



Sheldon Court and College Avenue are in the background of this shot taken from the basement of the Performing Arts Center.

Many Construction Projects Now Under Way on Campus

McGraw Tower, one of Cornell's most famous landmarks has some mobile, yet temporary cousins stretching into the campus sky these days. These construction cranes are a sure sign that the university's multi-million dollar building program over the next few years is approaching high gear.

In fact, high gear is another year or so away. Nevertheless, the construction now under way is enough to snarl traffic, raise more than a little dust, and create cacophonies in every corner of campus.

Addressing facilities coordinators from each of the colleges late last month, the university's vice president for facilities and business operations admitted, "We haven't found any silent jackhammers or bulldozers."

However, Robert M. Matyas and others directing various projects described what is being done to limit the dust, noise, and traffic congestion.

Matyas said the university has a noise abatement clause in its construction contracts, and explained that contractors have been working evenings and weekends to keep

the dozens of projects on schedule and to limit inconveniences to members of the campus community, including parking alternatives.

"We are doing everything possible to improve communication about the various projects," Matyas told the facilities coordinators who represent the colleges, programs, and groups of buildings. Among the steps being taken are "neighborhood meetings" and the construction telephone "hot line" established earlier this year.

"The facilities coordinators are our link to the people who live and work at Cornell," Matyas told the Chronicle.

"Members of the campus community can call the coordinators, or they can call 255-4394, the construction hotline," he said. Some neighborhood meetings have been held already, and more are being planned.

When classes begin this fall, efforts will be made to limit the amount of construction noise near classrooms. Matyas urged faculty members to advise the appropriate building

Continued on Page 5

5,000 New Cornellians Coming; Orientation Program Packed

Some 5,000 new Cornellians will learn all they ever wanted to know about the university and more during a packed orientation program that begins Friday, Aug. 22, and continues through registration and the start of classes the next week.

The schedule of activities has been expanded so much that the number of red-shirted Orientation Counselors this year has increased from about 400 to more than 600.

Expected are about 2,900 freshmen, 600 transfer students and some 1,500 graduate students.

Many of the events listed in a 66-page orientation book are designed specifically to

meet the needs of new students and their parents, but others are of broader interest and are open to anyone in the community. The schedule will be available on CUINFO, the computer-stored information system that is available on terminals at libraries and in the Information and Referral Center in Day Hall after Aug. 8.

The orientation program is planned and coordinated by a student Orientation Steering Committee, advised by Sandra G. Stein, Ph.D. '79, assistant dean for new students. The committee organizes the program, in conjunction with the colleges and other university departments, to offer an introduction

to the academic, cultural and social life of the university.

Activities include receptions, lectures, workshops and an assorted program de-

signed to help relieve some of the anxieties felt by students, parents and other family members, as well as anxieties that may exist

Continued on Page 3

Registration Days Aug. 26, 27

Registration days for most new and continuing students will be Tuesday and Wednesday, Aug. 26 and 27, and once again the expectation of the Registrar's Office is that students should have to spend no more than 10 minutes in Barton Hall if they follow the procedures properly.

Information for all U.S. students was mailed Aug. 1, telling each one what time they should show up to register. Foreign students will need to stop in the Registrar's Office, 222 Day Hall, to pick up their individual assignments.

The Barton Hall schedule for Tuesday, Aug. 26, is from 8 a.m. to noon and 1 to 5 p.m. and includes continuing students in the College of Arts and Sciences, and all students in the College of Agriculture and Life Sciences, the College of Engineering, the College of Human Ecology and the Division of Unclassified Students (8 a.m. to noon only).

On Wednesday, Aug. 27, from 8 a.m. to noon only, the schedule includes new students from the College of Arts and Sciences and the Graduate School, in addition to students from the College of Architecture, Art

and Planning, the Johnson Graduate School of Management, the School of Hotel Administration and the School of Industrial & Labor Relations.

On both Tuesday and Wednesday, new students are scheduled for registration between 8 and 10 a.m. for the colleges scheduled.

Continuing students in the Graduate School will register at Barton Hall from 8 a.m. to noon and 1 to 5 p.m. Monday, Aug. 25.

The Law School will register students from 1 to 5 p.m. Wednesday, Aug. 27, in Myron Taylor Hall.

The College of Veterinary Medicine will register from 1 to 4:30 p.m. Monday, Aug. 25, in Schurman Hall.

The Course Exchange for the College of Arts and Sciences, the College of Agriculture and Life Sciences and the School of Industrial & Labor Relations will be conducted in Barton Hall from 2 to 5 p.m. Wednesday, Aug. 27.

Students or others who have questions may direct them to the Registrar's Office at 222 Day Hall.



The President's Convocation, this year on Saturday, Aug. 23, is one of the highlight events of Orientation. This is a scene from last year.

Scientists Count Eggs to Determine if 'Condo' Chickens are Happy

Cornell scientists are counting eggs to determine whether chickens kept in small wire "condos" are happy about their living conditions.

If chickens live in a stress-free environment and are content, they could become more productive, the Cornell researchers believe.

Chickens, which evolved over centuries from jungle fowl, no longer roam the steamy Southeast Asian rain forests of their ancestors. Most of these domesticated birds now live in a jungle of thousands of wire cages under one roof.

A popular poultry apartment complex consists of multiple decks of cages, each smaller than the typical grocery cart. Three to four hens commonly share such a cage (12 inches wide and 18 inches deep). Larger cages housing six to seven birds each (24 inches wide and 14 inches deep) also are used commercially.

But, are hens happy with their living arrangements in the modern poultry house? That question has been troubling scientists and animal rights activists by the dozens.

"It's tough to find the answers because animals cannot talk to us," says animal

physiologist Ari van Tienhoven. "People pay small fortunes to psychiatrists (to whom they can talk in their own language) trying to communicate whether they are happy, and if not why they are unhappy."

The Cornell scientist asks, "How does one then ask an animal whether it is happy when there is a solid communication gap?"

Despite the obvious communication barrier, van Tienhoven and fellow Cornell poultry scientist Dan Cunningham are determined to find out whether living conditions in crowded quarters pose any stress on the chicken, something that has not been investigated thoroughly before. Both researchers are in the College of Agriculture and Life Sciences.

When it comes to egg production, the White Leghorn hen — the workhorse of the egg industry — is a fabulous bird. The average hen lays as many as 270 eggs per year, a feat no other breed of chicken can rival.

It wasn't always that way. The chicken used to eke out a living by scratching the dirt for whatever food it could find, often subsisting on meager handouts from its owner. Left to nature's devices, the bird would lay

only a handful of eggs to perpetuate the species.

But, spectacular advances in poultry science over the past several decades have transformed this barnyard scavenger into a superbird. One of the major discoveries was that light stimulates the bird to lay eggs regardless of seasonal changes. That boosted the hen's productivity dramatically. As a result, the modern hen now produces eggs almost day-in and day-out throughout the year.

The focus of the new Cornell study is to evaluate what effects the number of hens per cage and the cage design used by commercial egg producers have on egg production.

Concern about the welfare of animals and interest in improving egg production prompted the Cornell researchers to collaborate on the research project, which, they believe, would lead to information essential for upgrading living conditions for the chicken. This, in turn, could result in greater productivity.

Cage systems for egg production first found commercial use in the 1950s. The system is now used widely to save space and to reduce the cost of maintaining the birds,

among other factors vital for holding down production costs.

Commercial cage systems often consist of five or six rows of cages stacked on top of another in a "high-rise" setup. Each cage holds four to as many as eight birds, with floor space per bird ranging from 48 to 72 square inches. Hens eat from a feed trough that runs the length of the cage rows. The wire floors of the cages are tilted so the eggs roll forward to a rack or a conveyor for automatic collection.

Previous studies on hens' productivity indicated that the average egg production of a group of hens sharing a cage dropped with increasing density of the birds, according to Cunningham.

While a reduction in the number of eggs produced by any one hen might not seem like many eggs, multiplied by thousands of birds it means a sizable loss of income to the producer, according to Cunningham. A poultry facility with 80,000 birds under one roof is common nowadays, and such an operation annually produces more than 20 million eggs. The nation as a whole annually produces nearly 70 billion eggs.

PEOPLE

Lee Named Director of Production Supercomputer

Lawrence A. Lee, National Science Foundation program director for supercomputer centers, has been named director of the Production Supercomputer Facility at Cornell.

Lee will direct Cornell's supercomputer, a system based on an IBM 3090-400 that will be used by researchers from universities, industry, and government through a new, nationwide telecommunications network. A mathematician, Lee directs the federal government program that established five national supercomputer centers in 1985 and 1986, including the Center for Theory and Simulation in Science and Engineering at Cornell.



LEE

"Larry Lee played a critical role in implementing the supercomputer program at NSF," said Nobel laureate Kenneth G. Wilson, director of Cornell's national supercomputer program. "His unique knowledge and experience will be extremely helpful in establishing Cornell as the premier center for supercomputing in the nation."

The Production Supercomputer Facility is the large-scale computing system that is operated for researchers in academic institutions, government, and industry by Cornell's national supercomputer program. Research at the facility ranges from studies of subatomic particles to human language popula-

tions, and from the composition of planetary atmospheres to the evaporation of liquid fuel droplets.

Operating a supercomputer as a national user facility is only one function of Cornell's supercomputer program. The program also conducts research to develop supercomputers of the future, fosters cross disciplinary interaction between researchers, and is helping establish national and statewide telecommunications networks.

Wilson called Lee an "experienced manager with an outstanding record for getting things done." Wilson, the James A. Weeks Professor of Physical Science at Cornell, won the Nobel Prize in physics in 1982.

Lee, who assumes the Cornell post Aug. 15, said he will work with researchers from academic institutions, government, and corporations, in collaboration with Cornell scientists, to conduct research on the supercomputer.

This effort will use NSFNet, a new telecommunications link between the five NSF-supported centers and other supercomputers, and NYSERNet, the New York State Education and Research Network connecting 15 research institutions in the state with high technology corporations.

"Academia has been good at research while industry has been good at development," Lee said. "Developments at Cornell will enhance our nation's capacity to put the two together."

Lee was the NSF's program coordinator for the National Center for Atmospheric Research and computer specialist at the NSF

Division of Information Systems before joining the Office for Advanced Scientific Computing in 1984. From 1976 to 1978, he was a mathematical statistician at the NSF Division of Information Statistics, and was an assistant professor of mathematics (1969-1976) at the U.S. Naval Academy.

He holds a Ph.D. (1975) and M.S. (1968), both in mathematics, from George Washington University, and a B.S. in mathematics (1964) from Virginia Polytechnic Institute.

Cornell's supercomputer center, established in 1984, was funded in 1985 with \$21 million from the National Science Foundation and \$30 million in support from IBM. The New York State Science and Technology Foundation provides \$800,000 a year in operating support for the Theory Center. In April 1986, the state legislature awarded \$10 million in grants and no-interest loans for construction of a new research facility.

The Cornell Production Supercomputer Facility consists of an IBM 3084QX mainframe with four FPS 264 scientific processors, two FPS 164s, and one FPS 164-MAX. Upgrading of the production facility with the more powerful IBM 3090-400 computer is expected later this year.

