classes

Update job skills, work towards a degree, or explore a special interest through Extramural Study. Area residents may continue their education by applying for admission to virtually any course the university offers through Extramural Study. Late afternoon and evening courses are available. For information, call 255-4987 or write Cornell University Extramural Study, Box 94, B12 Ives Hall, Ithaca, NY 14853. Sept. 19 is the last day to register, or add or drop courses.

Ithaca Rape Crisis

Ithaca Rape Crisis is accepting applications into its volunteer counselor training program. Interested women should be willing to make at least a one-year commitment. No previous experience is necessary. Contact Ithaca Rape Crisis, P.O. Box 713, Ithaca, NY 14851, 273-5589.

Alternatives Library

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

Emotions Anonymous

Are you having problems with your emotions? Emotions Anonymous meets every Tuesday at 8 p.m. at 109 Oak Avenue, The Lutheran Church. Everyone is welcome.

Alcoholics Anonymous

Faced with a drinking problem? Perhaps Alcoholics Anonymous can help. Open AA meeting every Monday, Tuesday, and Thursday at noon in the Anabel Taylor Hall Forum and every Wednesday at noon in 314 Anabel Taylor Hall.

Personal Effectiveness Seminar

Develop self-awareness and self-confidence, take responsibility for your growth, build commitment, integrity, creativity, learn stress management for vitality, relaxation and peace of mind. Define and accomplish life goals. Meets from 7 to 10 p.m., Sept. 18 through Nov. 13. For information and registration, call Let Davidson at 272-4131.

Making Relationships Work

An eight-week workshop on guidelines and skills for generating loving, satisfying and productive relationships, for individuals and couples. Meets from 7 to 10:30 p.m., through Nov. 4. For information and registration, call Let Davidson at 272-4131.

Personal Growth Workshop

A semester-long program to help participants overcome procrastination. Meets Thursday from 3:30 to 5 p.m. beginning Sept. 25. For information, call Greta Breedlove at 255-3608 or stop by 103 Barnes Hall.

Observatory Open House

Fuertes Observatory, located on the hill behind Helen Newman Hall, will be open to the public every clear Friday night this fall from 9 p.m. until midnight. The planets Mars and Jupiter are spectacular this fall. Call the observatory at 255-3557 after 8 p.m. on clear Fridays for more information.

Biology Applications Due

Applications for admission to the biological sciences honors program are due at noon Sept. 23 in 118 Stimson Hall. For more information, call 255-5233.

Christian Science

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

Episcopal (Anglican)

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

Great Commission Students

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

Jewish

Morning Minyan: 7:30 a.m. Young Israel House, 106 West Ave. Call 272-5810.

Reform Shabbat Services: Every Friday, 6 p.m., Anabel Taylor Chapel.

Conservative Shabbat Services: Every Friday, 6 p.m., Anabel Taylor Founders Room; Every Saturday, 9:45 a.m. Anabel Taylor Founders Room.

Orthodox: Every Friday evening. Young Israel, 106 West Ave. Call 272-5810; Every Saturday, 9:15 a.m. Anabel Taylor Edwards Room.

Korean Church

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

Muslim

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



Getting in their first licks as the dairy store in Stocking Hall resumes selling ice cream cones are, from left, Richard Ledford, chairman of the Department of Food Sciences, David Brown, dairy plant manager of the department, Marion Smithers, and David L. Call, dean of the College of Agriculture and Life Sciences.

Stocking Hall stocks ice-cream once again

The Cornell Dairy Store in Stocking Hall has resumed selling ice-cream cones for the first time in more than five years. "We'll start out with sugar cones, but will add European-type waffle cones in early October," says David Brown, dairy plant manager in the Department of Food Science. Waffle cones, to be imported from Europe, are large enough to hold as many as five different flavors, Brown said. The dairy plant makes 18 to 20 flavors of hard ice cream. Of

these, eight will be available, with three or four flavors rotated each week. The plant annually produces about 60,000 gallons of ice cream. Milk used for ice cream and other dairy products made at the Stocking plant and sold in its store comes from cows at the Animal Science Teaching and Research Center of the College of Agriculture and Life Sciences. The plant annually processes 3.5 million pounds of milk.

CU receives grant for book conservation

Help is on the way for upstate New York librarians concerned about the deterioration of books in both public and private collections. Cornell University Libraries has received a \$187,000 grant from the Andrew W. Mellon Foundation to provide information and training about the conservation of books and other library materials. Most books published since 1850 have been printed on acidic paper, a practice that literally is turning much of the world's recorded knowledge to dust. After 100 years or so, a book printed on acidic paper will crumble in the hands of the user. So severe is the problem that Daniel J. Boorstin, the Librarian of Congress, described it as "one of the most unrecognized and serious perils that afflicts civilization." Techniques are being developed to stop the chemical reaction that causes this deterioration.

With the Mellon funds, John Dean, conservation officer for Cornell's libraries, and his staff will provide technical expertise and

training to upstate librarians in order to educate them about effective conservation practices. Cornell's team of conservators will:

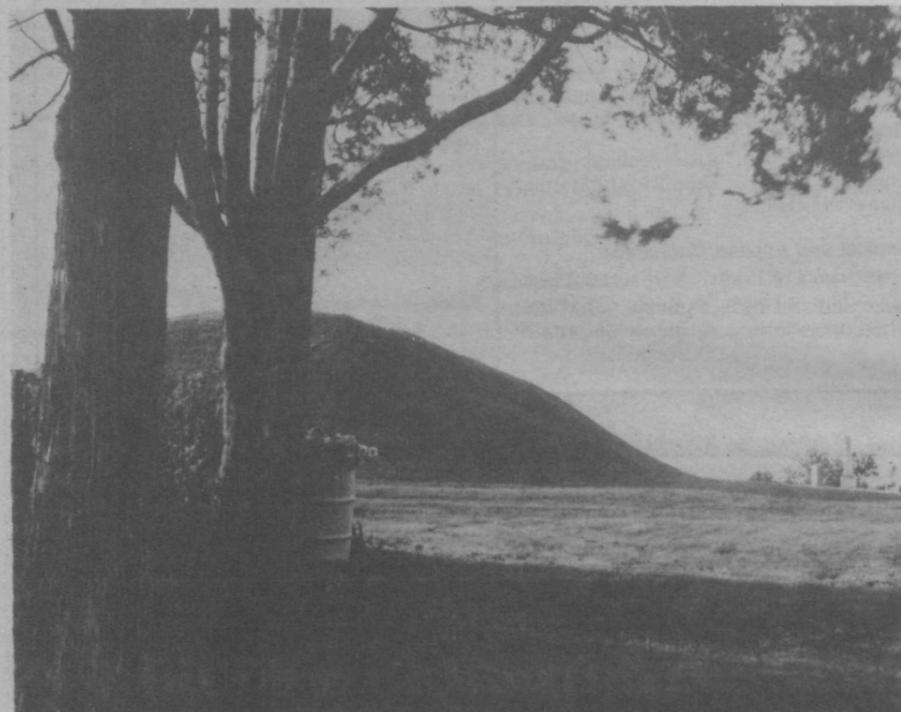
- Conduct a series of workshops on conservation practices for regional librarians;
- provide on-site consultation to other institutions;
- establish an information clearinghouse on library preservation and conservation;
- supervise the technical training of conservation interns.

The grant also will provide support toward the salaries of three additional staff to assist Dean, one of the world's authorities on book conservation. Dean came to Cornell in July 1985, under special funding provided by the State of New York. The British born and trained book-binder was chief conservator of the Johns Hopkins University Libraries for 10 years. The Mellon grant will enable Dean to deal more effectively with all aspects of conservation, including the decay of leather, general wear and tear, and the brittleness of older books printed on acidic paper.

Lunchtime Bytes computer series begins

The continuing growth in the use of computers for instruction is evident in the latest Lunchtime Bytes seminar series beginning Sept. 18. Sponsored by Academic Computing, a division of Cornell Computer Services, the seminars will be held on Thursdays from 12:20 to 1:10 p.m. in 100 Caldwell Hall. Members of the Cornell community are invited to attend. "The series presents a fine opportunity for anyone desiring to learn about — and in many cases see demonstrated — some of the ways computers are being used in academic environments," says Gordon L. Galloway, director of academic computing. To open the fall semester series, Anil Nerode, chairman of the Department of Mathematics, will demonstrate "Expert and Knowledge-based Systems." He will explain what knowledge acquisition, knowledge representation and automated deduction mean; what kinds of languages, shells and software tools exist for exploiting these ideas;

and the range of current applications. Succeeding seminars include: "Data Desk — an Interactive Statistics Package for the Apple Macintosh," Paul Velleman, Sept. 25; "YODA, the Yorktown Display Adapter," Don Hatfield, IBM Scientific Center, Cambridge, Mass., Oct. 2; "SCAMP, the Geneva Interactive System with a Macintosh Interface," James Tette, Geneva Agricultural Experiment Station, Oct. 9; and "Computer Simulations of Biological Phenomena: Their Use in Instruction and Research," Karl Niklas. Also, "Simulating Bioelectric Behavior of Neurons on the Macintosh," Bruce Land, Oct. 23; "Computer-generated Art Abstractions," Stan Bowman, Oct. 30; "Guiding Students' Revision with PROSE," Stuart Davis, Nov. 6; "Applications of Microcomputers in Chemical Education," Charles Wilcox Jr., John Wiesenfeld and Jon Clardy, Nov. 13; and "CUDA-Model I: Accounting and Budgeting PC System," J.R. Schulden, Nov. 20.



Photographer and artist-in-residence Barbara Bosworth has documented 2,000-year-old Indian burial mounds, such as this one, in southeastern Ohio.

Photographer Barbara Bosworth to discuss ancient earthworks

Visiting Artist-in-Residence Barbara Bosworth will discuss her photography of the past through the present in a free public lecture at 5 p.m. Sept. 30, in Room 115 of Tjaden Hall. Her talk will center on an edition of dye transfer prints she made from photographs of 2,000-year-old Indian burial mounds in southeastern Ohio. Bosworth documented these ancient earthworks, built by the Adema and Hopewell Indians, in an effort to preserve them. She says "through my photographs I give a sense of the spirit of an ancient sacred space overlaid with our modern presence. "Today the remaining prehistoric earthworks have been incorporated into our modern landscape, used as places for dog houses, family gardens, chicken pens, cemeteries, recreational parks, pastures and farmer's fields." A former resident of Ithaca, Bosworth says she hopes to apply her approach in photographing archaeological sites throughout New York State during her residence in the College of Architecture, Art and Planning's art

department. In the spring term, she will hold an exhibition of the photographs she will have done while at Cornell. Her stay is being funded under a new program by the Cornell Council of the Creative and Performing Arts. The CCPA sponsors many one-time visits by poets, writers, and performers. Under the new program, the visiting artists will not only give public lectures and exhibition but also conduct workshops and interact in the classroom as well as on a one-to-one basis with students and faculty. Bosworth will teach an advanced photography class for the Department of Art this fall, visit other classes, provide demonstrations and give student critiques. An assistant professor of art at Massachusetts College of Art in Boston, she was a 1986 Isaac W. Bernheim Foundation Art Fellow in Clermont, KY, and the Friends of Photography's 1985 Ruttenberg Fellow. Bosworth may be contacted at her office in Room 105, Tjaden Hall, telephone, 255-3558.

Concrete problems delayed new garage

Completion of the new 700-car, four-level parking garage behind the West Stands at Schoelkopf Field has been delayed until the week of Sept. 29, according to William E. Wendt, the university's director of transportation services. The garage was scheduled to open this week, but Wendt said two factors contributed to the delay. "The problems with concrete for one of the support columns for the university's new press box and shipping delays for the pre-cast concrete sections of the garage put us behind schedule," he said. Two weeks ago, Cornell officials announced that a batch of concrete had tested below specifications, requiring removal of a portion of the north support tower for the press box and the eventual pouring of new concrete. While the concrete problem does not affect the seating area in the stadium, it did halt completion of a portion of the garage near the support tower. Wendt said that until engineers decided how to resolve the press-

box problem, the contractor for the parking garage could not complete that section near the support tower. Delivery of pre-cast sections of the garage, some of them as long as 63 feet, were delayed over the Labor Day holiday. New York State highway laws prohibit such shipments on weekends and holidays and the days immediately preceding and following holiday weekends. "We lost three delivery days at a very critical stage in the completion of the parking garage project," Wendt explained. "Combined with the press box problem, we lost nearly two weeks on that portion of the garage near the West Stands." Temporary campus parking arrangements will remain in effect through the end of September. Because the parking garage will not be open by Employee Day on Sept. 20, a special bus will run from B lot to the stadium approximately every ten minutes from noon to 1:30 p.m., and from 3:30 p.m. to 5:30 p.m. between Barton Hall and B lot.

Comptroller Ed Regan expected to address real estate conference

More than 100 Cornell alumni and friends involved in real estate will be dispensing some advice to the university and exchanging information at Cornell's fifth annual Real Estate Conference Sept. 19 and 20. The participants, who are among some 260 members of Cornell's Real Estate Council, will hear New York State Comptroller Edward V. Regan discuss the impact of proposed tax revisions on the states' spending patterns and economic development at a luncheon on the first day of the conference. This will be followed by a panel discussion on the implications of the legislation for real estate. Among other events during the first day, Prof. Harold Bierman Jr. and a panel of

investment managers will discuss competition for the real estate investment dollar. Bierman is the Nicholas H. Noyes professor of business administration at the Johnson Graduate School of Management. During a forum to be held at 4 p.m., students will have the opportunity to speak with alumni about career opportunities in real estate. Jack J. Clark, dean of the School of Hotel Administration, will be the speaker at the dinner meeting. The Real Estate Council will discuss development of a graduate real estate program at Cornell during the Sept. 20 session.

Freeze-dried bacteria may help fertilize pasturelands

Scientists at the Boyce Thompson Institute for Plant Research are trying out a new technique designed to boost the productivity of pasturelands in tropical areas of the world without using scarce and expensive fertilizers.

The new method calls for coating the seeds of tropical legume forage crops with a vegetable oil containing millions of freeze-dried bacteria that have the unique ability to manufacture nitrogen, one of the most important plant nutrients.

The technique, now being field-tested in Colombia, would help boost the productivity of millions of acres of tropical pastureland around the globe, particularly those in developing nations in Central and South America. Preliminary results of the field test since late June are encouraging.

Nitrogen fixation

During millennia of evolution, some plants have learned to live with certain types of soil-dwelling microorganisms in mutually beneficial living arrangements. A classic example of this coexistence is the relationship between leguminous plants such as peared rhizobia.

Such bacteria invade the roots of these plants, converting nitrogen from the air into a form usable by the plant for growth and development in a natural biological process called nitrogen fixation. The plant, in turn, offers food to the microbes. Corn, wheat, oats, and barley, among other major agricultural crops, however, do not have such a symbiotic relationship. Hence, these crops rely on the farmers's handout: man-made fertilizers.

Productive pastureland

Vast pasturelands in tropical areas are used for beef production. An area called the Llanos in Colombia, for example, is comprised of millions of acres of pastureland, but the land there is so unproductive that the acreage needed to support grazing animals is many times that used in the United States.

In a cooperative research project with scientists at the International Center for Tropical Agriculture (CIAT) at Cali in Colombia, two BTI researchers — Allan R.J. Eaglesham and Barbara J. Goldman hope to turn Colombia's vast pastureland into a fertile, productive one.

The approach the BTI scientists are taking calls for introduction into the Colombian pastureland of a superior bacterial strain known to be highly efficient in producing nitrogen for the pasture in a way that will enable local farmers to improve their land themselves.

Novel technique

To that end, Eaglesham and Goldman are using a novel technique developed a few years ago by researchers at the University of Mississippi. The method, in a nutshell, calls for freeze-drying rhizobia bacteria, mixing them in a mineral or a vegetable oil such as Mazola, and coating the seeds of a legume forage crop with bacteria mixed with the oil.

"The bacteria are freeze-dried, or dehydrated, to keep them in the dormant state until they enter the soil with the seed," Eaglesham explains. "Once these bacteria are 'planted' along with the seed, moisture in the soil will reactivate them."

For several decades, the idea of planting seeds along with such bacteria has been used widely by American farmers. Live bacteria are mixed with peat, and farmers mix seeds with the bacteria-laden peat just before planting time.

