

Cornell Chronicle

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Networking

This issue of Chronicle contains a four-page pullout section of Networking, publication by and for employees.

Beebe Lake Dredging Under Way

Good weather permitting, the Beebe Lake dredging project that began this week will be completed in mid-October.

It's the first step in a multi-million dollar project to restore the lake and its shoreline, creating a managed recreational area. The final phase of the project includes establishment of a major new gateway to the campus.

That plan, contingent on the university's ability to raise the necessary funds, includes construction of a combined central admissions and alumni center on the northwest shore of Beebe Lake. A group of alumni and friends that is maintaining anonymity, has provided \$500,000 for the restoration and beautification phase of the project, one that has been on the drawing board for several years.

Crews from F.L.C. Contractors Inc. of Ithaca started the clearing and grubbing process this week, after establishing an access road to the lake, where islands and sandbars have built up in the last five years.

A gravel dike has been created on the southeast shore of the lake, and a causeway established to allow crews to transport silt from the islands and sandbars to sections of the shoreline that will be improved to reduce erosion and for trails.

It's estimated that 50,000 cubic yards of silt will have to be removed to bring the lake to a minimum four-foot depth. That much sediment is enough to cover Schoellkopf Field with 25 feet of silt.

The project will create some discoloration in the water downstream in Fall Creek, but no more than during a rainstorm, according to Phil Cox, chief of maintenance management at Cornell.



From the north shore of a largely drained Beebe Lake, a small bulldozer can be seen working to move earth near an island area in the lake. Bradfield Hall rises in the background.

Research Initiative Funds Cornell Studies

Studies in biotechnology, structural engineering, and neurobiology have been selected for funding at Cornell through the Department of Defense's new University Research Initiative.

The three multi-year research efforts at Cornell are among 86 at 70 institutions that will receive a total of about \$110 million.

Announcing the winners of a technical competition that drew nearly 1,000 proposals, Secretary of Defense Caspar Weinberger cited the interdisciplinary nature of most research programs. A team approach to research, with cross-fertilization among disci-

plines, will stimulate growth of newly emerging technologies while smoothing the transition of scientific discoveries to practical application in defense systems and commercial spinoffs, the secretary said.

Amounts of funding from the DOD program will not be determined until contracts have been negotiated, according to Beulah C. Miller, acting director of Cornell's Office of Sponsored Programs.

University Research Initiative designations to Cornell include establishment by the Army Research Office of a Center of Excellence in Biotechnology with Gordon G. Hammes, director of the Cornell Biotechno-

logy Program, as principal investigator; funding by the Air Force Office of Scientific Research for studies of lightweight space structures with Francis C. Moon, chairman of the Department of Theoretical and Applied Mechanics, as principal investigator; and establishment by the Air Force science office of a Center for the Study of Rhythmic Processes. Avis H. Cohen, senior research associate in Cornell's Section of Neurobiology and Behavior, is a co-principal investigator in that center, which will conduct research here and at Boston, Brandeis, and Northeastern universities and the University of Pittsburgh.

Computer Research Gets \$3.6 Million

Cornell's Department of Computer Science will use a \$3.6 million grant from the National Science Foundation to upgrade and operate the department's computing facility for its growing faculty and research staff.

The five-year federal grant is the largest among \$15 million in grants made to five universities under the NSF's Coordinated Experimental Research Program. It follows a 1980 grant of \$2.6 million from the NSF, which helped establish the department's computing facility.

"The quality of education and research in computer science will be advanced considerably by these grants," according to Vincent Gibbons, associate chairman of Cornell's computer science department. "Support for experimental computer research will have a beneficial impact on the young industry of computing and, ultimately, on the nation."

Researchers using the Cornell computer science facilities are working in a variety of areas. These include computer-aided design for VLSI (very large scale integrated) circuits, programming environments, proof-generating systems for formal mathematics, and physical representation and reasoning systems for robotics and solid modeling.

The NSF grant will be used to upgrade, operate, and maintain the department's central computing facility, which has six mainframe computers and about 100 work stations and microcomputers. The university is expected to provide more than \$1 million in staff salaries, site preparation, and overhead during the life of the grant.

Cornell's computer science department was ranked fifth in the nation in 1980 (the most recent ranking) for its research and Ph.D. education by the National Research Council. Since then, it has increased from 15 to 23 faculty members and expects to be expanded to about 30, according to David Gries, department chairman.