Dean of Students Drinkwater Heads United Way Drive



Cornell Dean of Students David Drinkwater will head the 1986 Tompkins County United Way Campaign.

He announced July 30 that this year's goal will be \$1,140,000, which he said was set by campaign leaders "after a realistic assessment of what can be raised this year, and a thorough investigation of the financial needs of organizations receiving funds through the campaign."

Drinkwater said that reaching the goal this year "will allow the United Way to meet the essential needs of its 38 funded organizations, and to fund approximately \$19,000 in documented high priority new and expanded services."

The campaign will begin with a reception on Sept. 18, followed by a community "Fun-Run" on Sept. 20.

Shaw Heads Writing Program

Harry Shaw has been named director of the university's expanding program to improve the writing skills of all students throughout their collegiate careers.

A faculty member in the Department of English since 1978, Shaw took over leadership of the Cornell Writing Program July 1. The program's responsibilities include administering the Freshman Writing Seminars, focal point of university efforts to improve student writing for nearly a decade.

Named to a three-year term by Provost Robert Barker, Shaw has been asked to intensify current efforts to improve the writing skills of upper class students. Shaw succeeds Frederic V. Bogel, head of the Freshman Seminar Program since 1981 and now on sabbatic leave in England.

Lauding the work of Bogel and his 12-member core staff, Shaw said: "Cornell chose to teach freshman writing in a wide variety of disciplines long before what is now called 'writing across the curriculum' became fashionable. Now, Provost Barker has asked that I intensify the initial efforts of Rick (Bogel) and his staff to extend the goals of the program's offerings to upperclass students."

As an example of how the writing program has encouraged writing beyond the freshman

year, Shaw cited the recently published pamphlet "Writing in the Non-Writing Class," prepared by Katherine K. Gottschalk, associate director of the program.

The 28-page pamphlet outlines "strategies for Cornell faculty members concerned about student writing." It is available free at the Writing Program's central offices in 159 Goldwin Smith Hall.

"I'd like to see the Writing Program extend its mission by strengthening offerings in such areas as writing in the physical and biological sciences and in mathematics," Shaw told the Chronicle.

The need for courses in writing beyond the freshman year is becoming increasingly evident, he said. A number of colleges in the university are either considering or instituting requirements in upper-division writing.

"Our hope of expanding offerings in upper-level writing courses doesn't imply any lessening of our commitment to excellent writing instruction on the freshman level," Shaw added, noting his interest in the training of teachers and course leaders. The freshman writing seminars, which concentrate on writing skills in courses in the humanities, are taken by 3,000 students from six of the university's seven undergraduate colleges and schools.

Todd Directs Applied Math Center

Michael J. Todd, a member of the engineering faculty, has been appointed director of the Center for Applied Mathematics.

Todd, who was named to a four-year term, effective July 1, is a professor in the Department of Operations Research and Industrial Engineering and is an authority in mathematical programming. He succeeds Philip J. Holmes, who has directed the center since 1981.

The center was established in 1963 to coordinate a doctoral program in applied mathematics involving faculty from relevant departments in 13 academic units on campus. There are 25 graduate students in the program and some 60 faculty associated with the center.

In announcing Todd's appointment, Joseph M. Ballantyne, Cornell's vice president for research and advanced studies, said that research in applied mathematics "is embark-

ing on an exciting period of growth and development," enhanced by the recent establishment of the Mathematical Sciences Institute within the center, along with the university's new national supercomputer center. MSI was established with a five-year, \$12.5 million research grant from the U.S. Army for the study of advanced mathematics.

"Mike Todd will be a great asset to the future development of applied mathematics. He is the right person to build on the results of the dynamic and effective leadership provided by Phil (Holmes) during the past five years," Ballantyne said.

The center was established in 1963 to coordinate a doctoral program in applied mathematics involving faculty from relevant departments in 13 academic units on campus. There are 25 graduate students in the program and some 60 faculty associated with the center.

Graduate Student Wins Nutrition Scholarship

Deborah Edwards, a graduate student in the Division of Nutritional Sciences, will receive the Kathleen Bolingbroke Marx Memorial Scholarship.

The award from the Mid-Hudson Dietetic Association is for Edwards' "research in factors influencing the dietary intake of elderly diabetics in the community."

The scholarship, offered to graduate students conducting research in carbohydrate metabolism, is in memory of Marx, who devoted much of her life to improving the lives of diabetic patients.

High-Energy Physicist Edwards Wins Award

Helen T. Edwards, a high-energy physicist at Fermi National Accelerator Laboratory and a research associate at Cornell's Laboratory for Nuclear Studies from 1966 to 1970, is one of six recipients of the 1986 Ernest Orlando Lawrence Memorial Awards for outstanding contributions in the field of atomic energy.

In announcing the awards, U.S. Department of Energy Secretary John S. Herrington cited Edwards for her leadership in construction and commissioning of Fermilab's Tevatron, the world's highest energy particle collider.

Nancy Meislahn Named To Admissions Post

Nancy Hargrave Meislahn has been named to the position of director of the Undergraduate Admissions Office.

Her appointment was announced by Susan H. Murphy, dean of admissions and financial aid.

Meislahn has held several positions in undergraduate admissions since joining the staff in 1980, most recently as coordinator of school and college relations. She is a graduate of the College of Human Ecology.

C. L. Tang, Engineering, Fellow of Optical Society

Chung Liang Tang, the Spencer T. Olin Professor of Engineering in the College of Engineering, has been elected a fellow of the Optical Society of America. He is one of 37 people so honored by the OSA, a member society of the American Institute of Physics.

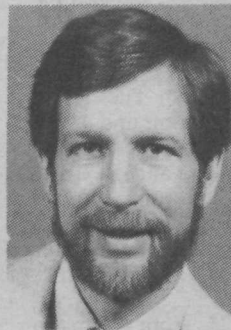
Tang, a leading authority on laser-based science and technology, was cited for his "contributions to nonlinear optics, in particular the development of organic crystals, for nonlinear optical applications and electro-optic tuners for lasers."



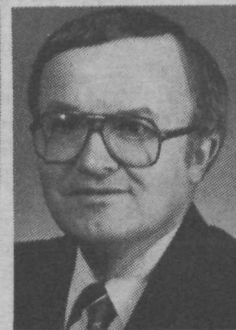
Weir



Brown



Aldrich



Weaver

Four Cooperative Extension Agricultural Agents Receive National Recognition

Four Cornell Cooperative Extension agricultural agents have received awards from the National Association of County Agricultural Agents for their outstanding professional achievements in New York state.

Honored with distinguished service awards were William H. Brown, Seneca County; David Weaver, Erie County; and Richard Weir III, Nassau County. The national organization also presented an achievement award to James M. Aldrich of Washington County.

The distinguished service award is given to those who have worked as agricultural agents for more than 10 years. The achievement award is given to those who have been agricultural agents for less than 10 years.

Brown was cited for his role in strengthening the agricultural economy in Seneca County through his initiative in developing a countrywide master plan for a drainage system that has brought poorly drained land into viable agricultural production. He was also honored for his role in creating the Finger Lakes Wine Council, an organization of grape growers in the region. A 28-year veteran of extension work, Brown serves as coordinator of Cooperative Extension programs in Seneca County.

Weaver was cited for developing innova-

tive education programs for the dairy and livestock industries in New York's western region, including Erie and Wyoming counties. Among the programs he initiated are dairy and pork congresses, a herdsman seminar, and study tours for local and out-of-state producers. He has been an agricultural agent specializing in dairy and livestock production for the past 18 years.

Nassau County's Weir was cited for excellence in consumer and commercial horticulture programming. He has served as the editor of Garden Guides, a periodical dealing with a wide range of gardening and horticultural topics. A staff member for the past 18 years, he serves as a horticultural agent and as extension program leader for the Nassau County Cooperative Extension Association.

Aldrich was honored for his role in helping farmers understand how to use computers in farm businesses. He provided the leadership in the formation of a regional microcomputer users' group, developed a newsletter to exchange hardware and software information, and created a software program. He has been on the Washington County Cooperative Extension staff for the past six years and serves as the county's agricultural program leader.

Cornell Chronicle

MANAGING EDITOR: Randall E. Shew
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 Editorial Office, 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.

Program Matches Engineering Students with Employers

A self-service electronic mail program for scheduling job interviews has taken some of the agony out of choosing prospective employers, and has earned the College of Engineering an award from the College Placement Council.

Appropriately, the interview-scheduling service that won the 1986 Outstanding Achievement Award for Innovative Programs in the Placement Field was designed by students.

"POE" — the Placement Office Environment — has automated Cornell's Engineering Placement Office where 800 soon-to-be-graduates arrange more than 9,000 job interviews each year with 370 companies. It is the first interview-scheduling service at an American university to replace paperwork with computerized "electronic mail" communications.

Before POE went to work for Cornell engineering students in 1985, the frustrating process of selecting prospective employers, arranging appointments, and preparing for interviews took as much time and effort as the toughest three-credit engineering course.

Preparing for interviews is still a challenge, but Cornell engineering students no longer struggle through crowds at bulletin boards and placement libraries to learn which companies are hiring. Scheduling job interviews, a clerical chore that used to take weeks, is accomplished by computer in 10 minutes.

The award-winning program is the work of Alfredo Pastro, a 1985 graduate in computer science; Samir Patel, a 1986 graduate in computer science; and Saman Amarsinghe, a junior in electrical engineering. Sponsored by the Chevron Corp., the Col-

lege Placement Council prize includes a \$1,000 award. Development of POE was funded primarily by the College of Engineering.

POE was selected for the honor from 135 nominees. This is the second such award for a Cornell University placement program; the Cornell Connection, a computerized service that matches graduating seniors with a network of Cornell alumni who have jobs available, won the 1985 Outstanding Achievement Award of the College Placement Council.

Cornell engineering students can use POE, day or night, from any campus location or home that is connected to the university's central computers.

The POE system remembers each engineering student's vital statistics, such as name, degree level, field of study, and citizenship status. It also contains information provided by companies interviewing on the campus — their geographic location, degree levels and majors desired, job opportunity descriptions, citizenship requirements, and the times and places of interviews.

When asked, the match-making POE provides a list of companies tailored to a student's qualifications. That way, masters of

mechanical engineering do not lose time investigating employers that hire only Ph.D.'s in physics.

Details on each company are provided by computer on request. The student selects up to six interviews, in order of preference, and is notified by electronic mail when the interview appointments are confirmed. If there are more requests for interviews than a company can handle, the computer conducts a lottery and selects candidates at random.

POE even notifies qualified students — by electronic mail — of job opportunities with companies that are not interviewing on campus. Responding by computer, the student can direct the placement office to send off a resume.

With POE handling the scheduling, Engineering Placement Coordinator Mark S. Savage and his staff can spend more time advising students. Because POE also compiles statistics, the placement office can advise companies on their image and popularity among students.

"What warrants the greatest recognition," Savage says, "is the fact that POE was conceived, developed, and implemented by our own students."