The objective is to come up with ready-to-plant seeds already coated with bacteria.

Thus, farmers do not need to bother mixing large amounts of seeds with peat that carries the bacteria.

"All the farmer has to do is plant the bacteria-coated seed prepared well ahead of planting time," Eaglesham says.

Testing with centrosema

The rhizobium strain used at BTI was selected by CIAT scientist Rosemary Bradley, a co-investigator in this project, now in its second year. The project is supported by the United Nations Development Program. The crop under test is a tropical forage called centrosema. The seed of this plant is about the size of shotgun pellets.

"Our work here has focused on the survivability of the bacteria every step of the way," Eaglesham says.

The viability of those freeze-dried bacteria, their survivability in an oil, and the actual number of bacteria on the seed are critical factors for the success of this project.

More important, the BTI researchers hope

to answer still another vital question: Will those bacteria on the seed flourish once they enter the soil?

Colombian field study

To find out, Goldman recently spent 10 days with CIAT's Bradley in Colombia to conduct a field experiment. Before departure, she had prepared three batches of centrosema seeds, including one coated with bacteria a month before planting time. The second batch was prepared two weeks before planting and the third one a week before. Still another batch was coated on the day of planting in Colombia.

To compare those oil-based inoculants with peat-based ones, the BTI researchers also prepared seeds with the bacteria-carrying peat at similar intervals.

Now that the seeds have already germinated and the plants are up and growing, how well the crop will do in coming months is the focus of scientific attention at CIAT, where scientists involved in the project will dig up the plants, count the number of nitrogen-fixing nodules on the roots, and measure the rate and amount of nitrogen produced by the bacteria.

"We want to compare the effectiveness of these seeds coated at different intervals," Goldman explains.

According to Eaglesham, CIAT's Bradley has reported that the inoculated plants have more nodules and are already growing more vigorously than the others.

"However, it will be several months until we have final yield data," Eaglesham says.

Preliminary results

Preliminary results of the laboratory work at BTI have shown that the survivability of those bacteria on the seed is excellent. The number of bacteria per seed reaches as many as one million, or 10 times higher than those on seeds mixed with peat-based bacteria.

"We hope to increase that number per seed as much as ten fold to ensure the survivability of the bacteria," says.

This is the first time a legume crop coated with freeze-dried bacteria has been planted for experiments to improve pastureland's productivity.

"If this method is successful, there is the potential for a major impact on the productivity of similar pasturelands in tropical areas around the globe," Eaglesham notes.

— Yong H. Kim



Allan R. J. Eaglesham and Barbara Goldman, researchers at Boyce Thompson Institute, are investigating the practicality of using freeze-dried bacteria as a substitute for fertilizers.

Gifts *Continued from page 1*

friends who work closely with faculty and staff to sustain the excellence of Cornell," Richard Ramin, the university's vice president for public affairs, said.

The Cornell Fund, gifts received on an annual basis from alumni and friends, raised \$12 million last year, up 9 percent over the previous year.

O'Brien said that Cornell's strong program of class reunions contributed to increased giving by alumni.

Gifts from corporations totaled \$34.76 million, including \$9.5 million in gifts of equipment. Support from private foundations was \$12.15 million.

Corporations increased their giving to Cornell by \$10 million or 36 percent, but total support from foundations was \$1 million or 10 percent lower than the previous year.

O'Brien said the single largest cash gift received last year was \$5.5 million.

Breakdown of gifts to Cornell's three major divisions:

Endowed colleges: \$74.9 million, up \$20 million or 39 percent from the previous year.

State-supported units: \$16.8 million, up \$3.8 million or 29 percent.

Medical College: \$22.5 million, down \$2.4 million or 10 percent.

—Albert E. Kaff

Suicide prevention service will give benefit performance

The annual benefit and fund raiser for Tompkins County's Suicide Prevention and Crisis Service will take place Sept. 27 at 8:15 p.m. at the Hangar Theater.

"An Elegant Party" will present an evening of music, dance, song and comedy with emcees Diane Ouckama and Greg Bostwick. A reception will be held during intermission.

The program will feature performances by Peggy Haine and Sandor Goodhart, Ed Murray, the Ithaca Ballet, the Ithaca Opera Association, I Quasi Musici, Mischief Mime, and Mirage Dancers. The Family and Children's Service Players will also perform in a sketch entitled, "Ithaca Children's Home 1886."

This annual fund raiser is the result of a concerted community effort. In addition to the performing artists, dozens of individuals, businesses and organizations have given their time, goods, and services to the event.

Community support and volunteer efforts have been at the core of SPCS since its

inception. SPCS's 24-hour telephone counseling service was established in 1969, one year after two Cornell students approached Rev. Jack Lewis, director of Cornell United Religious Work, with their concerns about a seemingly high rate of suicide on campus.

Today the agency is staffed by 70 community volunteers who have completed a rigorous training program. The agency also provides an adolescent outreach program, a contact point for victims of domestic violence and rape, community education and training programs, postvention services to families who have suffered a suicide, a hospital volunteer program for suicidal patients, and emergency back-up teams to people in crisis who need face-to-face intervention.

Tickets cost \$15 and \$20. General admission tickets may be purchased at McBooks and the Corner Book Store, or at the door. Tickets for reserved seating may be purchased by calling 272-1505.

Graduate fellowships

Fannie and John Hertz Foundation: A \$12,500 annual fellowship stipend plus a \$7,000 tuition allowance to students in applied physical sciences with a high grade average in undergraduate work. **Materials due Nov. 1.**

Women's Studies research grants for doctoral candidates: Grants averaging \$1,200 for research expenses to encourage original and significant research about women on such topics as the evolution of women's roles in society and contemporary America, women in history, psychology of women, and women in literature. Special awards in economy, business, public policy, the law and mental health from other sponsoring organizations. **Applications to be received by Nov. 12.**

The Space Foundation: A \$5,000 stipend to encourage innovative thinking in microgravity, remote sensing, biotechnology, solar power and related areas for the use of space resources through commercialization. **Deadline, Nov. 15.**

Spencer Fellowships in education: \$12,500 is awarded for 12 months to 25 students, candidates for Ph.D. or Ed.D. degrees at graduate schools in the United States. Only citizens or permanent residents of the United States or Canada. Pre-dissertation requirements should be fulfilled by Dec. 31. **Applications postmarked by Dec. 1.**

Charlotte W. Newcombe Doctoral Dissertation Fellowships: Awards total \$9,000 for 12 months of dissertation research and writing. Excludes tuition, but small fees may be covered to 45 fellows. Candidates should be enrolled in doctoral programs in the humanities and social sciences in the United States in the study of ethical or religious values. **Applications postmarked by Dec. 1.**

Information on the **National Science Foundation Graduate and Minority Graduate Fellowships** expected by the end of September. **Deadline, Nov. 14.**

Barton Blotter: Computer stolen

Miscellaneous computer equipment valued at \$2,362 was stolen from 282 Goldwin Smith Hall, sometime between 4 p.m. Sept. 5 and 9 a.m. Sept. 8, according to the Department of Public Safety.

The theft was one of 10 reported during the 5-day period, Sept. 6 through 10, with losses in cash and valuable totaling \$4,160. Other thefts included \$600 in cash and a \$200 radar detector taken from a car in the Grumman Parking Lot, a \$400 bicycle, and a wallet containing \$200 in cash stolen in

Sage Dining Hall.

One person was referred to the judicial administrator on charges of theft of services, and Johannes A. Hollo of 513 N. Albany St. was charged with driving while intoxicated.

Computerized copies of the most current daily report may be called up on CUINFO under the title SAFETY. CUINFO terminals are located in the main lobbies of Day Hall, Gannett Clinic, and the Olin, Mann, and ILR libraries.

Job Opportunities

September 18, 1986
 Number 37
 University Personnel Services
 Cornell University
 160 Day Hall
 Ithaca, New York 14853-2801

NOTICE TO ALL APPLICANTS:

Job Opportunities will publish vacancy announcements on a limited basis until further notice. Staffing Services will continue to accept employment applications and employee transfer requests. However, these items will be processed only after individuals with official University layoff status are given preferential consideration.

Administrative and Professional

The minimum salaries listed are for recruitment purposes only.

RESEARCH SUPPORT SPECIALIST I (PT3718) Agricultural Economics

Conduct evaluations and transmit results regarding Integrated Pest Management tactics, and strategies, information delivery systems, and grower Integrated Pest Management institutions. Data collection, analysis, develop reports, publications, and present results to growers.

Requirements: Masters of Science degree in Agricultural Economics. Good communication skills, research ability, develop program design.

RESEARCH SUPPORT SPECIALIST I (PT3710) Animal Science

Participate in a research determination of financial incentive plans, develop farm management strategies to correct seasonality of milk production in NYS; develop computer simulation models, evaluate strategies and analyze herd information.

Requirements: BS with coursework in Agricultural Economics, Computer Science, Statistics. Statistical analysis and computer programming skills (Fortran or PL-1) desirable. Experience with microcomputers and software packages (Lotus, SuperCalc, Graphics, Word Processors, etc). Knowledge of Dairy production desirable. Send cover letter and resume by October 3 to Judi Pulkinen.

PROJECT MANAGER II (PA375) Construction & Contracts Management

Coordinate and administer major capital construction contract work insuring quality within established budgets and schedules.

Requirements: B.S. in Civil, Mechanical, Electrical Engineering or B.A. in Architecture; 5-8 years of progressively responsible project management experience. Strong interpersonal, oral and written communication skills and ability to deal effectively with all levels of management; demonstrated ability to consistently meet schedules deadlines and budgets and the capacity to handle multiple assignments. Send cover letter and resume by October 3 to Cynthia Smithbower.

DIRECTOR OF ADMINISTRATION AND FINANCE (PA3717) College of Arts and Sciences Dean's Office

Provide major oversight in all areas of non-academic activities in the College, including budget and fiscal control, personnel administration and facilities.

Requirements: Master's degree in Business Administration or the equivalent combination of education and experience. At least 5 years related work experience. Submit cover letter and resume by October 1 to Cynthia Smithbower.

SYSTEMS ANALYST III (PT362) Integrated Pest Management

Direct development and implementation of applications software for on-line information system for Cooperative Extension, direct design and maintenance of computer products that support this system.

Requirements: MS in mathematics, physics, computer science, or related discipline, experience in development of an information system. Location is on Ithaca Campus. Design and programming of microcomputer software experience helpful. Submit cover letter and resume to Judi Pulkinen.

UNIX SYSTEMS PROGRAMMER II (PT363) Computer Science

Provide programming support in C for Computer Science Department's UNIX research computing facility. Includes software consulting and programming assistance and day-to-day software maintenance for department facility.

Requirements: B.S. degree in electrical engineering or computer science, or comparable professional UNIX systems programming experience. UNIX systems software development. Familiarity with C and other major programming languages such as Pascal, Fortran, the C-shell, LISP background in UNIX kernel programming, TCP-IP and XNS networking preferred. Send cover letter and resume by September 26, 1986 to Judi Pulkinen.

DEVELOPMENT ASSISTANT (PA364) University Development

Provide general support to Campaign for Physical Education and Athletics in area of volunteer management, communications, phonathons, direct mail. Plan and coordinate Ithaca based fundraising activities for Campaign. Perform other duties as assigned.

Requirements: Bachelor's degree or equivalent. Excellent written and oral communication skills. Strong interpersonal skills. Management and organizational ability desired. Submit cover letter and resume by September 26, 1986 to Cynthia Smithbower.

RESEARCH SUPPORT SPECIALIST II (PT3511) Agricultural Engineering

Design computer programs to collect data from monthly reports and retrieve it in cross tabulation form. Maintain records; compose contractual and statistical reports and papers.

Requirements: Bachelor's degree in math or computer science. Minimum 2 years experience in position requiring computer opera-

tion or statistical compilation. Send cover letter and resume by September 26 to Judi Pulkinen.

STAFF WRITER I (PC351) Agricultural Engineering

Develop publicity and mass media support for Small Business Energy Efficiency Program. Write reports, news stories and newsletters for program.

Requirements: Bachelor's degree in journalism, English literature, or Communication Arts. Two years experience in writing, news reporting or mass media. Send cover letter, resume, 2 writing samples or call in confidence to Esther L. Smith (607-255-6874).

ADMINISTRATIVE MANAGER I (PC354) Diagnostic Laboratory

Financial and Administrative responsibilities including budgeting, personnel, accounting, purchasing and accounts receivable; information systems development and management for financial reporting, operations automation and telecommunications; Physical Plant maintenance and planning.

Requirements: Bachelor's degree in finance or accounting. Experience in supervision. Coursework or experience in computer applications and systems development. Send cover letter, resume or call in confidence to Esther L. Smith.

RESEARCH SUPPORT SPECIALIST I (PT352) Biochemistry, Molecular & Cell Biology

Design, plan and conduct research on structure and assembly of avian retroviruses. Assist in training and supervision of new lab personnel in routine procedures, lab safety, etc. Maintain lab supplies, equipment and radioisotope records.

Requirements: MS plus two years experience or Bachelor's plus four years experience. Experience in cell culture and biochemistry of nucleic acids and proteins needed. Send cover letter and resume to Judi Pulkinen.

SYSTEMS PROGRAMMER II (PT356) Theory Center

Provide 4.2-3BSD UNIX systems support for various Theory Center computers.

Requirements: B.S. in Computer Science or equivalent. 2-3 years experience with 4.2-3BSD UNIX. Experience with multiple machine architectures. Send cover letter and resume to Judi Pulkinen.

TECHNICAL CONSULTANT II (PT359) Theory Center

Provide consulting services to researchers and users of Cornell Theory Center, including Advanced Computing Facility and Theorynet.

Requirements: B.S. or equivalent, with coursework in computing and related fields. 2-3 years of computer system and programming experience. Experience with UNIX systems and understanding of networking techniques and protocols helpful. Strong interpersonal, communication and organizational skills necessary. Send cover letter and resume to Judi Pulkinen.

SYSTEMS PROGRAMMER III (PT355) Theory Center

Provide 4.2-3BSD UNIX systems support for various Theory Center computers. Provide technical advice and guidance to users and staff.

Requirements: B.S. in Computer Science. 3-5 years experience with 4.2-3BSD UNIX; experience with various machine architectures; demonstrated expertise in designing, developing, maintaining system software; strong interpersonal and communication skills. Hardware background desirable. Send cover letter and resume to Judi Pulkinen.

SENIOR SYSTEMS PROGRAMMER (PT358) Theory Center

Design, implement, test, and document a comprehensive operating system for a parallel supercomputer. Function as an authority on state of the art parallel architectures.

Requirements: B.S. in computer science plus 3-5 years experience or equivalent in education and experience. Sound knowledge of operating systems, systems design, and software experience. Experience with 4.2-3BSD UNIX. Send cover letter and resume to Judi Pulkinen.

SENIOR TECHNICAL CONSULTANT (PT3510) Theory Center

Coordinate education and training activities to aid researchers using Cornell Theory Center, including the Advanced Computing Facility and Theorynet. Plan workshops; prepare documentation and materials for users.

Requirements: M.S. or equivalent combination of education and experience. Excellent communication, interpersonal, and organizational skills. Experience with UNIX systems and massively parallel systems, such as the Intel IPSC. Experience in setting up a User Services organization helpful. Ability to work closely with scientific researchers and talk to users at their level of comprehension. Excellent writing skills. Send cover letter and resume to Judi Pulkinen.

SENIOR SYSTEMS PROGRAMMER (PT357) Theory Center

Design, implement, test, and document a comprehensive operating system for a parallel supercomputer. Function as an authority on state of the art parallel architectures.

Requirements: B.S. in computer science plus 3-5 years experience; or equivalent in education and experience. Sound knowledge of operating systems, systems design, and software engineering. Experience working with 4.2-3BSD UNIX. Send cover letter and resume to Judi Pulkinen.

ASSOCIATE DEAN (PC344) Graduate School

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

Requirements: PhD plus administrative ex-

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

STAFF WRITER I (PC343) Media Services

Research, write, edit and produce radio news actuality reports for Consumer Information Network; develop, produce and direct other projects within TV-Radio-Film Center as may be required and function as a creative member of an interrelated television and radio production unit.