Taking the Shake Out of Orbiting Space Stations

By ROGER SEGELKEN

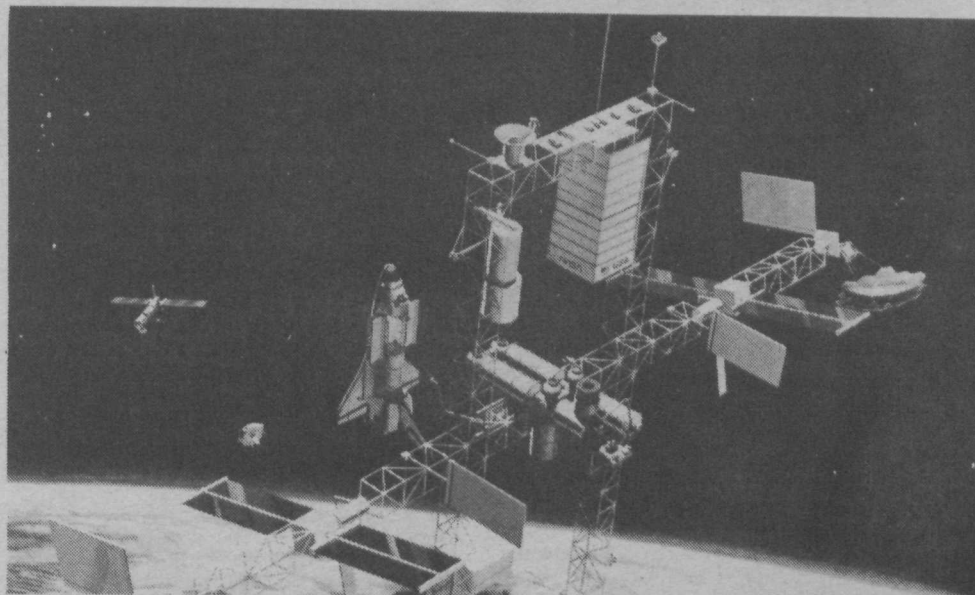
Reducing vibrations in huge orbiting space structures is the goal of a team of Cornell engineers.

Cornell specialists in chaotic vibrations, structural engineering, and control strategies have been designated by the Department of Defense University Research Initiative to design automatic systems that would prevent space structures as large as half a mile across from shaking to pieces.

The team is led by Francis C. Moon, professor and chairman of the Department of Theoretical and Applied Mechanics; Peter Gergely, professor and chairman of the Department of Structural Engineering; and James S. Thorp, professor of electrical engineering.

Imagine the effect of a nudge from a space shuttle as it docks at an orbiting space station, Thorp suggests. Even the impact of an astronaut's toolbox could send destructive vibrations rattling through the space structure.

Continued on Page 7



Cornell engineers will try to control destructive vibrations in orbiting space structures such as this station proposed by NASA.

Lamprey Studies Aimed at Human Spinal Therapy

By ROGER SEGELKEN

Studies by Cornell biologists of the most primitive living vertebrate — the lamprey — may lead to a treatment for disabling spinal cord injuries in the most advanced animal with a backbone — the human.

If researchers can learn how the lamprey recovers from breaks in its own spinal cord, their findings could point toward a combination drug-therapy and physical-therapy method for restoring function to paralyzed human muscles.

The Cornell experiments are part of a Northeastern University program designated for funding by Air Force Office of Scientific Research. Also participating in the research program, which would establish a Center for the Study of Rhythmic Processes, are scientists at Boston and Brandeis universities and the University of Pittsburgh.

The lamprey, an unpopular fish that resembles (but is not) an eel, is familiar to sportsmen who sometimes find the ugly creature attached to and sucking blood from their favorite catch.

Aesthetics aside, the lamprey is a particularly useful laboratory model for tracing nervous system signals between the brain and

the muscles, according to Avis H. Cohen, senior research associate in Cornell's Section of Neurobiology and Behavior.

Even when removed from the lamprey's body and brain, the spinal cord conducts for hours the electrical and chemical signals that would — if it still had a body — produce the traveling wave of its eel-like swimming motion.

"The lamprey is the only vertebrate that can regenerate its severed spinal cord after an injury," notes Cohen, leader of the Cornell portion of the project. When the bundle of nerves in a lamprey's backbone is cut, it is at first paralyzed, but soon repairs the damage and resumes swimming.