Court Says Stone Hall Demolition May Continue

A July 13 ruling by the Appellate Division of the New York State Supreme Court has cleared the way for demolition of Stone Hall and construction of a new academic building on the Agriculture Quadrangle.

In a unanimous decision, the five-member panel said state agencies are not subject to local historic preservation ordinances, and that the State University Construction Fund can demolish an existing structure as part of a construction project.

The appellate panel added that the State University Construction Fund had complied fully with the State Historic Preservation Act in all respects.

"This, clearly, is one of the most important cases ever decided affecting the university," Walter J. Relihan Jr., university counsel, said in an Aug. 4 letter to the Board of Trustees.

"As our ... brief stated, '... the trustees cannot hope to discharge the duties vested in them by state law if every step in the development of the physical plant is subject to veto by a local committee which, unlike the State Office of Historic Preservation, is free to ignore the most compelling academic and research imperatives.' That ominous possibility is now removed," Relihan wrote.

Barbara Ebert of Historic Ithaca said her group plans to ask the State Court of Appeals for permission to appeal the ruling; City of Ithaca Attorney Ralph Nash said the city is considering making a similar request. Demolition of Stone Hall will not resume until the court responds to any requests for appeal, Relihan said.

"It is important for us to continue fighting for the preservation and adaptive use of Stone Hall," Ebert said. The July 31 ruling "is rather upsetting because the State Historic Preservation Act is supposed to protect buildings, but actions by the courts are demolishing them," she added.

The July 31 ruling states: "The record firmly establishes that the (State University Construction) Fund fully explored all feasible and prudent alternatives and gave due consideration to feasible and prudent plans which would avoid or mitigate adverse impacts The decision to demolish Stone Hall was based upon a determination that it was not feasible, prudent or practicable to preserve the structure, and our review of the

record reveals nothing irrational in such a determination."

Appellate judges ruling on the case also said that SUCF had followed the state's Environmental Quality Review Act of 1980 by consulting with the State Commissioner of Parks, Recreation, and Historic Preservation.

"State agency projects ... are subject to historical preservation review only at the state level," the judges wrote. "... we conclude that the authority granted to local governments to regulate properties under their jurisdiction for historical preservation purposes does not include the power to regulate the activity of a state agency which might affect historical or cultural property under the control and jurisdiction of the state agency. The act contains a comprehensive review process at the state level for such state agency activity. Had the legislature intended the review process for such activity to occur at both the state and local levels, it would have so provided"

David L. Call, dean of the College of Agriculture and Life Sciences, said: "We will be able to move ahead and provide the much-needed, modern academic facilities now that the temporary delay has been removed."

A court order issued Feb. 10 halted demolition of 81-year-old Stone Hall, delaying construction of "Academic I." A portion of Stone Hall was knocked down before the restraining order was issued by Justice Robert F. Doran, who had ruled that further demolition could not proceed until the State University Construction Fund complied with a City of Ithaca ordinance related to historic structures.

Elwyn Stevens of the State University Construction Fund said it is difficult to determine when construction would start on Academic I, because the project will have to be put out to bid again. Construction was to begin in spring 1986.

The new four-story complex, which will run north and south along the west end of the ag quad, will be home to three academic programs (the education, communication arts, and landscape architecture departments) and administrative units of the College of Agriculture and Life Sciences and Cornell Cooperative Extension. The new building also will include a cafeteria, a 600-seat lecture hall, and classrooms.



An orientation counselor lends a hand during the moving-in process in 1985. That will take place this year starting on Aug. 22.

Orientation

Continued from Page 1

on campus about this newest group of Cornellians.

One major event that regularly packs Barton Hall is the President's Reception and Convocation for new students and parents Saturday morning, Aug. 23. It begins with a reception at 9 a.m., followed by a program at 10 a.m.

Three separate orientation lectures are scheduled, featuring professors who have been chosen by Cornell students for their accomplishments and excellence in teaching.

Frederick Marcham, professor of history and a Cornellian for more than 50 years, will speak at 4:30 p.m. Saturday, Aug. 23, in 120 Ives Hall on the history of the university. His presentation marks the formal end of the program for parents.

At 4:30 p.m. Monday, Aug. 25, Theodore Lowi, professor of government, will speak on the topic "Is There Life After Ronald Reagan?" Lowi is an author and nationally recognized authority on the U.S. presidency. (The date of this lecture was listed incorrectly on Page 3 of the orientation book, but was correct on page 40.)

L. Pearce Williams, professor of the history of science, will once again deliver his popular "Notorious Note-Taking Lecture" at three times—11:15 a.m. Monday, Tuesday and Wednesday, Aug. 25, 26 and 27, in 200

Baker Lab.

The deans of all seven undergraduate colleges, as well as the dean of students, have scheduled dinner with new students Monday, Aug. 25.

Reservations can be scheduled through the Dean of Students Office.

Any new student who has not received a copy of the orientation book may pick up this detailed schedule of events, college by college and for both students and parents, at the Office of the Dean of Students or the Information and Referral Center in Day Hall. Some copies also are available for other community members who would like to take part in some of the specific events.

A complete schedule of orientation events for graduate students is contained in a handbook that is available at the Dean of Students office and at the Information and Referral Center in Day Hall.

Registration for the fall term will be on Tuesday and Wednesday, Aug. 26 and 27, with instruction beginning Thursday, Aug. 28. (See separate story.)

Meanwhile, orientation activities will continue through Sunday, Aug. 31. On that day, at 1 p.m., the multi-media show "American Pictures" will be presented in Alice Statler Auditorium. The schedule book also includes continuing events after orientation week that will be of interest to new students.



A favorite spot for summer people at Cornell and throughout the area is the beachfront at Stewart Park, where these two watch sailboats make their way across Cayuga's waters on a sultry, hazy day.

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 Apgar, 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 Friday prior to publication.

All deadlines will be strictly enforced.

*Admission charged.

Announcements

Intramural Tennis: (doubles) (Men, Women)
Deadline on Entries: Tuesday, Sept. 2 at 4 p.m. in the Intramural Office, Helen Newman Hall. Two to enter ... Fee of \$10 per team, due with your roster. Checks only, payable to "Cornell University." Post-deadline entries will not be accepted. (No refunds after deadline.)

Intramural Football: (Men, Women)
Deadline on Entries: Wednesday, Sept. 3 at 4 p.m. in the Intramural Office, Helen Newman Hall. Minimum of 12 to enter. Playing days: Monday thru Friday starting at 4:35 p.m. Please specify your preferred day of play (1st, 2nd, 3rd choice). There may be two banks of games (you do not have a choice of times). Ten dollars per team to enter, due with your roster. Checks only, payable to "Cornell University." Post-deadline entries will not be accepted. (No Refunds After Deadline.)

Alternatives Library
Located in 122 Anabel Taylor Hall, the library contains more than 5000 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, spirituality and mysticism, among others. Open to the public from 9 a.m. to 5 p.m. weekdays, and until Aug. 10 evening hours are from 8 to 10 p.m. on Wednesdays, Thursdays, and Sundays.

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.

Museum Sale
A wide variety of objects from all areas of the museum's collections is available for purchase in the lecture room. Offerings will change throughout the month. Hours are Tuesdays through Saturdays, noon to 4 p.m. Museum members receive a 10 percent discount on purchases.

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.

Cornell Sailing Club
The Cornell Sailing Club is open to the Cornell and Ithaca communities and accepts members of all levels of competency. Sailing lessons are offered for those who have never sailed as well as for more experienced sailors who wish to improve their skills. The club is located at Myers Point and is open until Sept. 28. Please call Nigel Quinn, vice president Membership, at 255-6049 or 255-1880 (evenings) for further information.

Observatory Open Houses
Fuertes Observatory, located on the hill behind Helen Newman Hall, will be open to the public every clear Friday night this summer from 9 p.m. until midnight. The planet Mars is particularly spectacular this summer. Call the observatory at 255-3557 after 8 p.m. on clear Fridays for more information.

Organizational Meeting
An organizational meeting for the Cornell Tuesday Night Mixed Bowling League will be held on Tuesday, Aug. 26 at 6:30 p.m. in Helen Newman Lanes. All members are encouraged to attend. New teams, couples or individuals are needed, so please come. Further information: Carol Cook, president, 564-9375 or Judy Lattin, secretary, 539-6191.

Dance

Cornell Folkdancers
The Cornell Folkdancers will meet in the North Room of Willard Straight Hall on Sundays. Instruction from 7:30 to 8:30 followed by request dancing until 9:45 p.m. Free. Beginners welcome. No partners needed. For more information call 257-3156.

Israeli Dancing
Israeli Dancing, One World Room, Anabel Taylor Hall, Every Thursday through the week of Aug. 12, 8-10 p.m. Teaching from 8-9 p.m. Requests from 9-10 p.m. Free.

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, 10 a.m. until 5 p.m. Admission is free. Please call (607) 255-6464 for further information.

"Contemporary Drawings from the Permanent Collection" will be shown through Aug. 11. Among the works on display are those by Richard Estes, Willem De Kooning, and Cornelian Susan Rothenberg. The dates of the drawings in the show range from 1960 to 1984, with media ranging from watercolor and magic marker, pencil and crayon, to india ink, gouache, and graphite on paper.

"Contemporary Paintings from the Permanent Collection" will be shown through Aug. 15. The museum has acquired through gifts and purchases several fine examples of contemporary painting. The works reflect modern artistic styles in both this country and Europe. Included are established artists such as James Brooks, as well as lesser-known artists such as David Budd.

"Thirty Years of Contemporary Prints from the Permanent Collection" will be shown through Aug. 31. Displaying outstanding modern prints from the museum's holdings, the works include silkscreens, lithographs, etchings, and collages by Claes Oldenburg, Helen Frankenthaler, Willem and Elaine De Kooning, Robert Motherwell, Janet Fish, Alice Neel, and others.

"American Silver: Selections from the Mary Palmer Rockwell Collection" will be shown through Aug. 31. Sixteen examples of American silver by some of American's leading early silversmiths are on exhibition for the first time. The pieces represented span one hundred years of silver craftsmanship, from the late 17th century to the late 18th century, illustrating transitions in style and form found in American silver work during this period. Included are pieces by Peter Van Dyck, John Heath, Jeremiah Drumer, Meyer Meyers, and Paul Revere. These excellent examples are on loan from Mary Palmer Rockwell, the generous benefactor of the museum's renowned Asian collection.

"Select Examples of Glass by Louis Comfort Tiffany" will be shown through August 31. The core of the Museum's collection of Tiffany glass — vases, tiles, footed compote, seal, and paperweight — was a gift of the Louis C. Tiffany Corporation through the courtesy of Tiffany glassblower A. Douglas Nash, whose son is a Cornell alumnus. The remainder of the museum's collection, a gift from Edythe de Lorenzi, consists of vases, perfume bottle, finger bowl, footed compote, and pitcher of gold and green iridescent glass.

Johnson Museum visitors who have voluntarily contributed funds at the main entrance have made possible the purchase of a lovely early twentieth-century Amish quilt from Lancaster County, Pennsylvania. The quilt displays the qualities of highly prized Amish quilts — fine stitching, striking colors, and traditional design. This distinctive example of traditional American folk art will be on display in the museum through Aug. 31.