Requirements: Bachelor's or equivalent degree in Radio-TV, Communications field, or consumer fields preferred. Minimum 2-3 years experience in all aspects of broadcast news and audio production; or demonstrable skills of a high nature. Functional knowledge of operation of professional audio equipment. Excellent interpersonal skills working with faculty, staff, and clients. Send cover letter, resume, writing sample and audio tape to Esther L. Smith.

STAFF NURSE (PA335)-(Repost) University Health Services

Screen, assess, and treat or refer outpatients, utilizing clinical nursing skills. Assist nursing supervisor with management of clinic flow. 9 month position.

Requirements: 3 year nursing program degree required. New York State Nursing license. 1 or more years recent experience in outpatient nursing. Send cover letter and resume to Cynthia Smithbower by September 25.

TECHNICAL CONSULTANT III (PT072) Theory Center-(Repost)

Provide full range of consulting services to researchers using resources of the Cornell Theory Center, including the Production Supercomputer Facility, Theorynet, and possibly the Experimental Facility.

Requirements: Bachelor's degree with graduate study in either computer science or one of the physical-biological-engineering sciences. 3 to 5 years related experience including some experience with VM-CMS and array processors desirable. Experience with mainframe computers. Must be fluent in at least two programming languages; demonstrated ability to work with complicated programs necessary; strong written and interpersonal communication skills. Send cover letter and resume to Judi Pulkinen.

SYSTEMS PROGRAMMER III (PA296) Theory Center-(Repost)

Under general supervision be responsible for system analysis, design, programming, and documentation for a large variety of projects. Major source of software support and technical leadership for both users and other Theory Center Staff.

Requirements: Master's degree or equivalent combination of education and experience. Strong technical and communication skills. Wide range of programming experience utilizing many languages. Extensive knowledge of internal operations of operating systems, especially MVS, IBM mainframe and Fortran experience a plus. Send cover letter and resume to Judi Pulkinen.

Clerical

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

OUTSIDE APPLICANTS should submit an employment application and resume. Applications and resumes typically remain active for three months; typing test scores remain on file for one year. The clerical section uses an automatic referral system whereby outside applicants are referred to positions for which they are considered qualified and competitive. Unless otherwise advertised, requests to be referred to a specific position will not be accepted. Applicants who are referred to a department for review will be contacted by the department if an interview is necessary.

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

ADMINISTRATIVE AIDE, GR21 (C3711) Dean's Office, Architecture, Art and Planning

Assist the Director of Administrative Operations with preparation and monitoring of college's annual \$4.5 million operating budget, preparation and monitoring of academic and non-academic appointments and records, maintenance of the physical plant; assist with design, implementation and maintenance of computerized programs for room key assignments key control and building repairs within college.

Requirements: Associate's degree in business or equivalent experience. Medium typing. Minimum 5 years office experience, preferable some in college or university administration. 2 years experience with budgeting, personnel processing. Experience with Cornell systems desirable. 1 year PC-Macintosh experience. Excellent communication (written and oral) ability to maintain highest degree of confidentiality.

Minimum Biweekly Starting Salary: \$512.32

ADMINISTRATIVE AIDE, GR19 (C3716) Controller's Office

Provide secretarial support for departmental administrators. Assist with data entry operation; provide coverage for office receptionist as needed. Process departmental requisitions and purchase orders; responsible for departmental supplies and equipment inventory. Other clerical assistance as needed.

Requirements: Associate's degree in business-accounting or equivalent. Medium typing. Minimum 1 to 3 years word processing experience and familiarity with personal computers essential. Excellent organizational, interpersonal and communication skills. Familiarity with Cornell procedures preferred.

Minimum Biweekly Starting Salary: \$457.09

ADMINISTRATIVE AIDE, GR19 (C3715) NYSSILR-ILR Review

Administer the flow of manuscript and book review contributors to quarterly journal up to the editing stage; help proofread manuscripts; maintain records and files; assist in advertising, promotions, reprints, permissions and exchange advertising; handle all secretarial work of Editor, and Managing Editor.

Requirements: Associate's degree in business, english or secretarial science. Medium typing. Minimum 3 to 5 years general secretarial-administrative experience. Good command of English and excellent communication and organizational skills. Ability to draft correspondence, work independently and collect data and draft reports. Dictaphone, wordprocessing and computer experience preferred.

Minimum Biweekly Starting Salary: \$457.09

OFFICE ASSISTANT, GR19 (C3714) Office of Sponsored Programs

Provide administrative and secretarial support in the Office of Sponsored Programs. Type; update office records; handle and control a great deal of detail; maintain files; assist in general areas of grant and contract administration.

Requirements: High school diploma or equivalent. Business or secretarial school desirable. Medium typing. Some office experience. Good organizational skills. Strong interpersonal and communication skills. Cornell experience helpful.

Minimum Biweekly Starting Salary: \$458.09

SECRETARY, GR18 (C3713) Agricultural Economics

Preparation of course material for six undergraduate courses including teaching materials, student handouts and exams. Record and maintain student grades and handle student questions; coordinate activities of teaching assistants, paper graders and others involved in the teaching of these courses. Regular, full-time for 3 years.

Requirements: High school diploma or equivalent. Secretarial school desirable. Medium typing. Minimum 2 years experience, preferably at Cornell. Ability to operate word processing equipment with experience in Word or Word Perfect. Working knowledge of Lotus 1-2-3. Good interpersonal, organizational and communication skills essential.

Minimum Biweekly Starting Salary: \$431.43

ACCOUNTS ASSISTANT, GR18 (C378) Unions & Activities-Noyes Center

Responsible for direct supervision of building operations in areas of bookkeeping, accounting and purchasing. Regular, full-time, 10 month position; summer employment may be possible.

Requirements: A.A.S. degree or equivalent. Minimum 2-3 years experience in related field. Must be organized and possess a strong understanding of financial reporting systems. Ability to function well in account collections. Knowledge of computers (IBM-PC XT) preferred.

Minimum Biweekly Starting Salary: \$431.43

SEARCHER, GR18 (C379) Rare Books - Olin Library

Searching in the Fiske Dante catalogue, national union catalogue, appropriate local card catalogs, the RLIN database and other bibliographic sources for bibliographic information pertaining to items included in the Dante Collection. Input bibliographic records into the RLIN database; sort, alphabetize; file cards, type correspondence. Other catalogue maintenance duties. Monday through Friday, 8:00 to 5:00; Friday 8:00 to 4:00; 2 year term appointment.

Requirements: High school education or equivalent. Medium typing. Minimum 3 years of progressively more responsible technical services experience. Additional education may be substituted for experience. Knowledge of one or more modern Western European language required, preferably Italian.

Minimum Biweekly Starting Salary: \$431.43

OFFICE ASSISTANT, GR18 (C3712) Neurobiology & Behavior

Receptionist for staff and be contact person for Intro Bio course (700 to 800 students). Schedule rooms; keep student grad records; responsible for the timely completion of office tasks, exams preparation, etc.

Requirements: High school diploma or equivalent. Secretarial school desirable. Medium typing. Minimum 1 to 2 years secretarial experience. Ability to interact with student population. Excellent organizational, interpersonal and communication skills.

Minimum Biweekly Starting Salary: \$431.43

OFFICE ASSISTANT, GR16 (C372) Public Affairs Records

Make biographic additions, changes and deletions to the record of living alumni and friends of the University using an IBM 3270 terminal for an on-line system.

Requirements: High school diploma or equivalent. Light typing. Some data entry (CRT) experience. Good organizational, in-

terpersonal and communication skills. Minimum Biweekly Starting Salary: \$390.08

BUILDING ATTENDANT, GR16 (C373) Access Services-Olin Library

Under direction of Administrative Supervisor for Collection Management perform library security functions including working at exit control desk and stack control desk. Perform variety of clerical and other duties as assigned. Monday through Friday, 10:00 a.m. to 6:30 p.m.

Requirements: High school diploma or equivalent. Ability to work effectively with variety of people at a public service desk; strong communication and organizational skills.

Minimum Biweekly Starting Salary: \$390.08

BUILDING ATTENDANT, GR16 (C374) Access Services-Olin Library

Perform library security functions including working at exit control and stack control desks; perform variety of clerical and other duties as assigned; responsible for opening, closing and making regular tours of the building. Sunday through Thursday, 12:00 noon to 8:30 p.m.

Requirements: High school diploma or equivalent. Strong communication and organizational skills; ability to deal effectively with variety of people.

Minimum Biweekly Starting Salary: \$390.08

RESEARCH AIDE, GR18 (C366) Ornithology

Maintain records for North American Nest Record Program by editing data, organizing data records and corresponding with contributors, handle all written and oral correspondence for this project as well as contribute to Cooperative Research Newsletter and other projects within program.

Requirements: Associate of Science degree or equivalent. Medium typing. Excellent organizational and communication (written and oral) skills. Ability to work well independently. Computer skills required (ability to use P.C.; work with mainframe helpful). Knowledge of biology and birds preferred. Send cover letter and resume to Esther L. Smith.

Minimum Biweekly Starting Salary: \$431.43

MANUSCRIPT PROCESSOR, GR18 (C358) NYSSILR, Catherwood Library-Repost

Arrange and describe manuscript and other non-book materials according to instructions provided by processing supervisor; assist in answering reference questions on collections processed; mounting exhibits, minor mending, counting documents and labeling boxes.

Requirements: College course work in Modern American History, Industrial Relations or Labor History preferred or must be willing to take related courses. Light typing. Excellent writing skills required. Familiarity with word processing helpful.

Minimum Biweekly Starting Salary: \$431.43

SPECIAL COLLECTIONS ASSISTANT, GR18 (C3412) N.Y. Historical Resources Center-Olin Library - Repost

Edit and index data gathering forms for state-wide historical documents inventory. Enter data into RLIN database, proofread printouts; update database and prepare material for publication. Regular, full-time until June, 1987 with possible extension.

Requirements: B.A. in humanities, social sciences or related field preferred. Light typing. Writing skills and good handwriting. Experience in editing, indexing, proofreading and data entry desirable. Accuracy and ability to do detailed work with minimum supervision required. Some knowledge of New York State history desirable. Experience with RLIN desirable.

Minimum Biweekly Starting Salary: \$431.43

General Service

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

COOK, SO22 (G374) Dining Services-Endowed

Prepare and present a full variety of foods for service through own efforts or through supervision of employees for Co-op, cash, catering or special events. Monday through Friday, shift subject to change.

Requirements: High school diploma or equivalent. 3-5 years experience in preparing a full range of entrees, sauces, soups and accompaniments in addition to food preparation and knowledge of food cooking processes in an institutional environment.

Minimum hourly rate: \$7.07

MAINTENANCE MECHANIC, SO21 (G3710) Veterinary Microbiology-Statutory

General maintenance of buildings and repair of machinery and equipment. Operate tractor, truck, backhoe, front end loader and other Institute vehicles. Weld and braze broken equipment. Monitor heating plants, hot water boilers, high pressure steam boilers, heat exchangers and other related equipment. Maintain or monitor electrical appliances, motors, lighting fixtures, exhaust fans, etc. Monday through Friday; 39 hours per week; occasional weekends and holidays.

Requirements: High school diploma or equivalent. Experience in plumbing, heating and electrical systems. Knowledge of carpentry and metal working and general mainte-

Cold drugs medicine *Continued from page 3*

few amino acids and nestles itself right into the barrel," reported Michael G. Rossmann, leader of the Purdue group. The binding effect of the compound prevents the outside shell of the virus from breaking apart, Rossmann noted, and intact shells cannot release viruses' internal genetic information, the ribonucleic acid, or RNA.

"Without RNA to direct the synthesis of more viral proteins, the virus cannot replicate itself and cause infection," explained Rossmann; a professor of biological sciences. "We knew the compounds blocked the uncoating process, but we did not know how or why this occurred," said Mark McKinlay, director of microbiology at the Sterling-

Winthrop Research Institute. Knowing how and where the drugs interact with their target will help in developing more effective compounds, McKinlay said, noting that researchers are still far from offering a "cure for the common cold." Furthermore, the virus tested, a type of human rhinovirus, is one of more than 100 known to cause the

so-called common cold. "These compounds will require further testing for efficacy and safety," McKinlay said. "The time required for marketing a new drug product averages seven to 10 years, from development to final approval."

— Roger Segelken

Job Opportunities *Continued*

nance. Experience in vehicle maintenance and repair. Valid New York State Driver's license required. Current Cornell employees may apply with transfer applications by September 26, 1986.
Minimum hourly rate: \$6.72

SENIOR SALES ASSISTANT, GR21 (G371) Campus Store
Assist Retail Manager with ordering, stocking and inventory; act as liaison with vendors, take bids and quotes for merchandise, wait on customers, provide functional supervision of departmental staff, and assist with customer merchandise.
Requirements: Associate's degree or equivalent; certified Photographic Counselor desired. Three years retail experience with basic knowledge of photography and electronic calculators. Ability to interact with vendors, demonstrate cameras and calculators and various photo supplies.
Minimum Biweekly Starting Salary: \$512.32

ANIMAL ATTENDANT, SO18 (G379) Veterinary Medical Teaching Hospital-Statutory
Routine barn chores, keep all areas clean, groom animals, clean, disinfect stalls after patient discharges. Assist students and clinicians when needed. Thursday through Monday; 5:00 a.m. to 2:30 p.m.
Requirements: High school diploma or equivalent. 3-5 years experience handling large animals; pail milking experience required. New York State Driver's license required. Ability to lift 75 pounds plus.
Minimum hourly rate: \$5.71

TECHNICAL ASSISTANT, GR17 (G3713) Plant Breeding and Biometry
Execute and maintain greenhouse, growth chamber, and field operations for a plant breeding program: duties include planting and maintaining alfalfa and smooth brome grass, cross-pollinating, harvesting, packaging seed and collecting data, occasional supervision of 1-2 part-time employees, planting, harvesting and maintaining plant nurseries. 1 year renewal contingent upon funding.
Requirements: Associate's degree or equivalent experience in agriculture or related biological science required. New York State Driver's license. Experience in lab techniques, experience in greenhouse and field plant culture desirable; record-keeping skills; operation of farm equipment.
Minimum Biweekly Starting Salary: \$409.53

DISHMACHINE OPERATOR, SO16 (G3714) Dining Services-Endowed
Operate and maintain dishmachine, pot and pan washing sinks, power hose and garbage grinder. Sort, clean, sanitize, inspect and store articles; ensure designated areas are stocked with articles at all times. Monday through Friday; shift subject to change.
Requirements: Ability to learn proper use of dishwashing equipment and cleansing agents. Ability to lift 35 pounds.
Minimum hourly rate: \$5.14

CUSTODIAN, SO16 (G3712) Residence Life-Endowed
Perform maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. Monday through Thursday 7:30 to 4:00. Friday 7:30 to 3:00.
Requirements: High school diploma or equivalent. Ability to operate a variety of heavy power operated equipment, climb an 8 foot ladder and lift 50 pounds.
Minimum hourly rate: \$5.14

CUSTODIAN, SO16 (G373) Dining Services-Endowed
Provide general maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. Tuesday through Saturday, shift subject to change.
Requirements: High school diploma or equivalent. Basic reading skills required. Able to operate cleaning equipment, climb an 8 foot ladder and lift 75 pounds.
Minimum hourly rate: \$5.14

CASHIER, GR15 (G3715) Dining Services
Transact cash and credit sales utilizing and electric cash register; tabulate daily figures and prepare deposit.
Requirements: High school diploma or equivalent. Basic reading and computation skills. 1-2 years related experience. Good interpersonal and communication skills required.
Minimum Biweekly Starting Salary: \$371.48

DOORCHECKER, SO14 (G378) Dining Services-Endowed
Check Co-op dining cards for validity as members enter dining areas and make sale transactions with guests either by cash or charge. Sunday through Thursday; 2 p.m. to 10:30 p.m.
Requirements: High school diploma or equivalent. Basic reading and computation skills required. Good interpersonal and communication skills.
Minimum hourly rate: \$4.66

FOOD SERVICE WORKER, SO14 (G372) Dining Services-Endowed
Set-up, display and serve food or beverage in service or dining area. Other food preparation or service duties as assigned. Monday through Friday, shift subject to change.
Requirements: Basic reading and computational skills required. Good customer relations skills. Knowledge of food handling preferred.
Minimum hourly rate: \$4.66

SENIOR SALES ASSISTANT, GR21 (G326) Unions & Activities-Report
Select and buy all retail products, design

promotional advertising and marketing campaigns, act as liaison between Associate Director and vendors, maintain inventory monitor and control, research and prepare quarterly reports, research proposals, retail modification, act as cashier, coordinate with graphics and programming staff, other duties as assigned by Associate Director. 10 month position.
Requirements: Bachelor's degree or 3 years of experience in retail management or marketing and promotions or equivalent combination. Excellent organizational and interpersonal skills.
Minimum Biweekly Starting Salary: \$512.32

DARKROOM TECHNICIAN (G294) Publications Photography - Repost
Process 35 mm film exposed by the university photographer to produce high quality custom photographic prints. Maintain existing photographic printing facility, file negatives, number prints, dry mount, other related photographic duties as assigned.
Requirements: Knowledge and experience as a darkroom technician in a custom photographic facility printing from 35 mm negatives. Apply in person at the East Hill Plaza Employment Office 9 a.m. to 12 noon, Monday through Friday.