No one expects total regeneration of the much more complex human spinal cord, but the Cornell scientists think they can do the next best thing by restoring function to parts of the body, such as the legs, that have lost nerve contact with the brain. They have succeeded in partially restoring function to severed lamprey spinal cords by applying chemicals similar to those normally produced by the lamprey's brain.

"Function is not perfect, and is considerably less than it was, but it is possible to re-

store function if you help," Cohen says.

That help for humans could take the form of periodic and probably self-administered drug injections below the point of damage to the spinal cord. The drug would replace chemical signals the brain can no longer transmit, and would stimulate the cord to activate muscles as the patient tries to regain function with physical therapy.

Partial regeneration of some spinal cord nerves may be possible, Cohen says. Before that is tried on humans, however, scientists want to know the importance of "specificity of reconnection," whether each and every nerve must go back together the way it was. Blindly reconnecting a telephone system's trunk line would result in a lot of wrong numbers. If specificity of reconnection is crucial, Cohen notes, attempts at regeneration could actually worsen a patient's condition.

"If specificity of reconnection is not crucial, even minimal regeneration could be enough to help restore function," the Cornell researcher says.

Combined with drug and physical therapy, such treatment would be a valuable lesson learned from a nasty fish.

Concerts, Lectures, Performances Continue on Campus to Aug. 8

The summer series of concerts, lectures, and performances will continue on campus through Aug. 8. Events listed below are free and open to the public, sponsored by Cornell University Summer Session.

Today, at this week's lunch-time lecture, Larry I. Palmer, professor of law, will address "The Search for Caring and Justice: The Social Functions of Law and Medicine," at noon in 213 Ives Hall. Palmer will discuss his position that "ethical issues should be examined within a larger social context, especially since medicine, like law, is an institution in our society."

According to Palmer, "Our unease about modern medicine results from a lack of moral consensus about medicine's purpose." Palmer is currently working on a book about the social functions of law and medicine.

Tonight's concert on the Arts Quad features Bernie Milton and the Soul Patrol. In case of rain, the 7 p.m. show will move indoors to Kaufmann Auditorium of Goldwin Smith Hall.

Tomorrow, July 25, the Drum and Spirit of Africa Society, Sabar Ak Ru Afriq, will perform traditional song, dance and storytelling in Willard Straight Hall theatre at 8:15 p.m. The performance is sponsored in part by the Africana Studies and Research Center and Willard Straight Hall.

On Sunday, July 27, composer David Borden will provide live electronic music for two silent films, "It" with Clara Bow and "Saturday Afternoon" with Harry Langdon, which will be presented in the courtyard of Anabel Taylor Hall at 9 p.m. In case of rain the movies will be shown in Anabel Taylor Hall auditorium.

Two classical music concerts will conclude the Cornell Summer Concert Series. On Monday, July 28, "Baroque Music for Two" will be presented by Susan Sandman, recorder, and Sandra Mangsen, harpsichord. Their program includes two sonatas in C major by George Philip Telemann, "Sonata IV" by Elizabeth-Claude Jacquet de la Guerre, "Troisième Concert" from "Concerts Royaux" by Françoise Couperin, "Toccata in D minor" by Johann Sebastian

Bach, and "Sonata in F major" by George Frederic Handel.

On Monday, August 4, pianist George Barth will perform Edward MacDowell's "Woodland Sketches, Op. 51;" Bela Bartok's "Improvisations on Hungarian Peasant Songs, Op. 20" and "Ballad," from "Fifteen Hungarian Peasant Songs;" and three selections by Frederic Chopin — "Polonaise-Fantaisie in A-Flat Major, Op. 61," "Two Mazurkas," and "Barcarolle in F-Sharp Major, Op. 60."

Both classical concerts begin at 8:15 p.m. in the Alice Statler auditorium.

A variety of concerts continue on the Arts Quad at 7 p.m. every Tuesday and Thursday. The country-western band Southern Tears will perform July 29; Peggy Haine and the Lowdown Alligator Jass Band will present "Wild Women Don't Worry" on July 31; The Dady Brothers will play Irish and American folk music on August 5; and country musicians Odum Conroy and Friends will appear on Aug. 7. In case of rain, concerts

move indoors to Kaufmann Auditorium in Goldwin Smith Hall.