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 mid-September. Hours: Monday to Friday, 8 a.m. to noon and 1 to 5 p.m.

Films

Unless otherwise noted, films are sponsored by Cornell Cinema.

Thursday
Aug. 7, 8 p.m. *Anabel Taylor Auditorium. "Weekend" (1968), directed by Jean-Luc Godard, with Mireille Dore and Jean Yanne. Admission \$2.00. Open.

Friday
Aug. 8, 7:30 p.m. *Statler Auditorium. "National Lampoon's Vacation" (1983), directed by Harold Ramis, with Chevy Chase and Beverly D'Angelo. Limited.

Aug. 8, 8 p.m. *Anabel Taylor Auditorium. "Death In Venice" (1971), directed by Luchino Visconti, with Dirk Bogarde and Sylvana Mangano. Admission \$2.00. Limited.

Aug. 8, 9:45 p.m. *Statler Auditorium. "Apocalypse Now" (1979), directed by Francis Ford Coppola, with Martin Sheen and Robert Duvall. Limited.

Saturday
Aug. 9, 7:15 p.m. *Statler Auditorium. "Apocalypse Now" (1979).

Aug. 9, 10:30 p.m. *Statler Auditorium. "National Lampoon's Vacation" (1983).

Sunday
Aug. 10, 8 p.m. *Anabel Taylor Auditorium. "Carmen" (1983), directed by Carlos Asura, with Laura Del Sol, Antonio Gades and Paco de Lucia. Admission \$2.00. Limited.

Aug. 24, 8 p.m. *Anabel Taylor Auditorium. "Wild Strawberries," directed by Ingmar Bergman, with Victor Sjöström and Ingrid Thulin. Open. Admission \$2, \$1 for new students with I.D.

Monday
Aug. 25, 8 p.m. and 10:30 p.m. *Anabel Taylor Auditorium. "Annie Hall" (1978), directed by Woody Allen, with Woody Allen and Diane Keaton. Co-sponsored with Cornell United Religious Work. Limited. Free admission.

Tuesday
Aug. 26, 8 p.m. *Anabel Taylor Auditorium. "The Mystery of Kaspar" (1975), directed by Werner Herzog, with Bruno S. and Brigitte Mira. Open. Admission \$2, \$1 for new students with I.D.

Wednesday
Aug. 27, 8 p.m. *Anabel Taylor Auditorium. "La Strada" (1954), directed by Federico Fellini, with Anthony Quinn and Giulietta Masina. Open. Admission \$2, \$1 for new students with I.D.

Thursday
Aug. 28, 8 p.m. *Uris Hall Auditorium. "Hiroshima, Mon Amour" (1959), directed by Alain Resnais, with Emmanuelle Riva and Eiji Okada. Open. Lectures

"Harmony by Withdrawal: The Communal Experience in America" will be the subject of a lunch-time lecture Thursday, Aug. 7, at noon in 213 Ives Hall. The speaker will be Glenn Altschuler, assistant dean of the College of Arts and Sciences. Sponsored by Summer Session.

Music

Odum Conroy and Friends will perform a free country music concert Thursday, Aug. 7 at 7 p.m. on the Arts Quad. Rain location: Kaufmann Auditorium, Goldwin Smith Hall. Sponsored by Summer Session.

Lute Duets by Elizabethan Conversation, Aug. 9 at 3:30 p.m. A concert of Renaissance music will be presented at the Johnson Museum featuring Wells College professor Susan G. Sandman and instrument maker Derwood Crocker. The program includes works by John Dowland, John Johnson, Jane Pickering, and other composers of the 16th and 17th centuries, as well as a performance of "Greensleeves." Much of the music on the program was discovered, transcribed, and arranged by Sandman during a sabbatical from Wells. Admission is \$2.50 for the public and \$2 for museum members. The concert will take place in the scenic sixth-floor conference room.

Religious Events

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

Every Sunday, 10 a.m., Anabel Taylor Auditorium. Mass.

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

Sacrament of Reconciliation by appointment — 255-4228, G-22, Anabel Taylor Hall.

August 1986						
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
31						

Jewish
Morning Minyan: Monday and Thursday, 7:30 a.m. Young Israel House, 106 West Avenue.

Morning Minyan: Sunday, 8:30 a.m. Young Israel House, 106 West Avenue

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

Every Friday, 7 p.m. Young Israel House, 106 West Avenue

Every Friday, 7:30 p.m. Anabel Taylor Founders Room. Conservative/Egalitarian Shabbat Services. Watch for time changes.

Every Saturday, 9:15 a.m. Anabel Taylor Edwards Room. Orthodox Shabbat Service.

Every Saturday, 10 a.m. Anabel Taylor Founders Room. Conservative Shabbat Service. Young Israel

Friday, 7 p.m. Orthodox, 272-5810, Young Israel, 106 West Avenue



Robert W. Payne, Cornell Public Safety patrol officer, stakes out a marijuana plant found on the White Research Farm July 30. Pot plants discovered there ranged from six inches to five feet in height.

Marijuana Plants Confiscated, Growing on Cornell Property

Public Safety officers here have confiscated 179 marijuana plants that were growing in a university-owned research field near campus.

The plants, ranging in height from six inches to five feet, were in four different plots at the White Research Farm at the intersection of Ellis Hollow and Judd Falls roads in the Town of Ithaca.

The discovery of the marijuana plants July 30 was based on a continuing investigation, according to Cornell Public Safety Capt. Daniel N. Murphy. He said the Tompkins County district attorney has been notified.

No arrests have been made and the investigation continues. The plants confiscated July 30 weighed more than 40 pounds; they will be kept as evidence, and destroyed at a later date, Murphy said.

Murphy declined to say if there is a connection between this discovery and similar investigations by other police agencies.

On July 22, William B. Duke, professor of crop science, was charged by State Police with unlawful growing of marijuana and criminal possession of a controlled substance. Troopers and the Cayuga County District Attorney allege that Duke was growing pot on the university's Aurora Research Farm.

Troopers said they confiscated about 100 marijuana plants over a two-day period at the farm where experimental crops are grown.

Duke, who is free on bail, has been relieved of all university duties with pay, pending completion of an internal investigation and the continuing State Police investigation.

Barton Blotter

Ninety-seven dollars in cash was stolen from seven rooms in University Hall No. 6 at various times between July 17 and July 31, according to the morning reports of the Department of Public Safety.

Three other thefts totaling \$105 were reported during the same period: \$30 from Anabel Taylor Hall, \$50 from North Campus No. 10, and \$50 from University Hall No. 5.

In addition, there were five other thefts reported on campus, including \$2,262 in miscellaneous computer equipment taken from 215 Goldwin Smith Hall and a \$1,200 balance stolen from Morrison Hall. Also reported stolen were a \$376.25 VCR taken from Mary Donlon Hall, and two 10-speed bicycles worth a total of \$750. Losses in cash and valuables from 15 reported thefts amounted to \$5,352.

Three persons were referred to the Judicial Ad-

ministrators, two for forgery and one for altering a parking permit.

Arrested on separate charges of harassment were Leung Pak-Wo of 319 Highland Ave. and Edward H. Judge of 116 Doll Parkway, Syracuse.

Brian K. Bowers of 9 Foothill Road, Freeville, was charged with falsely reporting an incident.

Stemming from the same incident at Phillips House, Richard R. Williams of Clara Dickson Hall was charged with criminal trespass and resisting arrest, and Jeffrey Lalonde of Clara Dickson Hall was charged with providing alcohol to a minor and criminal trespass.

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.

Dust, Noise, Parking Problems: Here Are People You Should Call

Dust, noise, parking problems, and other inconveniences on campus during major construction projects into the early 1990s won't be eliminated, but they may be alleviated thanks to a network of building facility coordinators.

Twenty-four coordinators in units that might experience problems will help the university foresee difficulties and ways to avoid them.

The unit coordinators, working with a team of administrators, are:

- Agriculture & Life Sciences — John Finamore, 255-3211, or Carol Ann Holland, 255-3080;
- Architecture, Art, and Planning — Director of Administrative Operations;
- Arts and Sciences — Jack Lowe, 255-2961;
- Athletics — Patricia Graham, 255-1321;
- Biological Sciences — Harry Stinson, 255-5043, 255-4101;
- Construction and Contracts Management — Ruben Rogers, 255-3500;
- Engineering — Gilbert Rankin, 255-6090;
- Hotel Administration — Gary Morrison, 255-4294 or Allan Lentini, 255-8895;
- Human Ecology — Bernard Ryan, 255-0893;
- Industrial and Labor Relations — David Eastman, 255-6562 or Michael Abarbanelle, 255-2023;
- Johnson Graduate School of Management — Nancy Culligan, 255-5037;

- Law School — Deborah Barley, 255-3527;
- Libraries — John Hoffman, 255-3569;
- Maintenance and Service Operations — Philip Cox, 255-2381;
- National Astronomy and Ionosphere Center — Gene Bartell, 255-0607;
- Nuclear Studies — Dale Held, 255-3733 or 255-4158;
- Nutritional Sciences — Ruth Constantine, 255-5411 or Richard Robinson, 255-8153;
- Residence Life — Charles Jankey, 255-2308;
- Statutory Facilities — Herbert Pallesen, 255-7784;
- Veterinary Medicine — William Anderson, 253-3760;

In addition, people with questions or complaints about construction-related problems, such as noise and changes in on-campus parking and traffic patterns, can call a 24-hour telephone "hotline" for help.

The number, 255-4394, links the caller to the office of Robert M. Matyas, vice president for facilities and business operations. All questions and complaints will be referred to Matyas or one of three key people on his staff — Harold D. Craft Jr., associate vice president for facilities and business operations; Donna M. Raynsford, director of capital projects; and David G. Field, director of business operations.

Calls made when the office is closed will be recorded by an answering machine.

Construction

Continued from Page 1

coordinators of peak class schedules, especially during September when windows are likely to be kept open, and whenever there is a noise problem.

Here is a status report on Cornell's more than half a billion dollar construction program to update existing buildings, and provide new laboratories, classrooms, and other modern facilities, and how this construction over the next five to six years will affect members of the campus community.

Beginning with parking, about 800 new spaces will be available on central campus this fall. The two major parking facilities are a four-story garage behind the West Stands at Schoellkopf Field, where 700 spaces are nearing completion, and on the south side of Tower Road, along Upper Alumni Field, where an on-grade parking lot will accommodate about 300 cars. Both are scheduled to be open in September.

Some existing lots have been improved, and a new area near Baker Lab has been established. Efforts are being made to provide construction workers with spaces in new, temporary lots, rather than existing ones.

"It's always tough in September," said William E. Wendt, director of transportation services at Cornell. "There is no way to get through this major construction period without some impact on traffic, pedestrian flow, and parking, but we're making every effort to diminish the impact on people."

New and improved traffic booths are being added to help motorists find their way onto and around campus, Wendt added.

A new zoned parking system goes into effect this fall, too. The system is aimed at im-

proving the ratio of parking spots to permit holders, according to Wendt.