TECHNICAL ASSISTANT, GR17 (G3713) Plant Breeding and Biometry
Execute and maintain greenhouse, growth chamber, and field operations for a plant breeding program: duties include planting and maintaining alfalfa and smooth brome grass, cross-pollinating, harvesting, packaging seed and collecting data, occasional supervision of 1-2 part-time employees, planting, harvesting and maintaining plant nurseries. 1 year renewal contingent upon funding.
Requirements: Associate's degree or equivalent experience in agriculture or related biological science required. New York State Driver's license. Experience in lab techniques, experience in greenhouse and field plant culture desirable; record-keeping skills; operation of farm equipment.
Minimum Biweekly Starting Salary: \$409.53

DISHMACHINE OPERATOR, SO16 (G3714) Dining Services-Endowed
Operate and maintain dishmachine, pot and pan washing sinks, power hose and garbage grinder. Sort, clean, sanitize, inspect and store articles; ensure designated areas are stocked with articles at all times. Monday through Friday; shift subject to change.
Requirements: Ability to learn proper use of dishwashing equipment and cleansing agents. Ability to lift 35 pounds.
Minimum hourly rate: \$5.14

CUSTODIAN, SO16 (G3712) Residence Life-Endowed
Perform maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. Monday through Thursday 7:30 to 4:00. Friday 7:30 to 3:00.
Requirements: High school diploma or equivalent. Ability to operate a variety of heavy power operated equipment, climb an 8 foot ladder and lift 50 pounds.
Minimum hourly rate: \$5.14

CUSTODIAN, SO16 (G373) Dining Services-Endowed
Provide general maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. Tuesday through Saturday, shift subject to change.
Requirements: High school diploma or equivalent. Basic reading skills required. Able to operate cleaning equipment, climb an 8 foot ladder and lift 75 pounds.
Minimum hourly rate: \$5.14

CASHIER, GR15 (G3715) Dining Services
Transact cash and credit sales utilizing and electric cash register; tabulate daily figures and prepare deposit.
Requirements: High school diploma or equivalent. Basic reading and computation skills. 1-2 years related experience. Good interpersonal and communication skills required.
Minimum Biweekly Starting Salary: \$371.48

DOORCHECKER, SO14 (G378) Dining Services-Endowed
Check Co-op dining cards for validity as members enter dining areas and make sale transactions with guests either by cash or charge. Sunday through Thursday; 2 p.m. to 10:30 p.m.
Requirements: High school diploma or equivalent. Basic reading and computation skills required. Good interpersonal and communication skills.
Minimum hourly rate: \$4.66

FOOD SERVICE WORKER, SO14 (G372) Dining Services-Endowed
Set-up, display and serve food or beverage in service or dining area. Other food preparation or service duties as assigned. Monday through Friday, shift subject to change.
Requirements: Basic reading and computational skills required. Good customer relations skills. Knowledge of food handling preferred.
Minimum hourly rate: \$4.66

SENIOR SALES ASSISTANT, GR21 (G326) Unions & Activities-Report
Select and buy all retail products, design

promotional advertising and marketing campaigns, act as liaison between Associate Director and vendors, maintain inventory monitor and control, research and prepare quarterly reports, research proposals, retail modification, act as cashier, coordinate with graphics and programming staff, other duties as assigned by Associate Director. 10 month position.
Requirements: Bachelor's degree or 3 years of experience in retail management or marketing and promotions or equivalent combination. Excellent organizational and interpersonal skills.
Minimum Biweekly Starting Salary: \$512.32

DARKROOM TECHNICIAN (G294) Publications Photography - Repost
Process 35 mm film exposed by the university photographer to produce high quality custom photographic prints. Maintain existing photographic printing facility, file negatives, number prints, dry mount, other related photographic duties as assigned.
Requirements: Knowledge and experience as a darkroom technician in a custom photographic facility printing from 35 mm negatives. Apply in person at the East Hill Plaza Employment Office 9 a.m. to 12 noon, Monday through Friday.

TECHNICAL ASSISTANT, GR17 (G3713) Plant Breeding and Biometry
Execute and maintain greenhouse, growth chamber, and field operations for a plant breeding program: duties include planting and maintaining alfalfa and smooth brome grass, cross-pollinating, harvesting, packaging seed and collecting data, occasional supervision of 1-2 part-time employees, planting, harvesting and maintaining plant nurseries. 1 year renewal contingent upon funding.
Requirements: Associate's degree or equivalent experience in agriculture or related biological science required. New York State Driver's license. Experience in lab techniques, experience in greenhouse and field plant culture desirable; record-keeping skills; operation of farm equipment.
Minimum Biweekly Starting Salary: \$409.53

DISHMACHINE OPERATOR, SO16 (G3714) Dining Services-Endowed
Operate and maintain dishmachine, pot and pan washing sinks, power hose and garbage grinder. Sort, clean, sanitize, inspect and store articles; ensure designated areas are stocked with articles at all times. Monday through Friday; shift subject to change.
Requirements: Ability to learn proper use of dishwashing equipment and cleansing agents. Ability to lift 35 pounds.
Minimum hourly rate: \$5.14

CUSTODIAN, SO16 (G3712) Residence Life-Endowed
Perform maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. Monday through Thursday 7:30 to 4:00. Friday 7:30 to 3:00.
Requirements: High school diploma or equivalent. Ability to operate a variety of heavy power operated equipment, climb an 8 foot ladder and lift 50 pounds.
Minimum hourly rate: \$5.14

CUSTODIAN, SO16 (G373) Dining Services-Endowed
Provide general maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. Tuesday through Saturday, shift subject to change.
Requirements: High school diploma or equivalent. Basic reading skills required. Able to operate cleaning equipment, climb an 8 foot ladder and lift 75 pounds.
Minimum hourly rate: \$5.14

tion in canines preferred. Experience with radioisotopes required. Submit cover letter and resume by October 3 to Judi Pulkinen
Minimum Biweekly Starting Salary: \$457.09

TECHNICIAN, GR19 (T375) Animal Science
Data collection and analysis from live animals using ultrasound. Care, maintain, transport, use of ultrasound and video equipment. Assist during slaughter of experimental animals. Direct carcass measurements and ultrasound carcass measures. Ultrasound image interpretation using sonic digitizer and video tapes. Inspection scans.
Requirements: B.S. in Animal Science with lab and lecture work in Meats Science. NYS Driver's license. At least 6 months experience with real time ultrasound, video equipment and use of IBM personal computer. Knowledge of minitab and word star. Good communication and interpersonal skills. Send cover letter and resume by October 3 to Judi Pulkinen.
Minimum Biweekly Starting Salary: \$457.09

TECHNICIAN, GR21 (T365) Plant Pathology
Design and carry out experiments to test potential use of plant viral satellite clones as vectors for cloning in plants. Techniques include DNA constructions, molecular cloning, hybridization analyses, and assays on whole plants.
Requirements: Bachelor's degree or equivalent in Biochemistry, Genetics or related field. One year of related laboratory experience involving nucleic acid molecular biology. Apply to Judi Pulkinen.
Minimum Biweekly Starting Salary: \$512.32

TECHNICAL ASSISTANT, GR17 (G3713) Plant Breeding and Biometry
Execute and maintain greenhouse, growth chamber, and field operations for a plant breeding program: duties include planting and maintaining alfalfa and smooth brome grass, cross-pollinating, harvesting, packaging seed and collecting data, occasional supervision of 1-2 part-time employees, planting, harvesting and maintaining plant nurseries. 1 year renewal contingent upon funding.
Requirements: Associate's degree or equivalent experience in agriculture or related biological science required. New York State Driver's license. Experience in lab techniques, experience in greenhouse and field plant culture desirable; record-keeping skills; operation of farm equipment.
Minimum Biweekly Starting Salary: \$409.53

DISHMACHINE OPERATOR, SO16 (G3714) Dining Services-Endowed
Operate and maintain dishmachine, pot and pan washing sinks, power hose and garbage grinder. Sort, clean, sanitize, inspect and store articles; ensure designated areas are stocked with articles at all times. Monday through Friday; shift subject to change.
Requirements: Ability to learn proper use of dishwashing equipment and cleansing agents. Ability to lift 35 pounds.
Minimum hourly rate: \$5.14

CUSTODIAN, SO16 (G3712) Residence Life-Endowed
Perform maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. Monday through Thursday 7:30 to 4:00. Friday 7:30 to 3:00.
Requirements: High school diploma or equivalent. Ability to operate a variety of heavy power operated equipment, climb an 8 foot ladder and lift 50 pounds.
Minimum hourly rate: \$5.14

CUSTODIAN, SO16 (G373) Dining Services-Endowed
Provide general maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. Tuesday through Saturday, shift subject to change.
Requirements: High school diploma or equivalent. Basic reading skills required. Able to operate cleaning equipment, climb an 8 foot ladder and lift 75 pounds.
Minimum hourly rate: \$5.14

CASHIER, GR15 (G3715) Dining Services
Transact cash and credit sales utilizing and electric cash register; tabulate daily figures and prepare deposit.
Requirements: High school diploma or equivalent. Basic reading and computation skills. 1-2 years related experience. Good interpersonal and communication skills required.
Minimum Biweekly Starting Salary: \$371.48

DOORCHECKER, SO14 (G378) Dining Services-Endowed
Check Co-op dining cards for validity as members enter dining areas and make sale transactions with guests either by cash or charge. Sunday through Thursday; 2 p.m. to 10:30 p.m.
Requirements: High school diploma or equivalent. Basic reading and computation skills required. Good interpersonal and communication skills.
Minimum hourly rate: \$4.66

FOOD SERVICE WORKER, SO14 (G372) Dining Services-Endowed
Set-up, display and serve food or beverage in service or dining area. Other food preparation or service duties as assigned. Monday through Friday, shift subject to change.
Requirements: Basic reading and computational skills required. Good customer relations skills. Knowledge of food handling preferred.
Minimum hourly rate: \$4.66

SENIOR SALES ASSISTANT, GR21 (G326) Unions & Activities-Report
Select and buy all retail products, design

promotional advertising and marketing campaigns, act as liaison between Associate Director and vendors, maintain inventory monitor and control, research and prepare quarterly reports, research proposals, retail modification, act as cashier, coordinate with graphics and programming staff, other duties as assigned by Associate Director. 10 month position.
Requirements: Bachelor's degree or 3 years of experience in retail management or marketing and promotions or equivalent combination. Excellent organizational and interpersonal skills.
Minimum Biweekly Starting Salary: \$512.32

DARKROOM TECHNICIAN (G294) Publications Photography - Repost
Process 35 mm film exposed by the university photographer to produce high quality custom photographic prints. Maintain existing photographic printing facility, file negatives, number prints, dry mount, other related photographic duties as assigned.
Requirements: Knowledge and experience as a darkroom technician in a custom photographic facility printing from 35 mm negatives. Apply in person at the East Hill Plaza Employment Office 9 a.m. to 12 noon, Monday through Friday.

TECHNICAL ASSISTANT, GR17 (G3713) Plant Breeding and Biometry
Execute and maintain greenhouse, growth chamber, and field operations for a plant breeding program: duties include planting and maintaining alfalfa and smooth brome grass, cross-pollinating, harvesting, packaging seed and collecting data, occasional supervision of 1-2 part-time employees, planting, harvesting and maintaining plant nurseries. 1 year renewal contingent upon funding.
Requirements: Associate's degree or equivalent experience in agriculture or related biological science required. New York State Driver's license. Experience in lab techniques, experience in greenhouse and field plant culture desirable; record-keeping skills; operation of farm equipment.
Minimum Biweekly Starting Salary: \$409.53

DISHMACHINE OPERATOR, SO16 (G3714) Dining Services-Endowed
Operate and maintain dishmachine, pot and pan washing sinks, power hose and garbage grinder. Sort, clean, sanitize, inspect and store articles; ensure designated areas are stocked with articles at all times. Monday through Friday; shift subject to change.
Requirements: Ability to learn proper use of dishwashing equipment and cleansing agents. Ability to lift 35 pounds.
Minimum hourly rate: \$5.14

CUSTODIAN, SO16 (G3712) Residence Life-Endowed
Perform maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. Monday through Thursday 7:30 to 4:00. Friday 7:30 to 3:00.
Requirements: High school diploma or equivalent. Ability to operate a variety of heavy power operated equipment, climb an 8 foot ladder and lift 50 pounds.
Minimum hourly rate: \$5.14

CUSTODIAN, SO16 (G373) Dining Services-Endowed
Provide general maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. Tuesday through Saturday, shift subject to change.
Requirements: High school diploma or equivalent. Basic reading skills required. Able to operate cleaning equipment, climb an 8 foot ladder and lift 75 pounds.
Minimum hourly rate: \$5.14

Familiarity with dairy chemistry and dairy microbiology principles. Experience with computers helpful. Apply by September 26.

TECHNICIAN, GR19 (T375) Animal Science
Data collection and analysis from live animals using ultrasound. Care, maintain, transport, use of ultrasound and video equipment. Assist during slaughter of experimental animals. Direct carcass measurements and ultrasound carcass measures. Ultrasound image interpretation using sonic digitizer and video tapes. Inspection scans.
Requirements: B.S. in Animal Science with lab and lecture work in Meats Science. NYS Driver's license. At least 6 months experience with real time ultrasound, video equipment and use of IBM personal computer. Knowledge of minitab and word star. Good communication and interpersonal skills. Send cover letter and resume by October 3 to Judi Pulkinen.
Minimum Biweekly Starting Salary: \$457.09

TECHNICAL ASSISTANT, GR17 (G3713) Plant Breeding and Biometry
Execute and maintain greenhouse, growth chamber, and field operations for a plant breeding program: duties include planting and maintaining alfalfa and smooth brome grass, cross-pollinating, harvesting, packaging seed and collecting data, occasional supervision of 1-2 part-time employees, planting, harvesting and maintaining plant nurseries. 1 year renewal contingent upon funding.
Requirements: Associate's degree or equivalent experience in agriculture or related biological science required. New York State Driver's license. Experience in lab techniques, experience in greenhouse and field plant culture desirable; record-keeping skills; operation of farm equipment.
Minimum Biweekly Starting Salary: \$409.53

DISHMACHINE OPERATOR, SO16 (G3714) Dining Services-Endowed
Operate and maintain dishmachine, pot and pan washing sinks, power hose and garbage grinder. Sort, clean, sanitize, inspect and store articles; ensure designated areas are stocked with articles at all times. Monday through Friday; shift subject to change.
Requirements: Ability to learn proper use of dishwashing equipment and cleansing agents. Ability to lift 35 pounds.
Minimum hourly rate: \$5.14

CUSTODIAN, SO16 (G3712) Residence Life-Endowed
Perform maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. Monday through Thursday 7:30 to 4:00. Friday 7:30 to 3:00.
Requirements: High school diploma or equivalent. Ability to operate a variety of heavy power operated equipment, climb an 8 foot ladder and lift 50 pounds.
Minimum hourly rate: \$5.14

CUSTODIAN, SO16 (G373) Dining Services-Endowed
Provide general maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. Tuesday through Saturday, shift subject to change.
Requirements: High school diploma or equivalent. Basic reading skills required. Able to operate cleaning equipment, climb an 8 foot ladder and lift 75 pounds.
Minimum hourly rate: \$5.14

CASHIER, GR15 (G3715) Dining Services
Transact cash and credit sales utilizing and electric cash register; tabulate daily figures and prepare deposit.
Requirements: High school diploma or equivalent. Basic reading and computation skills. 1-2 years related experience. Good interpersonal and communication skills required.
Minimum Biweekly Starting Salary: \$371.48

DOORCHECKER, SO14 (G378) Dining Services-Endowed
Check Co-op dining cards for validity as members enter dining areas and make sale transactions with guests either by cash or charge. Sunday through Thursday; 2 p.m. to 10:30 p.m.
Requirements: High school diploma or equivalent. Basic reading and computation skills required. Good interpersonal and communication skills.
Minimum hourly rate: \$4.66

FOOD SERVICE WORKER, SO14 (G372) Dining Services-Endowed
Set-up, display and serve food or beverage in service or dining area. Other food preparation or service duties as assigned. Monday through Friday, shift subject to change.
Requirements: Basic reading and computational skills required. Good customer relations skills. Knowledge of food handling preferred.
Minimum hourly rate: \$4.66

SENIOR SALES ASSISTANT, GR21 (G326) Unions & Activities-Report
Select and buy all retail products, design

promotional advertising and marketing campaigns, act as liaison between Associate Director and vendors, maintain inventory monitor and control, research and prepare quarterly reports, research proposals, retail modification, act as cashier, coordinate with graphics and programming staff, other duties as assigned by Associate Director. 10 month position.
Requirements: Bachelor's degree or 3 years of experience in retail management or marketing and promotions or equivalent combination. Excellent organizational and interpersonal skills.
Minimum Biweekly Starting Salary: \$512.32

DARKROOM TECHNICIAN (G294) Publications Photography - Repost
Process 35 mm film exposed by the university photographer to produce high quality custom photographic prints. Maintain existing photographic printing facility, file negatives, number prints, dry mount, other related photographic duties as assigned.
Requirements: Knowledge and experience as a darkroom technician in a custom photographic facility printing from 35 mm negatives. Apply in person at the East Hill Plaza Employment Office 9 a.m. to 12 noon, Monday through Friday.