Author and astronomer Carl Sagan will explore the "Year of the Comet" in this week's lecture at 8:15 p.m. Wednesday, July 30, in Alice Statler auditorium. Sagan, well known as the host of the PBS television series Cosmos, is the director of Cornell's laboratory of planetary studies.

To wrap up the Cornell Summer Lecture Series, stars of a different kind will be the subject of "Sophie Tucker, Ethel Waters, Mae West: Climbing Out of Vaudeville." Peggy Haine and the Lowdown Alligator Jass Band will present a combined lecture and performance at 8:15 p.m. Wednesday, Aug. 6, also in Statler auditorium.

The weekly Sandwich Seminars continue at noon in 213 Ives Hall. Philip Lempert, M.D., an ophthalmologist who is also a lecturer in applied engineering and physics, will speak about "Laser Technology in Medicine" on July 31. The lecture will examine the history of lasers in medicine and the present and potential aspects of these instruments for medical care.

One week later, on Aug. 7, Glenn Altschuler, assistant dean of the College of Arts and Sciences and an adjunct professor of history, will offer the perspective "Harmony by Withdrawal: The Communal Experience in America."

The Great Books Seminars continue at noon Tuesdays through Aug. 5, in a new room location, 335 Baker Hall. The last campus garden tour this summer will take place at noon Wednesday, July 30, with a visit to the A.D. White House Garden. Tours of Uris Library, beginning at 4 p.m., and walking tours of campus architecture, beginning at 6:30 p.m., will take place Mondays, July 28 and August 4.

A copy of the calendar of events may be obtained from the Summer Session office at B12 Ives Hall, 255-4987.



Sabar Ak Ru Afriq will perform Friday night in the Willard Straight Hall Theatre.

African Songs, Dances Featured

Sabar Ak Ru Afriq, the Drum and Spirit of Africa Society, will present a "concert-party" — including song, dance, and storytelling — at 8:15 p.m. Friday, July 25, in Willard Straight Hall Theatre. The performance, free and open to the public, is sponsored by Cornell University Summer Session, and in part by Cornell's Africana Studies and Research Center and Willard Straight Hall.

The group, which is based in New York City, was formed in 1980 by Obara Wali Rahman to retain and popularize old-world African folklore and contemporary African-American culture. The "concert-party" is a popular form of West African entertainment, characterized by earthly dances and a lively atmosphere, which is unfamiliar to many European and American audiences.

The Cornell performance will consist of two pieces, "Welcome to the Dancing Circle" and "The Wolloff Drums of S.A.R.A." Both are based on traditional stories, drumming, and dancing from the Senegambia region of West Africa.

"Welcome to the Dancing Circle" tells a story in the traditional Seruba style. When drums are heard, all people gather in the center of the village, called the Bantaba, to sing and dance in a circle. One by one or in pairs they come into the circle to dance, listening for the sounds of the drum that will tell them when to start and stop dancing.

"The Wolloff Drums of S.A.R.A." is a dance performed as a tribute to the Wolloff people of the Senegambia. It presents the

mythical village of Sara, where the drummers gather to celebrate the brotherhood of skillful work with music that entices the entire village to dance.

Sagan to Talk on 'Year of the Comet'

Astronomer Carl Sagan will speak on "The Year of the Comet" at 8:15 p.m. Wednesday, July 30, in Alice Statler Auditorium at Cornell University. The lecture, free and open to the public, is sponsored by Cornell University Summer Session.

Sagan is the Director of Cornell's Laboratory of Planetary Studies and is the David Duncan Professor of Astronomy and Space Sciences at Cornell.

His award-winning television series, "Cosmos," was one of the most widely watched series in the history of American public television. Sagan also has published more than 600 scientific papers and popular articles and has received numerous medals and awards.

He received the NASA Medal for Exceptional Scientific Achievement for his role in the Mariner, Viking, and Voyager expeditions to the planets. Also, NASA has honored Sagan twice with the Medal for Distinguished Public Service.

In 1985, Sagan received the Honda Prize in recognition of his contributions to the development of human technology. The prize is awarded annually to an individual or organization that promotes harmony between technology and human activity.

Sagan's scientific research has enhanced understanding of the greenhouse effect on Venus, dust storms on Mars, the organic haze on Titan, the origin of life, and the search for life elsewhere. In recent years, Sagan and his colleagues have been engaged in research on the long-term consequences of nuclear war, particularly the theory that a nuclear exchange would lead to a global climatic catastrophe called a nuclear winter.