Also, Forest Home Drive will be open in September. The joint city-town-university project includes rebuilding the east end this year and upgrading the west end in 1987.

Projects under way or set to begin shortly include:

- Crescent renovation
- Townhouse dormitories on North Campus
- University Halls renovations
- Upson Hall addition
- Performing Arts Center in Collegetown
- Clark Hall renovations
- Martha Van Rensselaer Hall renovations
- Stocking Hall addition
- Athletic facilities
- Parking facilities
- Goldwin Smith and Rockefeller halls renovations
- Equitation Center (phase I)
- Statler Inn replacement and renovation
- Computing and Communications Center renovations
- Savage Hall addition
- Space Sciences addition



Footings for the 700-car parking garage behind West Stands have been completed; the pre-cast concrete units for the parking facility will be put in place this month.

Graduate Bulletin

Further information on the fellowship listed below and others is available at the Graduate Fellowship office, 116 Sage Graduate Center, 255-5819, or at your graduate faculty representative's office.

ARGONNE NATIONAL LABORATORY. Oct. 1, 1986 is the application deadline for the Laboratory-Graduate Participants award for students who have completed all requirements for their Master's or Ph.D. degree except the dissertation. The research must require resources not available on campus. Research is performed in Argonne, Ill., in the areas of physical and life sciences, conservation, mathematics, computer science, and engineering. Applicant must be a full-time student at an accredited U.S. college or university. The research program must be approved by the applicant's campus adviser and department chairperson. Appointments are made for a period of up to one year with possible extensions of up to three years. Stipends from the Department of Energy are at the rate of \$8,400/calendar year plus tuition and fees up to \$3,000, and transportation if over 100 miles round-trip.

Thesis Parts Appointments are available for students who wish to perform only a portion of their dissertation research or to satisfy practicum requirements at Argonne. Awards are made on a per diem allowance basis of \$24 in lieu of lodging and subsistence reimbursement plus other allowances. Application must be made at least one month prior to proposed starting date.

Statler Inn Will Close Aug. 17 For \$25 Million Renovation Job

Statler Inn will close Aug. 17 in preparation for a two-year, \$25 million renovation effort.

Faculty Club members and Statler Club card holders can still experience on-campus dining, however. Lunch will be served for Faculty Club members in the One World Room of Anabel Taylor Hall beginning Sept. 1 and Statler cards will be honored at all Cornell Dining facilities beginning with lunch Aug. 22, according to Leslie Selover, Cornell Dining business manager.

Cornell Dining facilities include the Willard Straight, Robert Purcell, and Noyes student unions; Red Bear Cafe; Martha's; Entrepot; and Balch, Hughes, and Risley halls. Plans are also being made to honor Statler cards at facilities managed by Unions and Activities, including the Big Red Barn and the delis and pubs in the three student unions, according to Diane Sheridan,



When completed in September, 300 cars will be able to park on this new lot running east and west along Upper Alumni Field.

- Biotechnology research center construction
- Heating plant improvements
- Beebe Lake dredging

Project managers say there will be some changes in pedestrian routes to certain buildings at various times. Some of those changes include:

- limited access to Savage Hall and Space Sciences, with protection of pedestrian traffic and maintenance of emergency access.
- the inner campus walkway at Clark Hall is closed for a repair project; pedestrians are asked to use Tower Road or the path by the Big Red Barn when walking between the Ag and Arts quads.

Nearby campus, Collegetown may be a bottleneck for a few weeks. There, several projects are in progress, including those of private developers, the City of Ithaca, and

the university.

While Cornell's Performing Arts Center is on schedule, the joint City of Ithaca - Mack Travis project adjacent to the performing arts site is slightly behind schedule, according to developers.

To complicate matters, projects on College Avenue and Eddy Street are either in the construction stage or yet to begin. On Eddy Street an apartment-commercial complex built by the Fontana family is under way, and the former Sam Gould's store on College Avenue will give way soon to a six-story apartment-commercial complex that will include a McDonald's. Rival fast-food restaurant Burger King is about to enter the Collegetown market as well.

Handicapped, Life Safety Parking Fines Increased

Fines for parking in life safety areas and handicapped spaces on campus have been increased, according to William E. Wendt, director of Transportation Services. Also, two new categories of parking fines have been created for unauthorized use of a parking permit and parking on grass or a walkway.

The fine for parking in a life safety zone or handicapped space has been increased from \$20 to \$40, said Wendt. Individuals are subject to a fine and towing. The Traffic Bureau and Public Safety attempt to notify members who are parked illegally to avoid towing as much as possible, he said. If the vehicle is registered, it's easier to reach individuals so they can avoid the towing charge.

Use of an unauthorized parking permit incurs a fine of \$50. This includes permits fraudulently obtained, altered, or counterfeited. It also includes violation of any special restrictions indicated at the time the permit was issued.

A fine of \$35 is now charged for parking on a grassy area or a walkway, said Wendt.

"Life safety zones insure access for emergency and fire vehicles," said Wendt. Enforcement efforts are directed at these areas first. Handicapped spaces are reserved for those individuals with severe mobility restrictions. The work or study of the disabled person is interrupted when the parking space is filled by a vehicle parked illegally, he said.

Any individual who has difficulty finding a parking space in a legal area should call the Traffic Bureau immediately for instructions rather than park illegally, Wendt said. The Traffic Bureau recognizes that there is not enough convenient parking and the large number of vehicles on campus creates a serious problem.

The changes in parking fines are consistent with guidelines determined by the Committee on Transportation Services, he said.

Unions and Activities business manager.

Coffee and vending services will be provided in Cafe Rhea in Statler Hall.

In a related matter, 13 people displaced by the Statler closing are yet to be placed in other jobs, said E. Peter Tufford, manager of employee relations.

Attempts are continuing to find jobs for two service maintenance employees, four clerical staff, and three exempt employees from the Statler. Also, jobs are being sought for four other bargaining unit members who were displaced from their positions by Statler workers.

All but nine of the Statler employees seeking work at Cornell have been placed, Tufford said.

Efforts are also being made to find jobs for 10 people affected by the Aug. 20 closing of the Copy Preparation Center and the Sept. 17 closing of Laundry Services, he added.

Cornell University

**University Personnel Services
Day Hall
Ithaca, New York 14853**

Please Note:

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

ployees who wish to transfer to other jobs within the University should complete a separate Employee Transfer Application form for each position and submit the form(s) to Staffing Services. Individuals with official University layoff status are given preference in referrals. Applicants: Applications for employment are available at Cornell University's

employment office at East Hill Plaza at the intersection of Ellis Hollow Road and Judd Falls Road in Ithaca, from 9:00 a.m. to 12:00 noon, Monday through Friday. Completed applications can be submitted through the mail to University Personnel Services, Staffing Services, 160 Day Hall, Ithaca, NY 14853. This listing is also available on CUINFO, Cornell University's computerized information service. For further details on CUINFO, contact the Information

and Referral Center.

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

Job Opportunities

Cornell University is an equal opportunity, affirmative action employer.

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/PROFESSIONAL

Administrative/Professional

The minimum salaries listed are for recruitment purposes only.

DIRECTOR OF ACCOUNTING, (PA3111)
Controller's (Accounting)
Manage and supervise the daily operations of the Endowed Accounting Office. Establish and administer University accounting policies and procedures. Direct the preparation of the University's annual financial report and serve as the liaison between the department and internal and external auditors. Provide support to the assistant controller regarding computer systems enhancements, departmental planning, and development of University training programs.

Requirements: Bachelor's degree or equivalent required. Master's degree or CPA preferred. Considerable University and public accounting experience essential. Familiarity with computerized financial systems desirable. Must possess demonstrated supervisory ability and excellent verbal and written communication skills. Please send cover letter and resume to Ralph D. Jones by September 26, 1986.

GRAPHIC CONSULTANT (PT318)
Theory Center, PSF
Support graphics applications running on Cornell's Production Supercomputer Facility which are interfaced to microcomputers or terminals on local or national computer networks. Develop materials and provide training to local and national supercomputer users on supercomputer graphics software, networking issues, and workstation hardware and software.

Requirements: Bachelor's degree or equivalent with coursework in computing or related fields. 3 to 5 years related experience. Detailed knowledge of mainframe graphics software required. Ability to develop graphics programs required on mainframe or microcomputer. Knowledge of microcomputer software and hardware in the area of graphics (esp. IBM PCs and Macintosh). Knowledge of common graphics terminals. Excellent communication, interpersonal, organizational and planning skills. Please send cover letter and resume to Cynthia Smithbower.

MICROCOMPUTER CENTER MANAGER (PT311)
A.R. Mann Library
Manage the Microcomputer Center in Mann Library; prepare and control center's operational budget. Supervise and evaluate student employees. Consult with microcomputer users and with administration on public access computing. Implement program of instruction in applications software. Support library's overall program of instructional workshops. Assist with staff computer projects on occasional basis.

Requirements: Bachelor's degree or equivalent some study of computing or substantial exposure to the use of microcomputers in a working situation. One year supervisory experience highly desirable. Some library experience desirable. Good written and oral communication skills required. Willingness to work in a public facility with frequent interruptions required. Please send cover letter and resume to Cynthia Smithbower by August 15, 1986.

SENIOR ACCOUNTANT (PA3112)
Controller's (Accounting)
Provide general supervision for accounts payable operation. Prepare annual financial report and related schedules. Consult with departments on accounting procedures. Responsible for preparation of various financial analyses. Provide staff support to the director of accounting.

Requirements: Bachelor's degree or equivalent in business or accounting. Minimum of 3 years professional accounting experience. Strong interpersonal skills and previous supervisory experience high % computerized financial systems is essential. Please send cover letter and resume to Ralph D. Jones by September 5, 1986.

ter and resume to Ralph D. Jones by September 5, 1986.

ASSISTANT REGIONAL DIRECTOR (PA3110)
Public Affairs Regional Office (NYC Office)
Assist the director in the implementing of the University's Public Affairs programs in development, alumni affairs, alumni secondary schools committees and college programs.

Requirements: Bachelor's degree, preferably at Cornell. 2 to 3 years experience in public affairs related activities such as recruitment and training of volunteers is desirable. Please send cover letter and resume to Ralph D. Jones by August 21, 1986.

STAFF WRITER II (PC316)
University Development
Create and write promotional brochures, articles, proposals and letters related to fund raising or public relations. Carry out special communication assignments and develop communication strategies working with various University faculty and staff.

Requirements: Bachelor's degree in English, journalism, marketing or communication arts. Minimum one year experience as a writer in fund raising, advertising, public relations or higher education. Please send cover letter, resume, and 3 writing samples or call in confidence to Esther L. Smith by August 18, 1986.

EQUITATION CENTER MANAGER (PA319)
Physical Education & Athletics
Manage the Oxley Equitation Center activities and staff, including supervision of staff, purchasing, repair and maintenance, budget control, public/alumni relations, animal care, acquisition and disposition of horses.

Requirements: Bachelor's degree in animal science, agricultural business, or other related field. 1 to 3 years working experience with horses. Excellent interpersonal skills, financial experience preferred, proven ability to supervise a number of staff. Ability to instruct riding classes. Please send cover letter and resume to Ralph D. Jones by August 21, 1986.