TECHNICAL ASSISTANT, GR17 (G3713) Plant Breeding and Biometry
Execute and maintain greenhouse, growth chamber, and field operations for a plant breeding program: duties include planting and maintaining alfalfa and smooth brome grass, cross-pollinating, harvesting, packaging seed and collecting data, occasional supervision of 1-2 part-time employees, planting, harvesting and maintaining plant nurseries. 1 year renewal contingent upon funding.
Requirements: Associate's degree or equivalent experience in agriculture or related biological science required. New York State Driver's license. Experience in lab techniques, experience in greenhouse and field plant culture desirable; record-keeping skills; operation of farm equipment.
Minimum Biweekly Starting Salary: \$409.53

DISHMACHINE OPERATOR, SO16 (G3714) Dining Services-Endowed
Operate and maintain dishmachine, pot and pan washing sinks, power hose and garbage grinder. Sort, clean, sanitize, inspect and store articles; ensure designated areas are stocked with articles at all times. Monday through Friday; shift subject to change.
Requirements: Ability to learn proper use of dishwashing equipment and cleansing agents. Ability to lift 35 pounds.
Minimum hourly rate: \$5.14

CUSTODIAN, SO16 (G3712) Residence Life-Endowed
Perform maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. Monday through Thursday 7:30 to 4:00. Friday 7:30 to 3:00.
Requirements: High school diploma or equivalent. Ability to operate a variety of heavy power operated equipment, climb an 8 foot ladder and lift 50 pounds.
Minimum hourly rate: \$5.14

CUSTODIAN, SO16 (G373) Dining Services-Endowed
Provide general maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. Tuesday through Saturday, shift subject to change.
Requirements: High school diploma or equivalent. Basic reading skills required. Able to operate cleaning equipment, climb an 8 foot ladder and lift 75 pounds.
Minimum hourly rate: \$5.14

RESEARCH AIDE, GR20 (T365) Natural Resources
Assist in compilation, statistical analysis, and writing reports pertaining to a large data base generated on Canada geese. Assist in field and technical aspects of other waterfowl related projects. Full-time, temporary until September 30, 1987.
Requirements: Bachelor's in Wildlife Science or related field; graduate study preferred. Extensive background in waterfowl related projects, statistical expertise, and demonstrated writing ability. Apply by September 26, 1986 to Judi Pulkinen.
Minimum Biweekly Starting Salary: \$482.33

months current bus driving experience. Minimum hourly rate: \$6.34

TECHNICIAN, GR19 (T375) Animal Science
Data collection and analysis from live animals using ultrasound. Care, maintain, transport, use of ultrasound and video equipment. Assist during slaughter of experimental animals. Direct carcass measurements and ultrasound carcass measures. Ultrasound image interpretation using sonic digitizer and video tapes. Inspection scans.
Requirements: B.S. in Animal Science with lab and lecture work in Meats Science. NYS Driver's license. At least 6 months experience with real time ultrasound, video equipment and use of IBM personal computer. Knowledge of minitab and word star. Good communication and interpersonal skills. Send cover letter and resume by October 3 to Judi Pulkinen.
Minimum Biweekly Starting Salary: \$457.09

TECHNICAL ASSISTANT, GR17 (G3713) Plant Breeding and Biometry
Execute and maintain greenhouse, growth chamber, and field operations for a plant breeding program: duties include planting and maintaining alfalfa and smooth brome grass, cross-pollinating, harvesting, packaging seed and collecting data, occasional supervision of 1-2 part-time employees, planting, harvesting and maintaining plant nurseries. 1 year renewal contingent upon funding.
Requirements: Associate's degree or equivalent experience in agriculture or related biological science required. New York State Driver's license. Experience in lab techniques, experience in greenhouse and field plant culture desirable; record-keeping skills; operation of farm equipment.
Minimum Biweekly Starting Salary: \$409.53

DISHMACHINE OPERATOR, SO16 (G3714) Dining Services-Endowed
Operate and maintain dishmachine, pot and pan washing sinks, power hose and garbage grinder. Sort, clean, sanitize, inspect and store articles; ensure designated areas are stocked with articles at all times. Monday through Friday; shift subject to change.
Requirements: Ability to learn proper use of dishwashing equipment and cleansing agents. Ability to lift 35 pounds.
Minimum hourly rate: \$5.14

CUSTODIAN, SO16 (G3712) Residence Life-Endowed
Perform maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. Monday through Thursday 7:30 to 4:00. Friday 7:30 to 3:00.
Requirements: High school diploma or equivalent. Ability to operate a variety of heavy power operated equipment, climb an 8 foot ladder and lift 50 pounds.
Minimum hourly rate: \$5.14

CUSTODIAN, SO16 (G373) Dining Services-Endowed
Provide general maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. Tuesday through Saturday, shift subject to change.
Requirements: High school diploma or equivalent. Basic reading skills required. Able to operate cleaning equipment, climb an 8 foot ladder and lift 75 pounds.
Minimum hourly rate: \$5.14

CASHIER, GR15 (G3715) Dining Services
Transact cash and credit sales utilizing and electric cash register; tabulate daily figures and prepare deposit.
Requirements: High school diploma or equivalent. Basic reading and computation skills. 1-2 years related experience. Good interpersonal and communication skills required.
Minimum Biweekly Starting Salary: \$371.48

DOORCHECKER, SO14 (G378) Dining Services-Endowed
Check Co-op dining cards for validity as members enter dining areas and make sale transactions with guests either by cash or charge. Sunday through Thursday; 2 p.m. to 10:30 p.m.
Requirements: High school diploma or equivalent. Basic reading and computation skills required. Good interpersonal and communication skills.
Minimum hourly rate: \$4.66

FOOD SERVICE WORKER, SO14 (G372) Dining Services-Endowed
Set-up, display and serve food or beverage in service or dining area. Other food preparation or service duties as assigned. Monday through Friday, shift subject to change.
Requirements: Basic reading and computational skills required. Good customer relations skills. Knowledge of food handling preferred.
Minimum hourly rate: \$4.66

SENIOR SALES ASSISTANT, GR21 (G326) Unions & Activities-Report
Select and buy all retail products, design

promotional advertising and marketing campaigns, act as liaison between Associate Director and vendors, maintain inventory monitor and control, research and prepare quarterly reports, research proposals, retail modification, act as cashier, coordinate with graphics and programming staff, other duties as assigned by Associate Director. 10 month position.
Requirements: Bachelor's degree or 3 years of experience in retail management or marketing and promotions or equivalent combination. Excellent organizational and interpersonal skills.
Minimum Biweekly Starting Salary: \$512.32

DARKROOM TECHNICIAN (G294) Publications Photography - Repost
Process 35 mm film exposed by the university photographer to produce high quality custom photographic prints. Maintain existing photographic printing facility, file negatives, number prints, dry mount, other related photographic duties as assigned.
Requirements: Knowledge and experience as a darkroom technician in a custom photographic facility printing from 35 mm negatives. Apply in person at the East Hill Plaza Employment Office 9 a.m. to 12 noon, Monday through Friday.

TECHNICAL ASSISTANT, GR17 (G3713) Plant Breeding and Biometry
Execute and maintain greenhouse, growth chamber, and field operations for a plant breeding program: duties include planting and maintaining alfalfa and smooth brome grass, cross-pollinating, harvesting, packaging seed and collecting data, occasional supervision of 1-2 part-time employees, planting, harvesting and maintaining plant nurseries. 1 year renewal contingent upon funding.
Requirements: Associate's degree or equivalent experience in agriculture or related biological science required. New York State Driver's license. Experience in lab techniques, experience in greenhouse and field plant culture desirable; record-keeping skills; operation of farm equipment.
Minimum Biweekly Starting Salary: \$409.53

DISHMACHINE OPERATOR, SO16 (G3714) Dining Services-Endowed
Operate and maintain dishmachine, pot and pan washing sinks, power hose and garbage grinder. Sort, clean, sanitize, inspect and store articles; ensure designated areas are stocked with articles at all times. Monday through Friday; shift subject to change.
Requirements: Ability to learn proper use of dishwashing equipment and cleansing agents. Ability to lift 35 pounds.
Minimum hourly rate: \$5.14

CUSTODIAN, SO16 (G3712) Residence Life-Endowed
Perform maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. Monday through Thursday 7:30 to 4:00. Friday 7:30 to 3:00.
Requirements: High school diploma or equivalent. Ability to operate a variety of heavy power operated equipment, climb an 8 foot ladder and lift 50 pounds.
Minimum hourly rate: \$5.14

CUSTODIAN, SO16 (G373) Dining Services-Endowed
Provide general maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. Tuesday through Saturday, shift subject to change.
Requirements: High school diploma or equivalent. Basic reading skills required. Able to operate cleaning equipment, climb an 8 foot ladder and lift 75 pounds.
Minimum hourly rate: \$5.14

RESEARCH AIDE, GR20 (T365) Natural Resources
Assist in compilation, statistical analysis, and writing reports pertaining to a large data base generated on Canada geese. Assist in field and technical aspects of other waterfowl related projects. Full-time, temporary until September 30, 1987.
Requirements: Bachelor's in Wildlife Science or related field; graduate study preferred. Extensive background in waterfowl related projects, statistical expertise, and demonstrated writing ability. Apply by September 26, 1986 to Judi Pulkinen.
Minimum Biweekly Starting Salary: \$482.33

Temporary

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

RECEPTIONIST (C377) Academic Computing
Answer three phone lines for approximately 70 staff members; greet public; handle daily US and campus mail; type, file and other duties as assigned. Part-time casual.
Requirements: High school diploma or equivalent. Medium typing. Computer or secretarial related courses preferred. Some office experience required.
Minimum hourly rate: \$4.00

RECORDS ASSISTANT (C348) A.R. Mann Library - Repost
Input data into RLIN database. File catalog cards into card catalogs. Type cross-reference cards, shelf books; other duties as assigned. Flexible 19 hours per week until June 3, 1987.
Requirements: High school diploma or equivalent. Medium typing. Ability to perform highly detailed and repetitive tasks accurately. Office or computer experience helpful.

TECHNICIAN, GR18 (T362) Ornithology
Edit and incorporate field tape recordings of animal sounds into collection of Library of Natural Sounds. Prepare and enter into a computer

SPORTS

Five varsity teams begin their 1986 campaigns this weekend as the fall sports season kicks into high gear.

The football, lightweight football and women's soccer teams each have home openers, while the women's volleyball and men's golf teams travel to away tournaments. Two other squads, men's soccer and men's and women's cross country, continue their seasons with home matches on Friday.

Football

Football head coach Maxie Baughan is hoping that two scrimmages and several weeks of productive practice sessions have revved the gridders up for their first contest against Princeton.

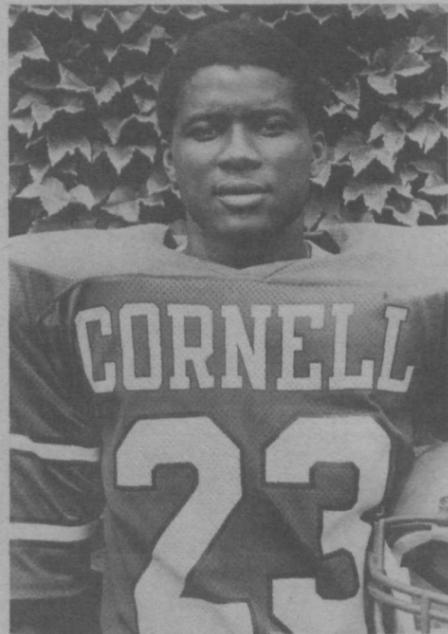
The Red and the Tigers will take to Schoellkopf Field Saturday at 1 p.m.

Cornell has looked strong over the past few weeks, especially at two preseason drills. The first, a non-scoring matchup with Ithaca College on Sept. 6, consisted of several situation drills, mostly full-contact, and Baughan was pleased with Cornell's performance against the traditionally tough Bombers.

The defensive unit was especially solid for the Red, highlighted by a touchdown interception and return by Mike Raich during an Ithaca offensive series. Another standout for the Red was defensive end Tom McHale, a 6-foot-4, 260-pound senior, who did an impressive job blocking for fullback Jeff Johnson in goal-line situations.

At the annual Red-White scrimmage on Sept. 13, the Red got the chance for a full speed scoring game, against itself, in preparation for next week's matchup. Several players shone for the Red, especially senior fullback Johnson and sophomore halfback Solomon Pugh.

Pugh has emerged from the pack as the latest addition to the position once occupied by football greats Ed Marinaro and Derrick Harmon. He ripped off a 30-yard run Saturday, and caught a nine-yard touchdown pass from starting quarterback Marty Stallone. He also galloped to another 45-yard touchdown, but the score was disallowed due to an illegal offensive formation. Johnson also had a good day, running for 47 yards on 10 carries.



Sophomore Solomon Pugh

'Sports-Rap' radio

Cornell "Sports-Rap," Ithaca's only live, call-in sports show concerning Big Red athletics, will air Monday nights from 7:06 p.m.-8 p.m.

WHCU sports director Barry Leonard and Cornell head football coach Maxie Baughan will co-host the show.

Each week, a studio guest related to Big Red athletics will be featured, as well as live and recorded interviews with past and present Cornell athletes. Also included in the show's format are roundtable discussions, a review of the past week of Cornell sports action, phone calls to Baughan and studio guests, and a "Cornell Sports Trivia" contest which will allow listeners to win a pair of tickets to upcoming Big Red sporting events.

Lightweight football

The Cornell lightweight football team will open its season Sept. 19 when it entertains Army in a non-league contest at 7:30 p.m. on Schoellkopf Field. The two schools will clash again in an Eastern Lightweight Football League (ELFL) game later in the season.

Last year the Big Red won its home opener against a tough squad of Cadets, 10-9. Cornell jumped out to an early lead and withstood a late charge by Army. With a minute remaining, Army scored and elected to go for the two-point conversion and the win. The Red defense came through and stopped Army in time to preserve a victory. In their second matchup of the season at the Anthracite Bowl, Army overwhelmed Cornell 27-0.

Last year the Red closed out its season with a 3-3-1 record in the ELFL. This year, it looks to improve its showing, as 22 seniors return, along with a host of underclass lettermen. Heading the list are senior tailbacks Steve Call and tri-captain Bill Bellamy. Returning at quarterback is junior Dave Zitel who will be throwing to senior flanker Steve Bloom and sophomore wide receiver Mark Greene. Senior guards Kevin Smith and tri-captain John Danner anchor the offensive line.