He is the author, co-author, or editor of more than 20 books, including "Broca's Brain," "Comet," "Contact," and "The Dragons of Eden," for which he was awarded the Pulitzer Prize in 1977.

Jazz/Blues Topic of Lecture-Performance

Peggy Haine and the Lowdown Alligator Jass Band will present a lecture-performance, "Sophie Tucker, Ethel Waters, Mae West: Climbing Out of Vaudeville," at 8:15 p.m. Wednesday, Aug. 6, in Alice Statler Auditorium. The event, free and open to the public, is sponsored by Cornell University Summer Session.

The presentation will compare the lives, performance styles, and careers of Sophie Tucker, Ethel Waters, and Mae West, who were active in vaudeville and touring shows in the 1920s. Haine and her traditional jazz band will combine musical performance with a lecture and visual illustrations to present the history behind the music.

Tucker, Waters, and West participated in the early days of classic blues-style music and later made a successful transition to jazz performance. According to Haine, the three women attended each other's performances, borrowed material freely from one another, used the same Tin Pan Alley songwriters, and made not-too-complimentary references to each other in their acts.

Haine will discuss her research into the cultural history of the era. Her lecture will include early jazz recordings and a slide show comprised of early, unpublished photographs obtained from the Library of Performing Arts at New York City's Lincoln Center.



George Barth, pianist, will perform at 8:15 p.m. Aug. 4 in Alice Statler Auditorium.

British Farce on Stage July 31, Aug. 1

"Ten Times Table" by Alan Ayckbourn will be presented July 31 and Aug. 1 in Anabel Taylor Hall auditorium at Cornell. The 8:15 p.m. performances, by the State University of New York College at Cortland Summer Theatre, free and open to the public, are sponsored by Cornell University Summer Session.

"Ten Times Table" is a farce by Alan Ayckbourn, Britain's popular comic playwright. The play is set in a small English town that decides to stage a summer historical pageant in the town square. Through a series of committee meetings, the pageant develops, grows out of hand, and, finally, provides the ground for a socio-political bat-

tlefield. The play's eccentric but all-too-recognizable characters turn a pleasant summer entertainment into a battle of wits between conservatives and radicals.

Ayckbourn is the author of "Bedroom Farce," "How the Other Half Loves," "The Norman Conquests," "Absurd Person Singular," and other comedies. Often cited as the "British Neil Simon," Ayckbourn delves into both the serious and the comic side of middle-class behavior.

The SUNY Cortland production features a cast of college faculty, students, and members of the community directed by Thomas Hirschak, chairman of the school's theater department.

Cornell Chronicle

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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.



The Dady Brothers will perform at 7 p.m. Aug. 5 on the Arts Quad

Cornell's Summer College Has a Global Perspective

By MARC LACEY

What do you get when you bring 800 high school students from all over the planet to Cornell, allow them to choose from the more than 120 courses offered during the university's summer session, and house them in residence halls on West Campus?

Many might say you get "chaos," but not Peggy Haine. To the director of the Cornell Summer College, that combination of ingredients leads to a dynamic learning environment and "one of the best college preparatory programs in the nation."

The main goal of the summer college is to expose high school students to college life before they go through the application process during their senior year. Although participants in the program are only 16 or 17 years old and must follow a strict code of conduct throughout the six-week program, their experiences still closely parallel those of typical Cornell freshmen.

"They really find out what college is all about," said Haine, who is in her third summer as director. "It's sink or swim."

The popularity of Cornell's Summer College is evident both in this year's 22 percent rise in applications, including some from as far away as Asia and Africa, and in the enthusiasm expressed by current program participants. Participants in this year's program come from 42 states and 34 countries.

"I didn't think the people would be so friendly. The RA's (resident advisers) are really nice," said Adam A. Gabiam, a high school senior from Lome, Togo in West Africa.

Loan for Supercomputer Among Items Awaiting Cuomo Signing

A \$5 million loan to Cornell's national supercomputing center and funding for a program to help small businesses become energy efficient are among the items approved by the New York State Legislature and awaiting Gov. Mario M. Cuomo's signature.

"We expect the governor to sign the bills passed by the Senate and the Assembly," said John F. Burness, vice president for university relations at Cornell. "A veto of any of these measures is pretty unlikely."