ADMINISTRATIVE SUPERVISOR (PA317)
Dean of Students Office
Responsible for overall financial administration, development and supervision of administrative staff, and office management.

Requirements: Bachelor's degree or equivalent. 3 to 5 years administrative or office supervisory responsibility. Some knowledge of IBM computers and systems management desirable. Strong organizational, communication and interpersonal skills. Knowledge of funds accounting systems and budget analysis. Please send cover letter and resume to Ralph D. Jones by August 21, 1986.

EXECUTIVE STAFF ASSISTANT (PC315)
Long Island Horticultural Research Lab - Riverhead, NY

Act as the laboratory coordinator's agent in the conduct of administrative matters for four college departments which have permanent staff at the Long Island Horticultural Research Laboratory and the other departments which have formal or informally arranged projects at the laboratory.

Requirements: Associate's degree or equivalent. Knowledge of accounting principles and computer operation. Good organizational and personnel management skills. Excellent interpersonal skills. Shorthand or dictating equipment experience desirable. Call in confidence to Esther L. Smith at (607) 255-6874.

STUDENT DEVELOPMENT SPECIALIST (PA314)
Learning Skills Center
Order, organize and maintain reading laboratory materials; organize reading lab instruction, and maintain student records. Also, provide individual assistance to students referred to the lab, scoring and tabulating tests and preparing reports. 9 month position.

Requirements: Bachelor's degree in reading, education, or related field. Experience working with college students. Please send cover letter and resume to Ralph D. Jones by August 21, 1986.

STUDENT DEVELOPMENT SPECIALIST (PA313)
Learning Skills Center
Provide instruction to students wanting to improve reading and study skills. Assist the coordinator in developing and teaching workshops on improving reading and study skills. Assist in developing and organizing materials, and maintaining and analyzing student records. 9 month position.

Requirements: Bachelor's degree in reading or education. Experience working with college students. Please send cover letter and resume to Ralph D. Jones by August 21, 1986.

DIVISION MEDIA MANAGER (PA3113)
Division of Summer Session, Extramural Study and Related Programs

Under direct supervision of the associate dean, develop and administer advertising and public relations under direction of division senior staff; responsible for planning, coordination, scheduling, production, and distribution of all printed and other publicity materials.

Requirements: Bachelor's degree or equivalent. Knowledge of editorial, layout, and production techniques; newspaper, periodical, and advertising industries; computer applications including Macintosh Page Maker. Experience in writing for diverse publics. Please send cover letter and resume to Ralph D. Jones by August 21, 1986.

SYSTEMS PROGRAMMER III (PT301)
Computer Science
Design and implement advanced network software systems for use by the Computer Science department's research computing facility. Provide programming support in C & Mesa.

Requirements: Bachelor's degree in mathematics or computer science plus at least 3 years professional programming experience or graduate study in computer science. Significant experience in computer networking protocols, software project management and software development. Knowledge of the Mesa and C programming languages, UNIX operating systems, LISP. Please send cover letter and resume to Cynthia Smithbower by August 15, 1986.

RESEARCH SUPPORT SPECIALIST II (PT307)
Animal Science
Collect and analyze laboratory samples for professor conducting research on animal growth. Specific duties include modification, development, and routine conduct of analytical methods.

Requirements: Bachelor's degree in chemistry or biological sciences. Ability to work with minimum supervision; organization, and supervisory ability; ability to search literature and develop assays; knowledge of quantitative chemical techniques, radioimmunoassays, autoradiography, cell and tissue culture helpful. Please send cover letter and resume to Cynthia Smithbower by August 15, 1986.

RESEARCH SUPPORT SPECIALIST II (PT302)
Textiles and Apparel
Plan and design experiments; collect, record and analyze data; contribute to published research findings, organize and acquire equipment and supplies for research laboratory and supervise other laboratory personnel.

Requirements: Master's of Science degree in physical science or Bachelor's degree in material science, chemistry; quantitative skills necessary. Math and computer skills needed in data acquisition and analysis, technical report writing required. Experience in electron microscopy and microtomy required. Please send cover letter and resume to Cynthia Smithbower.

SYSTEMS PROGRAMMER III (PT296)
Theory Center
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. Please send cover letter and resume to Cynthia Smithbower.

APPLICATIONS PROGRAMMER III (PT2911)
Mechanical & Aerospace Engineering
Responsible for continued development of a large, sophisticated software package. Includes documentation, development of new applications and system utilities to support ongoing application development.

Requirements: Bachelor's degree in technical field; Master's degree helpful. Programming experience in PASCAL, C, UNIX, color graphics and distributed processing. Please send cover letter and resume to Cynthia Smithbower by August 15, 1986.

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 - 6:00pm. 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, GR22 (C311)
Johnson Museum
Provide administrative and secretarial support to director. Type correspondence; arrange travel; maintain calendar; serve as personnel officer; oversee museum gift processing; handle projects as assigned.

Requirements: Associate's degree or equivalent. Heavy typing. Ability to work well independently and under pressure essential. Strong interpersonal, organizational and communication skills necessary. Some related administrative or development experience as well as supervisory experience necessary. Excellent typing skills essential. Coursework in art history desirable. Minimum Biweekly Starting Salary: \$539.94

ADMINISTRATIVE AIDE, GR21 (C318)
NYSSILR - Extension NYC
Provide secretarial and administrative support to the director, NYC Labor Program and the director of Labor Liberal Arts, Trade Union Women's Studies. Coordinate and administer workshops and programs, heavy public relations; process vouchers and payroll authorization forms; maintain mailing lists, student records, etc. Requirements: Associate's degree or equivalent. Medium typing. Minimum 2 years experience. Ability to work independently. Excellent interpersonal skills. Attention to detail essential. Minimum Biweekly Starting Salary: \$512.32

SECRETARY, GR20 (C204) (Repost)
Public Affairs Regional Offices Wynnewood, PA
Type correspondence, forms, vouchers and other materials; keep records; provide file maintenance; receptionist support; handle meeting and travel arrangements for director of North Central Regional Offices; handle special projects as needed; interaction by phone and in person with alumni.

Requirements: High school diploma required. Secretarial training desired. Medium typing. Minimum 2 to 3 years secretarial experience. Excellent organizational, interpersonal and communication (written and oral) skills. Ability to work independently and use IBM XT or equivalent. Minimum Biweekly Starting Salary: \$468.29

SECRETARY, GR20 (C3114)
Public Affairs Regional Offices - Metro, New York City
Type correspondence, forms, vouchers and other materials; schedule appointments; maintain event calendar; assist in meeting arrangements; assist at public affairs events occasionally; interaction by phone and in person with alumni.

Requirements: Associate's degree or equivalent. Heavy typing. Minimum 2 to 3 years secretarial experience. Good organizational, interpersonal, and communication (written and oral) skills. Minimum Biweekly Starting Salary: \$482.33

CIRCULATION/RESERVE SUPERVISOR, GR20 (C3115)
University Libraries - Hotel Library
Responsible for staffing and operation of all aspects of circulation and reserve services. Attend University Library Circulation-Reserve staff meetings; in librarian's absence, interpret all loan policies and procedures to patrons and staff; make staffing decisions during hours of service. Report to librarian.

Requirements: College education preferred. Light typing. Minimum 2 years of public service experience necessary, preferably in library circulation. Supervisory experience. Ability to deal effectively with faculty and students. Strong communication and organizational skills. Minimum Biweekly Starting Salary: \$482.33

SECRETARY, GR20 (C181)
Public Affairs Regional Office Southeast Regional Office (Coral Springs, Florida)
Type correspondence, forms, vouchers and other records, provide file maintenance and receptionist support; handle meeting and travel arrangements for director of Southeast Regional Office; interaction by phone and in person with alumni. Special projects as needed.

Requirements: Associate's degree or equivalent. Medium typing. Minimum 2 to 3 years secretarial experience. Excellent organizational, interpersonal and communication (written and oral) skills. Ability to work independently. Ability to use IBM XT or equivalent desirable. Minimum Biweekly Starting Salary: \$468.29

SECRETARY, GR19 (C3116)
LASSP
Provide secretarial support for group of faculty

Job Opportunities

members and their research groups. Assist in preparation of grant proposals, manuscripts for publication and general correspondence; maintain calendars; make travel arrangements; considerable interaction with other Cornell departments.

Requirements: Associate's degree in secretarial science or equivalent. Heavy typing. Minimum 2 years secretarial experience. Good technical typing and communication skills essential. Strong organizational skills. Ability to work independently. Computer experience helpful.
Minimum Biweekly Starting Salary: \$457.09

SECRETARY, GR19 (C3113)
Chemical Engineering
Provide secretarial support for 3 to 5 faculty. Type course material, scientific manuscripts, research grant proposals, correspondence; make travel arrangements; maintain calendars, research and correspondence files. Other duties as assigned.

Requirements: High school diploma or equivalent. Some secretarial or business school preferred. Heavy typing. Minimum 2 or more years secretarial and word processing experience. Excellent typing skills, preferably with technical typing experience. Good organizational and interpersonal skills. Ability to work under pressure.
Minimum Biweekly Starting Salary: \$457.09

SECRETARY, GR19 (C319)
Ecology and Systematics
Provide secretarial support for several department faculty and the graduate field representative. Type correspondence, manuscripts, statistical charts; answer telephones; draft correspondence; maintain graduate student files; perform other supporting functions.

Requirements: Associate's degree in secretarial science or equivalent preferred. Heavy typing. Extensive secretarial experience. Word processing (Xerox 860) highly desirable. Excellent proofreading skills. Strong organizational, communication, and interpersonal skills. Ability to work independently and under pressure.
Minimum Biweekly Starting Salary: \$457.09

SENIOR CIRCULATION/RESERVE ASSISTANT, GR18 (C3117)

Access Services - Olin Library
Work at circulation desk. Interpret loan policies; charge out materials; file; handle renewals and overdues; collect fines, etc.; train student assistants, especially regarding billing procedures. Full-time, regular; Tues. - Thurs., 1:00pm-9:00pm; Friday, 9:00am-6:00pm.; Sat., 9:00am-6:00pm.

Requirements: Some college background. Light typing. Organizational ability and aptitude for detailed record keeping. Ability to work effectively with a variety of people in a public service capacity.

Minimum Biweekly Starting Salary: \$431.43

SEARCHER, GR18 (C3119)

Acquisitions - Olin Library
Search the card catalogs, national and trade bibliographies, RLIN, and other files for bibliographic information pertaining to books which the library is ordering or has received. Input records for new books and orders in the RLIN database. Full-time, regular; 39 hours per week; some evening hours required.

Requirements: High school diploma or equivalent. Light typing. Minimum 3 years progressively more responsible technical services experience. Additional education may be substituted for experience. Reading knowledge of at least one Western European language.

Minimum Biweekly Starting Salary: \$431.43

OFFICE ASSISTANT, GR18 (C315)

University Development
Assist the business manager and the accounts assistant in the daily financial operations. Process monthly billings and post to the ledger; liaison with Purchasing, Telecommunications, General Stores and Accounting Offices as well as local vendors.