Cornell's defense should be a strong point this year with senior Steve Griffen and tri-captain, All-League selection Rich Islinger back to bolster the line. The linebacking corps will be anchored by seniors Greg DiMeglio and Chris Kelder. Sophomore Walt O'Shea and junior Peter Hornack head the secondary, while two-time All-League selection Bellamy returns to the punting position.

Women's soccer

Fifth-year head coach Randy May welcomes back 14 letter winners this fall, including nine players who have lettered at least twice. This wealth of experienced personnel figures to enhance the team's chances for its first Ivy League championship. Cornell's season gets underway Sept. 20, when it meets Princeton at last year's 6-6-2 slate. The Red is looking to continue its upward trend in the win column by starting out with a victory.

The Red will be led by junior forward Laurie Collier, who led the team last year in scoring with six goals, three assists, 15 points, and picked up first-team All Ivy and third team All-America honors on the way. The front line will also be strenghtened by junior forward Cindy Bishop and classmates Alice McAneny and Kristin McCarthy — a duo of Mc-scoring threats. The midfield will be led by a pair of three-year letter winners, seniors Jackie Purpura and Noreen Morris, and junior Kendra Eaton.

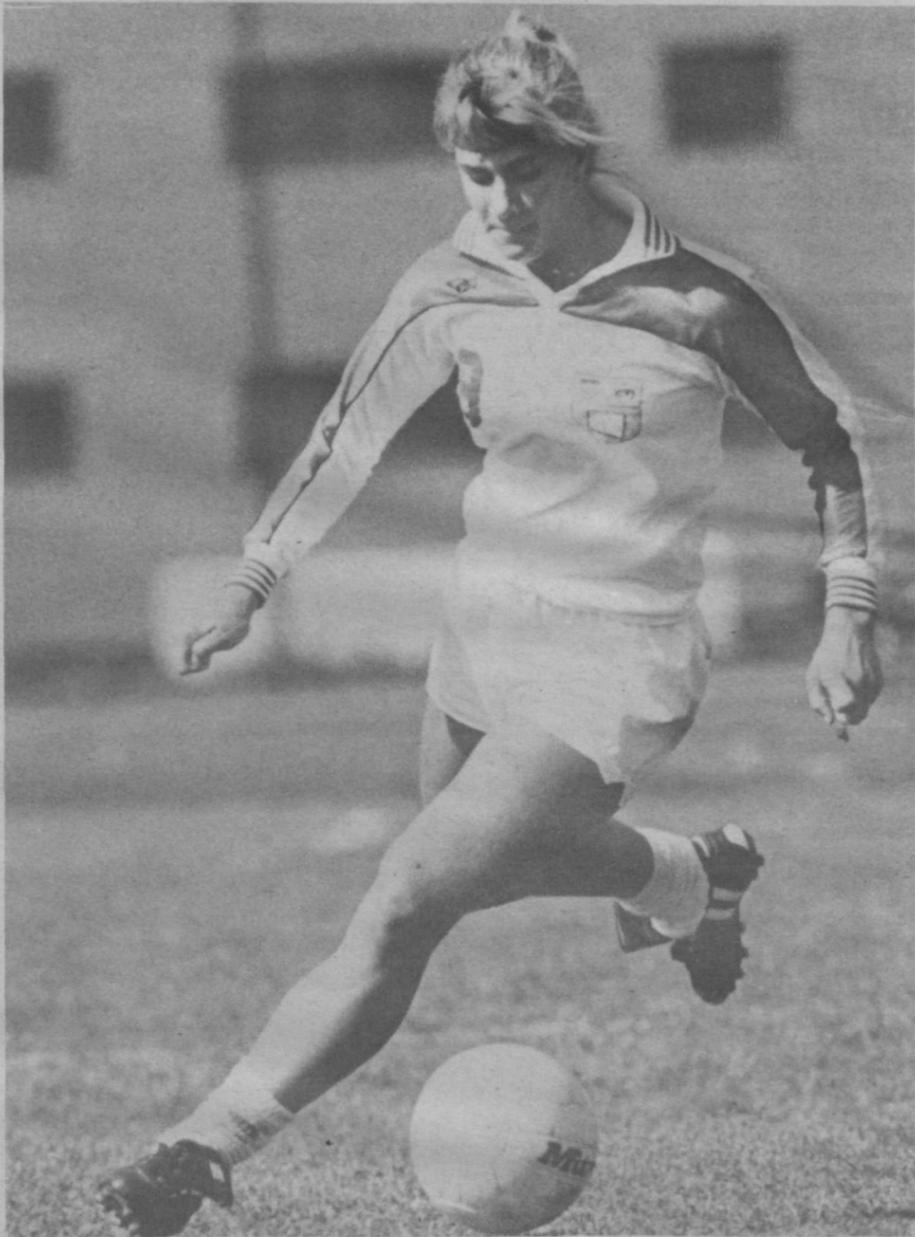
Defense, the star of the 1985 season, looks as strong as ever, as junior back Allison Goldwasser, a unanimous first team All-Ivy selection, returns to anchor the unit. Seniors Terri Moore and Lesley Wagner round out the line. Junior goalie Sherrie Chocola, the goal-stopping sensation from last year, will mind the nets again in 1986.

Volleyball

The Cornell women's volleyball team opens its season this weekend when it travels to the Bucknell Invitational. And, if last year's 30-9 final record is any indication, the spikers should be on their way to another sparkling season. The youthful team of last year has blossomed into a group of well-polished performers, and strength and talent are now the norm at every position.

Senior co-captain Jamille Moens and Brenda Collins head the list of experienced personnel returning to the Red lineup. Moens is a sure bet for a starting position at setter, while Collins will add her defensive expertise at an outside blocking position. In addition, the squad will be bolstered by the return of senior Sandra Berzups, who was out last year with a knee injury. Berzups is competing for a starting position as an outside hitter.

An outstanding group of underclassmen rounds out the team. Sophomores Kathy Klein and Barb Drugan are both strong middle hitters, and classmates Pam Burke, Joanne Korakis and Tere Duran all made meaningful contributions to the team last year. In addition, 13th year coach Andrea Dutcher has an outstanding group of young recruits for the team. Six-foot-one inch Becky Merchant leads the pack and looks very



Junior Laurie Collier will anchor the offensive unit of the women's soccer team.

strong in the front row, while freshman classmate Ana Fajardo is another new face with a lot of spiking potential.

Golf

The Cornell men's golf team will swing into its 1986 season on September 19-21 at the Yale Invitational. The tournament will be an early test for the young Cornell squad, as the Red will be facing top competitors from 32 other schools.

The squad will compete in two tournaments this fall, in addition to the ECAC qualifying and championship rounds. Head coach Jim Fenner, entering his 15th season as mentor of the linksmen, is enthusiastic about his team's potential, despite the loss of four-year letterman and Ivy champion James Bird. Several quality golfers turned up for the team tryouts, and overall, the team should have depth and strength down the line.

Leading the pack in early season practice is junior Edward Reidy, a transfer from Corning Community College, who assumes the number one position in the lineup. Another junior, Peter Mehnert takes over at number three.

The Red will also be bolstered this year by returnees Daniel Hartman, a junior who tal-

lied an 81.3 stroke average last year, classmate Christopher Peterson, who will tee off at number five, and sophomores Richard Lipsey, at number two, and Larry Mayer. Highly touted recruit, freshman Paul Albanese, breaks into the lineup at number four.

Men's soccer

The men's soccer team holds its home opener Saturday night when it takes on Ivy foe Princeton at 7:30 p.m. on Schoellkopf Field. The men are coming off a tough match with Brooklyn College on Tuesday. This weekend kicks off the Red's campaign to take the Ivy crown, an honor it battled for down to the last game last season. Last year, the Red had an easy time defeating the Tigers, 3-1.

Cross country

The men's and women's cross country teams take on three opponents tomorrow at the Moakley Course when Syracuse, Army and East Stroudsburg travel to Ithaca. The meet will begin at 5:15 p.m. The Red opened its season earlier this week at home when it took on Cortland.

— Marcy Dubroff

The week in sports

Friday 9/19

Women's cross country-Syracuse, Army & E. Stroudsburg, 4:45 p.m., Moakley Course.

Men's cross country-Syracuse, Army & E. Stroudsburg, 5:15 p.m., Moakley Course.

Lightweight football-Army, 7:30 p.m., Schoellkopf.

Saturday 9/20

Women's field hockey-Princeton, 10 a.m., Schoellkopf.

Women's soccer-Princeton, 11 a.m., alumni fields.

Varsity football-Princeton, 1 p.m., Schoellkopf.

Men's soccer-Princeton, 7:30 p.m., Schoellkopf.

Sunday 9/21

Lightweight football-alumni, 11:30 a.m., Schoellkopf.

Women's soccer-Missouri at St. Louis, 1:30 p.m., Schoellkopf.

Monday 9/22

Women's junior varsity soccer-at Hartwick, 3:30 p.m.

Junior varsity football-Brockport, 4:30 p.m., Schoellkopf.

Varsity soccer-Colgate, 7:30 p.m., Schoellkopf.

Tuesday 9/23

Women's tennis-Ithaca College, 4 p.m.

Volleyball-Ithaca College, 7 p.m.

Wednesday 9/24

Men's junior varsity soccer-at Cortland, 4 p.m.

Women's field hockey-William Smith, 7:30 p.m., Schoellkopf.

Thursday 9/25

Women's junior varsity soccer-William Smith, 4:30 p.m., Schoellkopf.

Networking

A Cornell Newsletter Published by Employees for Employees

Volume 7, Number 10

Thursday, September 18, 1986



Maxie Baughan

Leadership Leads

Coach Maxie Baughan Receives Award

by George Peter

Cornell head football coach, Maxie C. Baughan, was honored recently when he was presented the 1986 Mason of the Year Award. Another NFL great, Coach Eddie Khayat, of the New England Patriots, came to Ithaca for the presentation and to speak on behalf of his colleague and friend, Maxie. Coach emeritus, Bob Cullen, representing the other coaches, praised Maxie Baughan as a fair and effective leader.

Running back, Londell McMillan, was spokesman for the varsity football team. He said that Coach Baughan exemplifies all that is important in leading people to success:

"C—stands for COMPETITIVE. Coach Baughan is competitive. His competitiveness is contagious to the rest of the team.

O—is for OPPORTUNITY. He tries to give opportunity to each player to help breed competitiveness.

A—is for AWARE. Coach Maxie is aware of each team member and his concerns, aspirations and needs.

C—is for CARING. The coach is not only aware but also cares about each player.

H—is for HUNGRY. Coach Maxie is hungry to win and is hungry to see that each team member is instilled with the competitive spirit to do the very best on the field as well as scholastically."

Every supervisor of people would do well to be the kind of "COACH" that Maxie Baughan is described to be.

Coach Maxie Baughan became Cornell's 20th head football coach on January 10, 1983 after an outstanding career as player and coach in both college and the National Football League. A graduate of Georgia Tech University in

1960, with a degree in industrial management, he was an All-American center, Southeastern Conference Lineman of the Year, Gator Bowl Most Valuable Player of the Year, and played in the Hula Bowl and College All-Star game in 1959. He played 13 years in the NFL for the Eagles, Rams and Redskins. He was an All-Pro linebacker four times and played in the Pro Bowl nine times.

That same evening awards were given for outstanding leadership to Keith Shoates of the Black Greek Council, to Felicia Miller of the Panhellenic Council and to Peter Quinter and Jeffrey Lowe of the Intra-fraternal Council.

Other Cornell affiliated recipients of this award have been Professor Van B. Hart, 1963; Dr. Norman S. Moore, 1972; Dr. Wendell Bryce, 1975; Dean Solomon Hollister, 1977; Trustee Bruce Widger, 1979; Frederick "Ben" Williams, 1981; George Peter, 1982; Laing Kennedy, 1983; and Noel Desch, 1985.



On the Value of Stars, the Compass, and Shoreline

In Part I last issue it was seen that criticism is necessary and valuable experience in life, though it is sometimes unconstructive and sometimes painful. The pain involved in criticism comes from having to revise our self-image, not infrequently taking a blow to our self-esteem. We can learn to take advantage of criticism though by appreciating its role, viewing it in balanced perspective, and giving and taking it responsibly. Following are suggestions for doing this.

TO GIVE HELPFUL CRITICISM:

1. Make certain your criticism is justified, and that you're not the one who "owns the problem."
2. Make sure the criticism is worth giving, considering the feelings it might arouse.
3. Wait for the appropriate time to deliver the criticism. When you feel like criticizing is not the deciding factor on timing; in fact, it's apt to be the wrong time.
4. Deliver the criticism respectfully and kindly. Be humble.
5. Give criticism in manageable portions, and with manageable frequency. We sometimes criticize too often, as well as too severely.
6. Have a point to the criticism: focus on a specific change which is both desired and possible to achieve.
7. Balance negative criticism with positive evaluation. (In fact, try to outdo the negative with the positive.)
8. Criticize privately, unless public criticism is expected and agreed to by the one being criticized.
9. Whenever possible, criticize the situation or behavior rather than the person.
10. Be willing to be criticized yourself if you initiate criticism.

TO RECEIVE CRITICISM SENSIBLY:

1. Listen carefully to understand the content and feelings of the critic. The critic may be worth hearing.
2. Keep your emotions under control so they don't interfere with your ability to hear the criticism. Identify your defensive feelings.
3. Reassure yourself that being criticized does not mean you are worthless; it means that you are worth more, and are still part of the human race — imperfect like the rest of us. Put the criticism in perspective by reviewing your positive points too.

4. Evaluate the source of the criticism — the critic. What is his or her angle? Purpose? Not all critics and criticisms are acceptable. Discern which are worth being concerned about. Ignore the rest.
5. Look for value in the critic, the criticism, and the criticism process. View it as an investment in yourself.
6. Ask the critic for time to consider the criticism. Don't feel obliged to automatically accept or reject it.
7. Keep your sense of humor.
8. Practice asking for and considering criticism from a variety of sources. View it as a test of character and maturity.
9. Look beyond the critic to his or her need.
10. Thank the critic for his or her interest in you. And thank yourself too.

Managing criticism constructively is not easy, but it is necessary. If you are having difficulty doing so, in your marriage, at work, with your children, or in some other relationship, you may contact your Employee Assistance Program (EAP) for free, confidential help. Call 273-1129.

Transfers and Promotions for August

Congratulations to the following employees.

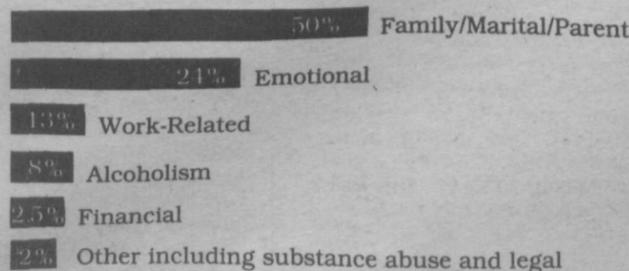
EMPLOYEE	DEPARTMENT
Paul Becken	University Press
Deloris Bevins	Animal Science
Linda Carr	University Relations
Kenneth Ceurter	Endowed Payroll
Mary Chaffee	Agricultural Economics
Robert Clawson	Cornell Dining
Helene J. Croft	ILR
Kim Fellows	Human Ecology
Leonard Fields	Cornell Dining
Gerald J. Hone	Residence Life
Patricia Hutton	Public Affairs
Lynne Lampman	University Development
Barb Littlefair	Agriculture Dean's Office
Antonio Morrow	Building Care
Robert E. Mosher	Building Care
Sharon Palmer	Building Care
Rosanne Paradiso	Graduate School
Janet C. Parks	University Development
James Payne	Cornell Dining
M. Puderbaugh	University Development
Lois K. Rich	Endowed Payroll
Terri L. Rider	VP Research Office
Virginia Scarpino	Biochemistry
T. Terwillegar	University Development
Irving Wiswall	Computer Services
Charlotte Wright	University Development

Just For Your Information EAP - Help is Just a Call Away



The Employee Assistance Program last year provided counseling for over 600 individual cases involving Cornell employees and their dependents.