Requirements: High school diploma or equivalent. Business or accounting background desirable. Some office experience. Knowledge of Cornell accounting procedures, IBM PC XT and Symphony software desired. Excellent interpersonal skills. Attention to detail. Ability to work well under pressure.

Minimum Biweekly Starting Salary: \$431.43

SEARCHER, GR18 (C3118)

Serials - Olin Library
Perform preorder and precatalog searching for all new serial requests. Perform precatalog searching for serial titles requiring recataloging due to title or entry changes; assist with other related tasks at request of searching supervisor or associate serials librarian.

Requirements: Some college background. Light typing. Previous library experience helpful. Reading knowledge of at least one foreign language helpful.

Minimum Biweekly Starting Salary: \$431.43

DATA ENTRY OPERATOR, GR18 (C3112)

Controller's - Endowed Accounting
Input accounting information on IBM system 36 terminal. Miscellaneous clerical duties as assigned.

Requirements: High school diploma or equivalent. Medium typing. Data entry experience or formal data entry training. Keyboard accuracy and speed a must. Ability to work under pressure very important.

Minimum Biweekly Starting Salary: \$431.43

SECRETARY, GR17 (C3111)

Romance Studies
Provide clerical support for the editors of two journals and 17 faculty members. Type correspondence, manuscripts; coordinate mailings; assist supervisor at course registration; receptionist duties.

Full-time, regular; 10 month appointment; 8/15/86-6/15/87.

Requirements: High school diploma or equivalent. Heavy typing. Secretarial experience. Knowledge of IBM word processor. Previous experience in multiple task office work.

Minimum Biweekly Starting Salary: \$409.53

SECRETARY, GR16 (C317)

Physical Education & Athletics
Provide secretarial support to coaches and administrative unit of the department. Type correspondence, forms, etc; handle mail; answer telephone; maintain office supplies. Other duties as assigned.

Requirements: High school diploma or equivalent coursework in word processing. Heavy typing. Demonstrated secretarial skills including familiarity with all forms of office equipment. Experience on displaywriter essential. Excellent written and oral skills.

Minimum Biweekly Starting Salary: \$390.08

OFFICE ASSISTANT, GR16 (C314)

Learning Skills Center
Serve as office receptionist. Answer telephone; take and forward messages; serve as typist for staff instructors; monitor student access to microcomputers.

Requirements: High school diploma or equivalent. Medium typing. Minimum one year experience in office setting. Experience with microcomputers or business machines desirable.

Minimum Biweekly Starting Salary: \$390.08

BINDING ASSISTANT, GR16 (C3011) (Repost)

Preservation-Conservation - Olin Library
Prepare and apply call number labels for newly acquired volumes; prepare monographs and serials for binding, or inhouse, or inhouse treatment; help prepare library materials for microfilming, and perform other conservation duties as required.

Requirements: High school diploma or equivalent. Medium typing. Ability to perform detailed work with accuracy and speed. Previous library experience helpful, especially in related field. Manual dexterity. Knowledge of one foreign language helpful, but not required.

Minimum Biweekly Starting Salary: \$390.08

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.

UTILITIES DRAFTER, GR21 (G311)

Facilities Engineering
Maintain utility maps, files, and records, and provide drafting support for the Utilities and Facilities Engineering department.

Requirements: Associate's degree in construction technology, or high school diploma with 2 years drafting experience. Must have the ability to remove and replace various types of utility structures (i.e. manhole covers).

Minimum Biweekly starting salary: \$512.32

MAINTENANCE MECHANIC, GR20 (G313)

Buildings & Properties, Geneva
Assist with carpentry, masonry, plumbing, and other trades to maintain, add to, or improve the Experiment Station building and properties and related facilities.

Requirements: High school diploma or equivalent. NYS driver's license required. 2 to 4 years experience in basic maintenance work, carpentry, masonry, and building trades necessary. Knowledge of woodworking and ability to operate woodworking machinery and tools. Proven general mechanical ability in building trades.

Minimum Biweekly Starting Salary: \$482.33

ANIMAL TECHNICIAN, GR18 (G312)

Microbiology (Vet)
Care of large animals (ponies, calves) under isolation unit conditions, collect blood and other samples from them as needed, assist in the maintenance of research records and in upkeep of the physical plant.

Requirements: High school diploma or equivalent. Experience in the humane handling of large animals, ability to collect clinical samples (blood, urine, feces, nasal swabs, etc). Must be able to lift 50 lbs. Physical exam required. Valide driver's license.

Minimum Biweekly Starting Salary: \$431.43

SHORT ORDER COOK, SO18 (G314)

Dining Services
Prepare and serve food directly to customers from a short order area.

Requirements: High school diploma or equivalent. Six months experience related to job. Familiarity with short order cooking equipment. Ability to prepare a variety of foods under pressure. Good customer relations.

Minimum Biweekly Starting Salary: \$5.71/hour

Technical

Outside applicants for technical positions should submit an employment application, resume, transcripts and a list of laboratory techniques and equipment, or computer languages and hardware with which you are familiar. This information will be kept active for six months. For each position that you are qualified and wish to be a candidate for, submit a cover letter, including position title, department and job number, to Cynthia Smithbower. Current Cornell employees should submit an employee transfer application, resume and cover letter. Outside applicants with training or experience in the following areas are encouraged to apply: biochemistry, chemistry, microbiology, electronics, physics and licensed animal health technicians.

TECHNICIAN, GR22 (T313)

Equine Drug Testing & Research
Perform analysis in laboratory under direction of senior chemist. Analysis includes routine operation and maintenance of HPLC, thin layer chromatography equipment and drug extraction from blood and urine and echniques.

Requirements: Bachelor's degree in chemistry or associate's degree with experience. Some lab experience. Familiarity with HPLC and/or thin layer chromatography preferred. Apply by August 15, 1986.

Minimum Biweekly Starting Salary: \$539.94

TECHNICIAN, GR22 (C311)

Plant Pathology (Geneva)
Assist in conducting research in a biochemistry laboratory on the biochemical mode of action of fungicides.

Requirements: Bachelor's degree or equivalent. Master's degree in biochemistry or chemistry preferred, with at least two years of practical research experience. Training or experience in the use of radioisotopes in biochemical research desirable.

Minimum Biweekly Starting Salary: \$539.94

TECHNCIAN, GR19 (T312)

Plant Pathology
Carry out experiments with satellite RNAs of cucumber mosaic virus to explore their use as a cloning vector for plants. Duties involve many basic techniques of molecular biology including DNA constructions and hybridization assays, as well as experiments with whole plants.

Requirements: Bachelor's degree or equivalent in biology, genetics, biochemistry, or related field. One year laboratory research experience involving nucleic acid molecular biology. Apply by August 15, 1986.

Minimum Biweekly Starting Salary: \$457.09

TECHNICIAN, GR19 (T272) (Repost)

Agricultural Engineering
Provide technical support for a study evaluating pathogen reduction during the aerobic digestion of sewage sludge in cold climates. Position ends March 4, 1987.

Requirements: Bachelor's degree in engineering, chemistry or related field. Associate's degree with appropriate experience may be acceptable. Some experience in a technical laboratory using analytical chemistry skills helpful. Motor vehicle operators license necessary. Apply by August 15, 1986.

Minimum Biweekly Starting Salary: \$457.09

TECHNICIAN, GR21 (T291)

Diagnostic Laboratory
Perform a variety of microbiological techniques including AGID tests, serum neutralization tests, complement fixation and antigen preparation and standardization. Overall responsibility for all samples submitted for the Blue Tongue and Bovine Leukosis virus state survey program.

Requirements: Bachelor's degree in microbiology with 2 years laboratory experience. Experience in serology, working with infectious agents, good sterile techniques required; experience in complement fixation and tissue culture desired. Apply by August 15, 1986.

Minimum Biweekly Starting Salary: \$512.32

TECHNICIAN, GR21 (T263) (Repost)

Diagnostic Laboratory
Assist in development of serological assays on automated equipment; conduct experiments and reduce and summarize data using computerized routines.

One year term.

Requirements: Bachelor's degree or equivalent in microbiology, serology or related field. Preferably two years experience in serology or immunology laboratory and a knowledge of computers. Familiarity with general lab equipment; centrifuges, balances, pipetors. Apply by August 15, 1986.

Minimum Biweekly Starting Salary: \$512.32

TECHNICIAN, GR19 (T292)

Animal Science
Perform laboratory assays for plasma and whole blood metabolite and hormone concentrations; perform histological and histochemical procedures on skeletal muscle tissue; use computer assisted data acquisition instrumentation; assist with animal care and experimentation; maintain a clean and orderly laboratory.

Requirements: Bachelor's degree in animal science, biological sciences or related area with coursework in histology, physiology or cell biology helpful. Histological, histochemical, radioimmunoassay, biochemical assay experience preferred; familiarity with making up standard solutions, use of microscopes, pH meter, spectrophotometer, desired. Apply by August 15, 1986.

Minimum Biweekly Starting Salary: \$457.09

Part-time

WORD PROCESSING OPERATOR, GR19 (C3110)

Chemistry
Provide word processing support for one professor and research staff. Produce manuscripts and research proposals as well as correspondence using word processing equipment; transcribe from dictaphone; highly technical work, involving Greek symbols, mathematical formulae and equations. Part-time, regular; Monday - Friday, 9 to 2 or flexible.

Requirements: Associate's degree or equivalent. Medium typing. Minimum 2 to 3 years experience using Micom word process or other word processor with appropriate software, producing technical documents using mathematical symbols and Greek.

Minimum Biweekly Starting Salary: \$457.09

SPECIAL COLLECTIONS ASSISTANT, GR18 (C3120)

University Libraries - Law Library
Maintain all special collections in the Law Library, including foreign and international law, faculty looseleaf services and all microform materials. Shelving caged material; process and file microform materials; circulation desk back-up. Other duties as assigned.

Requirements: Associate's degree or equivalent. Light typing. Library experience preferred. Attention to detail. Strong organizational skills. Ability to work independently. Reading knowledge of a European language helpful, especially French or German.

Minimum Biweekly Starting Salary: \$431.43

OFFICE ASSISTANT, GR16 (C313)

Johnson Museum
Operate reception desk in museum lobby, providing information to visitors; operate museum sales counter; serve as back-up telephone receptionist as required. May involve additional hours during special events. Part-time, regular; Monday - Friday, 12:30-5:00.

Requirements: High school diploma or equivalent. Excellent interpersonal skills. Ability to work under pressure and with minimum of supervision. Previous experience as receptionist desirable.

Minimum Biweekly Starting Salary: \$390.08

OFFICE ASSISTANT, GR16 (C312)

Johnson Museum
Operate reception desk in museum lobby, providing information to visitors; operate museum sales counter; serve as back-up telephone receptionist. May involve additional hours during special events. Part-time, regular; Monday - Friday, 8:00am-12:30.

Requirements: High school diploma or equivalent. Excellent interpersonal skills. Ability to work under pressure and with minimum of supervision. Previous experience as receptionist desirable.

Minimum Biweekly Starting Salary: \$390.08

RESEARCH AIDE, GR20 (C307)

Chemistry
Provide support to a professor of organic chemistry. Collect, compile and synthesize data from literature research; organize professor's research data files; prepare manuscripts and grant applications; manage correspondence, make travel arrangements; maintain filing, handle appointment calendar. Part-time, regular; Monday - Friday, 9am - 2pm or flexible.

Requirements: Associate's degree or equivalent experience. College coursework in chemistry or biology helpful. Medium typing. Library research, scientific writing and editing, technical drawing and secretarial experience essential. Knowledge of microcomputers and software for word processing useful. Reading knowledge of French or German useful.

Minimum Biweekly Starting Salary: \$482.33/full-time equivalent

CUSTODIAN, SO16 (G305)

Unions & Activities - Noyes Center
Provide general maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. Part-time, regular; some nights and weekends.

Requirements: Ability to use a variety of heavy power operated equipment, climb an 8' ladder and lift 50 lbs.

Minimum Biweekly Starting Salary: \$5.14/full-time equivalent

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.

CASHIERS (TEMPORARY-FULL-TIME) (G315)

Campus Store
We are now accepting applications for temporary cashiers, sales assistants, materials handlers, etc. for the book rush at the end of August. If you are interested please inquire in person at the East Hill Plaza Office, Tuesday, Wednesday or Thursday between 9:00am and 11:00am.

DARKROOM TECHNICIAN (G294) (Repost)

Publications Photography
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 35mm negatives. Please apply in person at the East Hill Plaza Employment Office 9am - 12 noon, Monday - Friday.

FIELD ASSISTANTS (G293)

Plant Breeding
Harvest vegetable and forage crops. Must be available through November, 1986.

NYS driver's license and ability to lift 50 pounds required. Please apply in person at the East Hill Plaza Employment Office, Tuesday - Thursday, 9am - 12 noon.

Minimum Biweekly Starting Salary: \$3.50/hour

Academic

RESEARCH ASSISTANT I OR II (A311)
Boyce Thompson Institute (Contact department directly)

Culture insects and fungi and conduct experiments on biological activity of microbially-produced metabolites. Write reports on experiments and conduct literature searches.

Requirements: Bachelor's degree or equivalent experience. Lab experience with insects and/or microorganisms and computer experience (word processing, data base, spreadsheet, statistics) desirable.

Minimum Biweekly Starting Salary: \$11,600
Contact Dr. Donald W. Roberts, Boyce Thompson Institute, 257-2030.

ASSOCIATE DIRECTOR (A301)

Cornell University Agricultural Experiment Station—Associate Director for Research of the College of Agriculture and Life Sciences

Contact: N.R. Scott, Director, Office for Research, 292 Roberts Hall



In a properly herbal setting, Jean Warholic talks about the use of herbs in dyeing during the annual Herb Days at Cornell Plantations during the last weekend in July.

Brief Reports

Museum Has Works Available for Loan

The Herbert F. Johnson Museum of Art has a campus loan collection available to university offices able to comply with the museum's guidelines on security and maintenance procedures. Contemporary abstracts, landscape and floral paintings, and a variety of prints are a few of the current offerings. The rental fee is \$10 for each work.

Works of art are available on a first-come, first-served basis. In addition to works for rent, there is a small supply of paintings and sculpture available for permanent department transfer. Offices recently enhanced with museum works include those of Telecommunications, Development, and Sage House.

Call the museum registrar, Cathleen Anderson, at 255-6464 to make an appointment to see the loan collection.

Flying Instruction Offered This Fall

The Department of Physical Education, in conjunction with the Taughannock Aviation Corp., will sponsor a course in flying instruction this fall term, open to all university personnel.

The course will include 36 hours of lecture given on Tuesday and Thursday evenings at Schoellkopf Hall and 20 hours of dual flying practice hours arranged at the convenience of the instructor. The course will lead to a solo flight. The fee will be \$1,250.

If students desire they can then arrange, on their own, for additional dual flight practice hours, at a reduced rate, that will lead to an FAA license. Registration will be held in Teagle Hall gymnasium on Tuesday and Wednesday, Aug. 26 and 27, from 8:30 to 11:30 a.m., and 1 to 3 p.m. Course enrollment is limited.

Student Services Office Receives SUNY Citation

The Office of Student Services in the College of Human Ecology has been cited for "Excellence in Programming" by the State University of New York Career Development Organization.

The office was recognized for "The Interchange," a monthly publication for students, faculty, and administrators highlighting news of the college's career planning and placement office, Human Ecology students, and the field of career planning.

The award competition was open to all career services professionals at SUNY's 64 campuses.

Second Session Planned On Nature Photography

A second session of Shoals Marine Laboratory's Nature Photography seminar has

been scheduled for Aug. 18-23, at the Cornell University/University of New Hampshire facility on Appledore Island, Isles of Shoals, Maine.

The program is open to any interested photographer with a 35mm. camera, from beginner to advanced. From the tiny frame of micro- and macrophotography to the immensity of an ocean seascape, nature lovers and camera buffs will find unlimited subject matter in Appledore's thickets, rocks, tidepools, bird rookeries and laboratory specimen tables.

A professional nature photographer, Peter Randall of Portsmouth, N.H., and Shoals Marine Laboratory biologists will teach the program. The course fee of \$475 covers housing, meals and all course fees including limited color film and processing.

For further information, contact Shoals Marine Laboratory, G-14 Stimson Hall, telephone 255-3717.

Dairy Store Moving During Construction

Those picking up some milk, ice cream, and — who could forget — pudding at the Cornell Dairy Store will need to visit the store at its new location beginning Aug. 12.

"We'll be on the first floor of Stocking Hall, facing Tower Road, for the next 18 months or so," said David Brown, dairy plant manager. "Our new entrance will be next to the Red Bear Cafe."

The Dairy Store will be closed through Aug. 11 to move from its current home in the rear of Stocking Hall. The relocation is required because of construction of a food processing and development lab adjacent to the current Dairy Store site.

Plans call for 10 parking spaces for Dairy Store customers — including meters that will give a free 15 minutes with a twist of their dials — in the parking lot at Judd Falls and Tower roads, Brown said. Dipped hard ice cream cones will be available at the store before the beginning of the fall semester, for the first time in more than five years, he added.

Cuomo Signs Legislation For Supercomputer Loan

New York Gov. Mario M. Cuomo has signed legislation providing a \$5 million loan to construct a building for Cornell's national supercomputing center.

The university has also received a \$5 million state budget grant, bringing total state support to \$10 million.

"This state has long been recognized as an international leader in high technology," Cuomo said after signing the legislation that also provides \$63 million in loans for high technology centers at Columbia and Syracuse universities.

"The signing of this bill extends our commitment to high technology into the next millennium."

The loans are funded by bonds issued by the State Urban Development Corporation.

Hospital Has Largest Computer Network

The New York Hospital in New York City is installing a special computer cable system called a local area network (LAN) which will link computer terminals and data bases throughout the medical center and lead to more efficient and cost-effective use of computer capabilities.

The network is being installed in the 27-story, 1.2 million-square foot facility by Sytek, a maker of local area networks headquartered in Mountain View, Calif.

The installation in The New York Hospital will be the largest broadband network in any U.S. hospital by number of devices connected. It will initially connect five mainframe and minicomputers, 45 asynchronous terminals and printers, 45 IBM Personal Computers, and 64 IBM 3278-type terminals equipped with light pens for ease of information retrieval. It is anticipated that the network will expand significantly over the next two years and encompass every major hospital department, nursing units and all ambulatory care areas.

Sports School Attracts 1,000 Participants

By MARC LACEY

Cornell's sports school makes a bold assertion to all its young participants: "You will receive the same expert instruction and coaching that every varsity athlete receives at Cornell."

And the program, now in its seventh summer, follows through year after year.

A look at the instructors leading the week-long sports sessions reads like a list of top Big Red coaches: Richie Moran for lacrosse, Andy Noel for wrestling, Mike Dement for men's basketball, and Linda Lerch for women's basketball. In fact, each athletic program is directed by a Cornell varsity coach.

The variety of sports offered — everything from the most-popular tennis instruction to polo and wilderness canoeing — parallels Cornell's massive intercollegiate and intramural programs. During the academic year, Cornell supports one of the largest programs of varsity sports in the country and is a member of the Ivy League, the ECAC, the NCAA, and the AIAW. Its intramural program is without equal.

The 1,000 teen-age participants in this summer's sports program get full use of Cornell's athletic and recreational facilities — the two, competition-sized indoor pools, and playing fields, indoor and outdoor tennis courts, and gymnasiums.

"It's a challenge to make this camp better each year," says Pete Mariano, director of the program and the athletic department's ticket manager. Since the program started, Mariano said, additional sports have been added and the level of competition has increased.

The program is popular among Cornell alumni, whose offspring often see the university for the first time through the sports school. "Alumni love it," Mariano said.

This year, the school drew young athletes from Germany, Italy, France, and all across the United States.

Participants in the program said they were very pleased with Cornell's athletic facilities, the expert instruction they are receiving, and the many activities planned for them during their week-long sessions.

Howard J. Tong, a 15-year-old high school junior from Suffern, N.Y., says he considers the sports program a combination between a summer camp and a training program for serious athletes.

Eric M. Weissman, a 14-year-old from Miami, Fla., in the baseball program, said, "I am a serious athlete, but I would also like to have a good time here."

Kathy Jacobson, 13, says she was referred to the sports school by her swimming coach at Ithaca High School. Jacobson enrolled in the program to refine her swimming skills this summer for competition in the fall.

Both types of participants — those planning to continue their athletic training and those here solely for fun — benefit from the program, Mariano said.

Participants in the program either commute from home or live in West Campus' Sperry Hall.

Courtney F. Connell, a 14-year-old from Philadelphia, says living in the dormitories is the best part of the program. "The counselors in the dorm are students," Connell said, "so when you do something wrong they're (understanding) because it wasn't so long ago when they did the same thing."

Big Red athletes wear two hats — they are counselors in the residence halls and assistants on the playing fields.

Connell, who participated in the sports school last year, is spending a total of three weeks in the tennis and sailing programs this summer. "I've been to a couple of sports camps and this is the best one."

"You're tired at the end of the day," Connell said, adding, "but you're supposed to be tired in sports camp."

Marc Lacey is editor of the Cornell Daily Sun.

Summer Events to Wrap Up

A lunchtime lecture and an outdoor concert wrap up this summer's activities sponsored by Cornell University Summer Session. The two events are free and open to the public.

At noon today, the sandwich seminar topic will be "Harmony by Withdrawal: The Communal Experience in America," presented by Glenn Altschuler, assistant dean of the College of Arts and Sciences and adjunct professor of history. The lecture, which will take place in 213 Ives Hall, will examine the communal impulse as central to American values and as a principal strategy in achieving both personal fulfillment and social reform.

Tonight, Odum Conroy and Friends will perform country music on the Arts Quad. In case of rain the 7 p.m. concert will be held in Kaufmann Auditorium of Goldwin Smith Hall.

Performances by the Obbligato Opera, formerly the Cornell Chamber Opera Ensemble, originally scheduled for Aug. 7 and 8, have been canceled.