Most Active Problem Areas



EAP provides free, confidential, short-term, professional counseling on a broad range of concerns.

Getting help is easy. Call EAP at 273-1129 and make an appointment. No red tape, no applications to fill out. **"There are solutions. Use EAP to find them."**

Located at Family & Children's Service, 204 N. Cayuga St. or 219 Anabel Taylor Hall, Cornell University.

Second Annual Poetry Contest Booklet for Sale

Networking has published its Second Annual Poetry Contest book and you can get a copy for \$1.00 from Donna Updike at 3M11, MVR.

Anatomy of a Snowflake
by Sharon Gunkel

To me you are a puzzle
delicate snowflake
transformed by direction
following a different path
Is fate a predictable course
or deciding one's destiny
through a maze of indecision

In swirling snow
my vision is obscured
trees shadowed in whiteness
lean scarred backs to the wind
their thick bark notched by one
searching a new direction

No two snowflakes are alike
an equation for survival
falling into new patterns
each design an entity
nurtured by its own flight.

Employees Encouraged to Attend Open Meetings Improved Community Understanding and Communication Are Goals

Bernie Weintraub, student-elected trustee, has been cataloging all self-governance regulations, resolutions and policy statements which have been made over the years. It is important to note that all of these decisions, which have been made by either the Cornell Senate (1970 to 1977) or its successor self-governance bodies, are University-established policies unless or until rescinded by a contrary decision made by a subsequent self-governance system.

The editors of Networking want to issue a statement which would encourage any interested employee to attend any meeting on campus. We called Bernie to ask him to locate the standing policy on this matter. He sent the following:

"Senate action section 4820-R----Open meetings encouraged.

A. The University Senate believes that the desirable goals of improved community understanding and communication, and better informed and more responsible reporting and discussion of matters of importance to the University community are well served by allowing interested individuals to attend the meetings of bodies which deal with such subjects. The Senate and its committees hold open meetings except in special circumstances, and finds this policy to be beneficial both to itself and to the community.

The Senate therefore encourages administrative and faculty groups and committees, especially those of particular concern to other members of the commu-

nity, to adopt a similar policy."

The above statement is reprinted at this time to remind the Cornell community that any individual is welcome to attend any meetings of any of the self-governance system bodies or committees of the same. In special circumstances (e.g., to discuss personnel matters, etc.) a part

...any individual is welcome to attend any meetings of any of the self-governance system bodies or committees.

of the meeting may be closed by vote of the body. This seldom happens, and if so, it may be for a short period of time at the end of a meeting.

Employees are encouraged to attend the Employee Assembly meetings and any of its various committees. Meeting schedules are available in the Office of the Assemblies, 165 Day Hall. The phone number is 5-3715. Likewise, meetings of the Board of Directors of the Cornell Recreation Club (CRC) are open. Various committees also have meetings which are open.

In particular, we draw your attention to the fact that meetings of the editorial board of Networking are held every Tuesday at 12 noon. The present location is B-8 Roberts. Interested individuals are encouraged to attend.

CRC News

Another Football Trip Planned; Shopping in Reading, PA

CRC members were busy in August. There were two very successful trips scheduled during the last part of summer. One trip went to Toronto, Canada for four days and three nights. The group stayed at the Delta Chelsea Inn which is located in the heart of downtown Toronto. Both shopping and great restaurants were close by. Points of interest that were visited were the CN Tower, Canadian National Exposition, Ontario Science Center, and Casa Loma. The trip participants had a great time and are looking forward to the CRC trip to Montreal next summer.

A busload of CRC people went to the Giants preseason football game against the NY Jets on August 23rd. In spite of the rain and poor weather, the group had a great time. The seats were fantastic - on the 40 yard line and, more important, under cover. From all reports, it was a great experience and the group enjoyed the fact that the Giants won the game!

Another football trip is planned for this fall. CRC will take a bus to Buffalo for the Miami vs. Bills game on Sunday, November 16th. The price is \$30 (nonmembers add \$5) and includes transportation and game ticket. Sign-ups have begun so contact the CRC Office (5-7565) if you are interested.

Anyone interested in a shopping spree to Reading, PA should make their plans now. CRC will sponsor a trip on Saturday, November 8th. The bus will leave Ithaca

at 6:00am and make stops at Vanity Fair and Morgantown Malls. This trip fills quickly so contact the CRC Office soon. The price is \$20 (nonmembers add \$5). All are welcome.

Junior bowling: Are your children interested in bowling? Registration for the 1986-87 Junior Bowling program has begun. This year's program will include two games each week for children age 5-9, three games for the older children, shirts for all bowlers, a holiday party, awards, an end of the year party, weekly instruction, and most importantly, lots of fun and new friends. What a great way to entertain your child or grandchild during the dreary winter months in Ithaca. The league will start on Saturday, October 4th. Come and join in the fun. Call Helen Newman Lanes at 5-4200 to sign up.

Walt Disney World: December 29 - January 4. Use your Christmas vacation for a trip to Florida! CRC has a great trip planned that includes: air transportation from Ithaca, seven days and six nights at the Las Palmas Inn, three days at Walt Disney World, a New Year's Eve event, and a farewell party here in Ithaca prior to your departure. The prices are \$575 for adults, \$433 for children ages 12-17, and \$316 for children ages 3-11. All rates are based on double occupancy. Single, triple, and quad prices available. A deposit of \$100 per person is required when signing up. Final payments are due by October 31st.

transported, and unloaded many, many items which were donated to the Cornell Recreation Club. CRC received hundreds of dishes and other china (some almost new), dozens of folding and stacking padded chairs, two dozen large folding tables, a stainless steel sink, two ovens, a coat rack, and a piano. All prized items to help transform the (soon-to-be) pavillion into a fine facility for CRC members and guests to use and enjoy.

The CRC Board of Directors and the entire CRC membership, extend their true appreciation to Dean Clark and Howard Kaler for this superb gift to the Cornell Recreation Club. The furnishings and equipment will be utilized and appreciated by many Cornell staff, faculty, graduate students, family, and friends for years to come.

CRC Receives Major Donation

As most of you know, the Statler has closed for major construction and renovation. Many of the furnishings and inventory will be replaced with new material when the Statler reopens in two years. CRC member Donna Vose, who works in the Hotel School, inquired about the "excess" inventory. She then set up a meeting between George Peter, Ed Kabelac (CRC Board of Director members) and Howard Kaler, general manager of Statler Inn, to discuss the material needs of the Recreation Club. These needs were conveyed to Dean John Clark (Hotel Administration) and a very positive response was returned to the CRC.

On Wednesday, August 20th, at 4:00pm, five trucks pulled up to the front doors of the Statler Inn and eighteen eager CRC members carried, loaded,

Your Employee Benefits



Save the Dates!
November 4, 5, and 6th
Third Annual Benefair
ILR Conference Room

Getting the Most Out of the Empire Plan

This is the first in a series of four articles which will include important health insurance information for Empire Plan participants. The last issue of "Networking" featured clip-and-save phone numbers to assist employees in securing information about coverage, claims, and other areas of interest. When in doubt concerning who to contact for Empire Plan details, please feel free to call Statutory Employee Benefits, (607) 255-4455.

Tips on Submitting Medical Claims
Participating Providers: No claim form is necessary, as the providers will submit bills directly to Metropolitan for payment. Lists of participating providers in all parts of New York State are available from Statutory Employee Benefits, (607) 255-4455.

Nonparticipating Providers: Use the blue Empire Plan claim form for reimbursement.

•Insured's I.D. number: Usually the employee's social security number, preceded by N.Y. Example: NY 111-11-1111.

•You must attach original bills to the

claim form or have the provider of service complete and sign the bottom portion of the claim form.

•If your primary coverage is Medicare or another employer's plan, a copy of the doctor's bill and the explanation of benefits statement from Medicare or the primary insurance company must be submitted along with your claim form.

•You may attach bills from several different providers to one claim form, as long as the bills are for the same patient; separate claim forms need not be submitted for each bill.

•Claims should be submitted directly to:

Metropolitan Life Insurance Company
C.P.O. Box 1600
Kingston, New York 12401-0600

•If you have any questions regarding your claim for reimbursement under Major Medical, please contact:

Metropolitan Life Insurance Company
1-800-942-4640 (toll free in NYS)
1-800-431-4312 (toll free from outside NYS)

or
Statutory Employee Benefits
1-607-255-4455

Staff Workshops and Seminars

Please note the following information about staff development programs offered through the Contact calendar:

TC3 Courses: ENG 103 Technical Report Writing will not be offered here on campus. This program will be offered only on the TC3 Dryden campus. Please call TC3 directly at 844-8211 for additional information.

First Aid Courses: The Red Cross Modular First Aid and CPR program fees are \$15, not \$20 as previously reported.

Computer programs: Staff can register for computer training courses by obtaining a registration form from the Cornell Computer Services Office in G02 Uris Hall, 5-4981. The registration form contained in the Contact calendar is not the form to use for these programs.

A complete listing of the workshops and seminars is also available on CUINFO, Cornell's computerized information service.

Safety Shoemobile on Campus Sept. 22

The Lehigh Safety Shoemobile will be on campus September 22nd located at Ly-nah Rink, S.E. Corner from 9:00am to 12:30pm and from 1:30pm to 3:00pm.

To receive the departmental reimbursement for safety shoes, an L-order (local pickup order) using Leigh Safety Shoe Co. as the vendor, with an authorized signature should be presented at the Shoemobile. Maximum monetary amount allowed should be stated on the L-order.

Questions may be answered by the Life Safety representative stationed at the shoemobile or call Alex L. McCord, 5-3741.

★ ★ ★ ★ ★ New Flags Fly at Cornell

On June 6, 1986 a new 5' X 8' American flag was raised at the War Memorial in memory of Charles Henry Desch, father of Noel Desch. Charles Desch was a veteran of WW1, Company E., 325 Infantry. The flag was donated by Noel Desch, associate director, Materials Science Center.

Since September 2, 1986 a new flag has been flying in front of Willard Straight. It was donated in memory of Maurice Coughlin, Cornell class of '23 by his sister, Mrs. Louise Ryan. Mr. Coughlin was a veteran of WW1 & WW2. Elmer Van Arkle of the electrical service department is in charge of the bucket truck which is used to raise these flags.

Anyone interested in donating flags for these purposes may contact Robert C. Kellogg, class of '34, 1226 Dryden Road, Ithaca, NY 14850, 272-6731.

Yesterday, September 17, was the 199th birthday of the signing of the Constitution. It is important to remember that the American flag is the symbol of the freedoms guaranteed by that document.



Statler Retirees Honored at Reception from Statler

On August 5, at a white-glove reception, we celebrated the retirement of seven longtime Statler Inn employees. Approximately 150 family members, friends and coworkers gathered in the auditorium foyer to honor the seven who together have given a total of 179 years of service to Cornell.

To begin the program, Dean John J. Clark, School of Hotel Administration, thanked Carol Lang, Statler Inn personnel manager, for planning the event.

During a special ceremony, framed certificates, signed by their coworkers, were given to Fleet Morse and Anna Faben, the only two current employees who were employed by Statler Inn in 1950 when the building opened. Anna will retire but Fleet will transfer to Cornell Dining. Each retiree was then presented with their gifts. All received Statler Inn t-shirts, framed certificates from University Personnel Services and a gift from the Inn ranging from clock radios to Cornell chairs, depending upon the employee's choice.

The retirees are:

Mary Heisler - Employed as a front desk clerk at the University since November 1976 and at the Statler since

October 29, 1979. Mary is best known for the cakes she bakes and for coming to work in costume on Halloween.

Hugh "Sonny" Hall - Employed regular part-time in the Stewarding department since September 12, 1969. Sonny also works full-time at Seneca Army Depot and spends his spare time traveling in his Winnebago.

Lavurne "Peg" Houghtling - Employed since August 14, 1961 as a housekeeper, supervisor of the line room, supervisor in Maintenance-Housekeeping, and in Accounting as a cashier. Peg plans to work part-time for the Hotel School and to spend the rest of her time gardening, sewing and doing hand crafts.

Eddie Dunn - Employed in the Stewarding department since November 10, 1956. Eddie's interests are fishing and woodcarving, especially picture frames and lamps.

Eva Melton - Began working at Statler on September 13, 1956 and has held positions of cashier, MDR hostess-supervisor, front office clerk, boutique supervisor and coffee haus supervisor. Eva will do some traveling.

Thorburn "Toby" Lobdell - Employed on June 30, 1952 as assistant kitchen



Front row: Eva Melton, retiree; Mary Heisler, retiree; Fleet Morse, special award; Anna Faben, retiree; Howard M. Kaler, general manager Statler Inn
Second row: Mary Lou Graf, director of Marketing and Sales Statler Inn; Carol Lang, personnel manager Statler Inn; Peg Houghtling, retiree; Hugh "Sonny" Hall, retiree; Dean John J. Clark, School of Hotel Administration

supervisor, receiving room supervisor, purchasing agent and presently is stockroom supervisor, located in B-4 which has come to be known as "Tobyland."

Anna Faben - Employed since May 27, 1950 as a baker. Anna is the one person who makes the Statler apple pie. Anna's free time will be spent with her children and grandchildren.

Letters to Networking

On June 26, 1986 John Blizzard was presented the Dedicated Service Award. Printed below is an excerpt of a letter he sent to Networking.

Dear Networking:

I have received so many messages from friends regarding my Cornell Service Award and retirement that it would take me a least a month to write a personalized "Thank you" to every one. That so many would write, knowing how very busy everyone is these days, was pretty overwhelming to me. Being reminded of the little things I did to help out in emergencies.... things I had forgotten long ago.... amazed, and gratified me immensely. "Overwhelmed" is a word I could use frequently in describing my feelings at this time. The full realization of actually leaving did not sink into my consciousness until I was cleaning out my locker and desk. This brought an actual sensation of discomfort somewhere in the region of my stomach or diaphragm (sounds as though I've been around medical people a while).

The decision to retire from a job that I have enjoyed so much was not an easy one. I had decided long ago that I should retire before becoming too decrepit to enjoy an active life, or becoming an old grouch on the job. (It may already be too late!). All factors considered, it seems that the time has come.

I will not immediately be leaving Cornell, however. I have been granted an opportunity to improve my knowledge of my principal hobby of "rock-hounding" (to the un-initiated, that's amateur mineralogy). The Department of Geological Sciences has agreed to let me "work" a few hours per week as an assistant curator of minerals, until the

jumble resulting from three moves to the department over the last fifteen years is straightened up.

I will be unpaid, as far as wages go, but being in such an environment is enough to make a rock-hound happy as a pig in a corn-crib! (anyone who mixes metaphors to such an extent should spend a few semesters in the English department, too).

I am extremely grateful to all of my friends for enriching my life in a wonderful way. Thank you for your kindness to me, especially now!

Sincerely,
John O. Blizzard, Jr.

P.S. to the Four Little Rascals who composed that lovely bit in the Cornell Chronicle of 6-26-86, about the Dedicated Service Award: I suppose that what you wrote was based on facts, but such amplification of truth brings the composition awfully close to the category of fiction! Anyway, although I hate being the center of attention, that award was so nice for me that I can't be other than delighted and very, very grateful.

P.P.S. to George Peter: For your collaboration with the above-mentioned Rascals in delivering the D.S. Award and such a beautiful speech.... even though it made me squirm and get red-faced.... it was truly wonderful to receive. Thanks to you, George, and to Vice President Herbster and Personnel Director Snyder. I shall always remember the wonderful University and the experiences and opportunities I have shared.

Letters to Networking is a new feature. Send any letters, signed, to: Donna Updike, 3M11 MVR

Statler Employees Enjoy Picnic

Approximately 170 Statler Hall employees and their families attended the annual picnic held Sunday, July 27 at Myers Park in Lansing.

Many who are now in other positions came to meet with friends and share their experiences in their new departments. Activities consisted of swimming, volleyball, basketball, frisbee, good

conversation and lots of laughs. Food and beverages were plentiful and barbecued chicken was extremely popular. Chaired by the Statler Inn's personnel manager, Carol Lang, the committee who planned the event did an excellent job. The rain, so prevalent in the area, skirted the entire park and everyone enjoyed their final outing as a group.

Focus on the Employee Assembly

The Employee Assembly needs YOU. Without you there is no Employee Assembly. Why don't you start considering how you might best serve the Employee Assembly now. Maybe you would like to be a board member, but do not know how to go about it.

Elections are held every year in May and candidates are needed to fill the vacancies. Start planning now to be a candidate.

In March a petition may be picked at the Assemblies Office, 165 Day Hall. Twenty-five signatures are needed to endorse you as a candidate. When the 25 signatures are obtained, a short paragraph is submitted to the Assemblies Office on why you want to be an Employee Assembly board member. The election is held and you are on your way to a very beneficial and enlightening experience.

Maybe you would rather serve on a committee before serving on the board. There are many opportunities open to you. Call the Assemblies Office and let them know what you are interested in, or, on what committee you would be interested in serving.

Why sit back and complain about your job, your benefits or lack of parking, etc. Get involved - bring it to the Employee Assembly. As an employee you are welcome to attend all meetings. The meetings are held the first and third Wednesday of every month from 12:15 to 1:45pm in B8 Roberts Hall. You are needed - get involved. Take the time and when April 1987 comes, be on the ballot.

Employee and Graduate Student Aerobics Class

Employee and Graduate Student Aerobics Class
Date: September 8, 1986 - December 22, 1986
Every Mon. - Wed. - Fri.
Helen Newman Gym
Time: 12:20 p.m. - 1:20 p.m.
Fee: \$42.00
YOU MUST PAY BEFORE CLASS BEGINS
Instructor: Amy Brill

Cornell Catches a Comet



Dr. Tor Hagfors, director, National Astronomy & Ionosphere, presents a certificate of appreciation from the Goddard Space Flight Center to the staff of the NAIC Research & Development group. The citation reads, "For Valuable Contributions to the Success of Mankind's First Visit to a Comet, the Passage of the International Cometary Explorer Spacecraft through the Tail of Comet Giacobini-Zinner."

Those pictured from left to right are David Van Winkle, Lynn Baker, William Genter, Dr. Hagfors, George Peter, David Overbaugh, Catherine Fitzgerald and Pierson Mosher. Kurt Kabelac was not available for the presentation.

Unclassified Ads

1. Please submit all unclassified ads to Networking Unclassifieds, 130 Day Hall - no phone calls please.
2. For our information your name and campus phone number MUST be submitted with ads. Otherwise your ad will be omitted.
3. All unclassified ads are free of charge to Cornell faculty, staff and students and will be printed in the order received as space permits.
4. Please limit your ad to 30 words or less. If an ad is longer than 30 words it may be shortened by the Networking staff.
5. Unclassified ads are for nonbusiness purposes only.
6. The deadline for the October 2nd issue is September 22nd.
7. If an error appears in your ad, please resubmit the ad to be published in next available Networking.

For Sale

- 1964 Mercury Comet, one family car, spent 21 yrs in SC, original paint, exc. appearance and running cond., \$1800. 272-0947.
- 1968 VW bug, engine needs work, body rust not beyond repair, tow away and it's yours for \$100 OBO. Heidi, 257-2030 x402 (days) or 257-5407 (eves.)
- 1971 Ford Maverick, very reliable, good tires, including snows. 272-0880 after 6pm.
- 1971 VW Bhay bug, sun roof, good motor, new tires and wheels, new battery, no rust, just inspected, \$1250. Kenna, 5-3157 days or 898-3516 nights.
- 1975 Plymouth Scamp, 2 door, 6 cylinder, 60k miles, much rust, dependable, asking \$500. 257-6191 after 3pm.
- 1976 VW Dasher station wagon, reliable, runs fine, new tires, rust lowers value of car, \$300. Chris, 257-7521 eves.
- 1978 Subaru, very little rust, stock mags, 5 spd, very dependable, \$1100. Kenna, 5-3157 days or 898-3516 nights.
- 1979 Monza hatchback, exc. cond, good body, Texas car, \$1100. 273-2297.
- 1979 Dodge Aspen, 4 ft. sickle bar, slant 6, standard trans., little rust, 4 dr., runs like a top, can be seen at B-lot. Jane, 5-9078 or 315-496-2117 eves.
- 1979 Chevy Monte Carlo, maroon, exc. cond. \$2500 firm. 273-4736 eves.
- 1982 Chevy Citation, PS, PB, AC, good cond. 272-4711.
- 1982 Ford truck F100 with cap, 62k miles, good cond, asking \$4250. Jim, 5-4442 weekends, 659-7614 eves and weekends.
- 1983 Dodge Shelby Charger, sharp car in exc. cond, 5 spd, 4 cylinder, 42,500 miles, two-tone blue and silver, low-profile tires, must sell, \$3495. 257-2838 noon until 9pm.
- 1984 Chevrolet Cavalier, 2 door, hatchback, exc. cond., new tires. Jacquie Wright, 5-3693 or 387-6169.
- 1985 Dodge Shelby, exc. cond, transferable 5 yr/50k mile warranty, 5 spd, air cond., am/fm tape deck, power steering, rear window louvers, 18k miles, \$7,300. Ron, 5-4968 or 257-7130 eves.
- 1978 Honda CB750F, dual ft disc and rr disc, 5,200 miles, \$875. 277-3672.
- 1981 Suzuk 550cc, 7k miles, \$900, must sell, good shape. Heidi, 257-2030 x402 (days) or 257-5407 (eves).
- 1981 Yamaha QT50 moped, mint cond., basket, owner's manual, \$325. 5-7950 or 277-3672.
- 1982 Honda CB 360 motorcycle, runs great. Joe, 589-4611 after 5pm.
- 1985 Honda 80 Elite Scooter, two helmets, lock, \$650; pine dropleaf small dining table, \$125; antiques: wicker newly upholstered couch and matching chair, \$550; four small dining chairs, \$125; hired man's bed, \$150. Jo, 5-2061.
- Two 3-wheelers, great cond., \$500 each. Marge, 5-4088 or 277-6933.
- Fiberglass speedboat, includes marina slip through Oct. 15. 40 HP, two tanks, upholstered seats, engine just overhauled, remote controls, electric start, running lights, fishing pole holders (for trolling), bilge pump, flares, life jackets, fire ext., etc., \$950. 5-2055 days, 277-5206 eves.
- 1985 19' Bayliner Cuddy Cabin, 5 liter inboard-outboard engine, 230 horse power, trailer, many extras. Eva 5-3151 or 844-9541 after 5pm.
- Microcomputer, dual drives, word processor, spreadsheet, other software, letter quality printer, \$600. Linda, 5-7343.
- Computer terminal with modem, high performance, can be used with mainframe, mini or micro computer systems, \$375; electronic typewriter/printer, top quality printing, \$550; Pioneer compactstereo system, AM/FM stereo, cassette deck, turntable, two big speakers, \$60; coffee table, \$15; big lamp, \$5. Ming, 272-0243.
- Apple IIe with monitor disk drive, Imagewriter printer, and software (word processing, accounting, education, and games). Like new cond., asking \$1300. Peggy 5-5530.
- Xerox 1045 Coin-Op photocopier, \$5,000 with a transferrable maintenance contract through Xerox Corporation. Michael, 5-6220.

Electric typewriter, Olympia Report de Luxe, with carrying case, best offer. 5-4845.

Used 19" rack electronic bays, 28" deep, 60" high, includes some electronic gear that is installed (old watsbox), tenavall., inspect and make offer. Telecommunications, 5-9705.

Panasonic 19" BW TV, Olivetti manual typewriter, porcelain sink, black kitchen counter, 16" girl's bicycle, oak shutters, rolling cart, TV cabinet, mantel clock, end table, Emerson record player. 272-7799 or 5-3048.

Color TV and stand, \$100 OBO. Marge, 5-4088 or 273-0078 eves.

BW 25" GE console TV, \$50 OBO; BW 19" Hitachi portable TV, \$40 OBO; 2 lg antique brass and irons neg; picture window insulated drapes, \$50. 5-2227 or 564-7298.

25" color, console TV, \$60 OBO. Janet, 5-1522 or 533-7239 after 6pm.

Used phones, solid feel, familiar ring Touchtone, modular connection, 50 left, \$15 each. Telecommunications, 5-9705.

5-string banjo with case and tuner. Owner lost interest, great for beginner or intermediate, \$60. Table-top ironing board, \$450; hot-air popcorn popper, \$9. 257-6976 eves.

Fender dual Showman amp with Gretsch electric guitar with hard case. Joe, 589-4611 after 5pm.

Semi-sheer drapes, 1 pair 48" x 63", 1 pair 96" x 63", rust color, \$30. 347-4378 eves.

Teak dining table, 60 x 37, extends to 103", Danish import, exc. cond., \$285. 272-0568 or 5-5265.

Dining room table with 4 chairs and 2 captain's chairs, exc. cond. Joe, 589-4611 after 5pm.

Duncan Phyfe dining room table with leaf and pads, \$250; antique oak dresser, \$150 OBO, GE washing machine, \$100; Cory stainless steel roaster/deep fryer, \$20; Regina electric broom, \$15; Cory coffer brewer, \$8; woman's 3-spd bike, \$25; antique canning jars, \$.50 each; (curtains, drapes, reasonable). Ron or Helen 257-2280.

Double pedestal 78" solid walnut Duncan Phyffe table with nestled leaf and original brass fittings, antique dresser, and antique canning jars. Best offer. Helen or Ron, 257-2280.

Kitchen cabinets with countertop, also includes lazy Susan. Joe, 589-4611 after 5pm.

Bedding and mattress of a single bed, \$40. Chris, 257-7521 eves.

Twin size flotation sleep system, \$100; two stuffed chairs, \$25 each; two LR78-15 mud and snow tires mounted on rims, \$40 each; Regency HX-650 scanner, \$70. Bruce, 5-8588 days or 564-7367 eves.

Rattan love seat and chair, \$150 OBO. Marge, 5-4088 or 277-6933.

Baby furniture, Lulabye crib and mattress and Sealy Posturpedic crib mattress (orig. \$350) like new \$200; new

walker, \$20; infant seat and cover, \$10; Cosco car seat and cover, \$40; Fisher Price riding horse, \$15; baby clothes. 5-2227 or 564-7298.

Patio set, table with umbrella and 4 chairs, \$800; gas grill, \$100. Marge, 5-4088 days, 273-0078 eves.

Large brown ceramic table lamp, \$6; dark orange loveseat on wooden platform, \$35; red twm bedspread with 2 pairs matching curtains, \$20; orange swing-arm table lamp, \$5. 273-6747.

Air conditioner 5000BTU, \$90; 135 telephoto for Minolta camera, \$30; stereo speakers, \$50; chairs, lamps and baby and child items. 273-4193 after 5pm.

31" snowblower for simplicity tractor, \$60; four 3/16" x 7" x 8" steel plates for strengthening main support on house, \$200; teletype, \$30; IBM Selectric I/O printer, \$130. 844-9423 eves.

Ward's Power Grip snow tires, 078-14, used one year, \$60 pair or best offer. Sailboat, 14', good family boat, \$350 OBO. 5-5438 days or 257-2857 nights.

Two tires and rims (Bias) P 19S - 7SD14; 3/4 size mattress, box springs and frame, make offer. 273-0940.

Snow tires 8-Ply 700-15, Dodge rims, \$35 each; Myers Snowplow, complete, \$800; Buzz-saw, \$35; horsedrawn 2-plow, \$45; early American couch, blue and red, \$185. 5-4251 or 273-2542.

Remington 870 12 ga shotgun, 2-barrels, case, cleaning kit, \$250; Haliburton aluminum camera case, \$95; Nikkor 35 mm 2.8 lens with filter, \$95; Franz walnut metronome, \$25. Donald, 273-5163, 5-1866.

4 ft sickle bar mower for an International Cub Cadet, like new, asking \$400. Jane, 5-6426 or 315-496-2117 eves.

Weedhopper Ultra Lite, good cond, \$950. 273-2297.

Shopsmith 5 in one woodworking tool, table saw, lathe, drill press, sander, boring machine. Extra attachments, bought to remodel house, house finished. Two yrs old, as new cond. 257-3140 or 5-5671.

Framed authentic arrowhead and shark tooth collection, \$25. 272-0947.

Forced to liquidate many used lawnmower parts. 272-6891.

Nelco sewing machine, portable, \$50; Montgomery Ward's chest freezer, 15 cu ft, \$150; hospital bed, \$140. 272-6086 after 6pm.

German Shepherd female pup, dark, big boned, parents OFA, carefully raised and socialized, sire earning championship, easily trained, suitable for breeding. Wilma, 122-284 or 716-526-5152.

American Staffordshire Terrier pups, dewclaws removed, ears cropped, avail. now, show quality, champion bloodlines, \$500. 565-2784.

House, small three bdrm log ranch on half acre on quiet Dryden street, \$43,500. Lou, 5-5623 or 844-9344.

Wanted

Folding screen, to be used as room divider. Must be in good cond. 257-1351 eves.

The entire kit by Joe Cossman as seen on TV with cassette tapes and book. 898-9540.

Macintosh numeric keypad, also wanted set of four antique wooden dining chairs. 273-2572.

Good used 400k external disk drive for Macintosh. Roger, 253-3879 days, 387-9666 eves.

Responsible, permanent resident seeking house-sitting position from about Nov. 15 - April 15. References. Sandy Boothe, 5-2031.

Free

Gas range, top burners, oven, broiler, grill. Old, well made and heavy, deep well provision but no pot, just come and get it. Bring person power to lift it. 272-8744.

Bowling

The Cornell Monday Night Women's Bowling League, which starts October 6, is in need of members. This is a short league, 22 weeks. Teams (3 girl) or individuals interested in bowling should contact Judy Bower, 5-4843 or 273-0086 after 5pm.

Register now for the 1986-87 junior bowling program. This year's program will include two games each week for children 5-9, three games for the older children, shirts for all bowlers, a holiday party, awards, an end of the year party, weekly instruction, and most importantly lost of fun and new friends. The league will start Saturday October 4th. Come and join in the fun! Call Helen Newman Lanes at 255-4200 to sign up.

For Rent

One bdrm basement apt. on West Hill, carpeted, garage, laundry, mall-to-mall, pets okay, on bus route, \$400 per month includes utilities and cable. 273-5844 eves.

Two 3-bdrm apts at 329 Center St. in downtown Ithaca, both newly renovated and located in quiet neighborhood, immaculate, \$495 per month plus cost-efficient utilities. 273-2297.

Two bdrm downtown apt, sunny, spacious, perfect for couple, yard, parking, petless, (around corner from P&C), \$385 plus lowutilities (\$43 on NYSEG budget - all gas). 272-8795 or 273-1763.

One bdrm apt, lots of space, very close to Cornell, quiet neighborhood, off-street parking, \$325 plus utilities. 5-4840 or 277-0854.

Carpool

Driving from Geneva to Cornell campus daily, I would like someone who also has a car and shares driving with me alternately. 5-9150 or 315-789-1479.



Brown Bag Luncheon Series Resumes

The Brown Bag Luncheon series will resume on Wednesday, September 24, 1986 in 105 Space Sciences. The topic of this first meeting will be the Cornell Recreation Club. Members of the CRC Board of Directors, CRC committee chairpersons, and the CRC secretary will be present to talk about the club, it's

membership, the events, activities, and trips that are upcoming, and the new CRC park.

Brown Bag Lunches are held on various Wednesdays throughout the semester from 12:00 noon until 1:00pm. They are sponsored by the employee-elected trustee and the Employee Assembly. All employees are welcome to attend!

Networking Deadlines

1986 Deadlines

September 22 for October 2
October 6 for October 16
October 20 for October 30
November 3 for November 13
November 17 for December 4
December 8 for December 18 (holiday issue)

Editorial Board

Donna Updike
George Peter
Margaret Seacord
Catherine Fitzgerald
John Bender
Mary Ellen Jones
Anna Moratz
Dominic Versage
Leona House
Jim Kuehl
Carol Thurnheer

UNIVERSITY PERSONNEL LIAISON

Laurie Roberts

PRODUCTION

Cheryl Seland

Employee Calendar

Events of Particular Interest to Cornell Employees

Saturday, September 20. Employee Day. Cornell vs. Princeton game. Call Peg Landau at 5-6894 or George Peter at 5-5274 for details.

October 3 - 5. CRC deep sea fishing trip. Call the CRC Office at 5-7565 for more information.

December 29 - January 4. CRC Walt Disney World trip. Call the CRC Office at 5-7565 for more information.