Cuomo already has signed legislation increasing state funding for student financial aid. The action provides an increase from \$2,700 to \$2,850 in the maximum award to dependent undergraduates in the state's Tuition Assistance Program, and a doubling of the maximum award to graduate students from \$600 to \$1,200.

In 1985-86 at Cornell, about 2,900 undergraduates received a total of \$4.8 million and 270 graduate and professional students received \$126,000 in TAP grants, according to Donald Saleh, director of financial aid.

The Senate and Assembly are in recess and are not expected to reconvene to act on routine items.

In summary, the items awaiting Cuomo's signature provide:

— A \$5 million, no-interest loan for 20 to 40 years to construct a facility to house Cornell's national supercomputing center. This is in addition to the \$5 million grant provided in the state budget.

— A three-year grant for about \$5 million, expected to go to Cornell Cooperative Extension and the agricultural engineering department, to continue a program that helps small businesses, nonprofit organizations, farms, and agricultural processing industries become energy efficient through changes in lighting, heating, refrigeration, and other energy uses.

— Authorization to continue the state's Centers for Advanced Technology Program, which helps support biotechnology research at Cornell. The original four-year program expires at the end of the 1986-87 year. This year's state budget includes \$1 million for the New York State Center for Advanced Technology for Biotechnology (Agriculture) at Cornell.

Day Care Proposal Wins Award

Four Cornell students have won a \$5,000 cash prize for a proposal to develop and incorporate a chain of child day care services that would be made available at an employer's work site.

The prize, to be shared equally by the winners, is the first Hemmeter Prize in Entrepreneurship to be offered by Cornell's Johnson Graduate School of Management.

The annual prize was initiated with funds from an endowment provided by Christopher B. Hemmeter, a 1962 graduate of Cornell and senior partner in the Hemmeter Investment Company in Honolulu.

This year's winners are Stephen Amador of Wantagh, N.Y.; David Stuart Atwater of Kettering, Ohio; Jeff G. Jockisch of Omaha, Neb.; and Michele V. McKeown of Chelms-

Juan Orvananos from Mexico City said, "It's going to mean a lot for the rest of my life to study here this summer." His brother, Jorge, attended the program last year and is planning to attend Cornell this fall.

Haine said much of the participants' learning actually takes place outside of the classroom. "I would say that half of what they learn they learn from other students."

Orvananos said he has already learned much about customs in the United States and other countries. "I have learned that there are a lot of different attitudes in the world, very many ways of thinking," he said.

One doesn't have to be from another country to learn from the other participants. "I've learned about Greece and Switzerland this summer," said David Max from Brookline, MA.

Haine said students also come from a variety of socioeconomic backgrounds, with a small number of them on Summer College scholarships.

For example, Jerome H. Holland scholarships are offered for ten minority students and Jerry M. Rivers awards go to two Native American students.

This year, Haine said, the calibre of students applying for these awards was so high that enough money was raised for 14 Holland scholarships and four Rivers scholars. Funds also were contributed by alumni and the Office of the Provost at Cornell. In two cases, high school teachers and counselors raised money to send two students to Cornell's Summer College.

Another bill awaiting Cuomo's signature provides an exemption from the use taxes for property donated to tax-exempt organizations. The measure is designed to increase the incentive for corporations to donate equipment to colleges and universities, Burness said.

A half-dozen bills that would have affected Cornell passed only one house and are expected to die without further action during the current session, said Stephen Philip Johnson, director of government affairs.

Trades Union, Cornell Sign 3-Year Pact

Carpenters, painters, plumbers, electricians, and other members of the Building Trades Council and Cornell University have reached agreement on a new contract. The three-year pact was announced jointly by Lee M. Snyder, director of University Personnel Services, and Art Baker, president of the local Building Trades Council.

The membership voted on the contract on July 15. Also included in the 125-member bargaining unit are sheet metal workers, masons, and air conditioning and refrigeration workers. The most recent contract, which was extended 10 days during negotiations, expired at midnight July 15.

Baker said he was pleased the new contract had been ratified and that he looked forward to "a continuing positive relationship with the university." The council and Cornell have negotiated contracts since 1969.

Neither side would release details of the contract; in accordance with the new contract, though, wage discussions will be reopened next spring for the second and third years of the agreement.

This is the fourth bargaining unit contract negotiated at the university during the past 12 months.

ford, Mass.

Amador earned an MBA degree from the Johnson School in June; he also earned a B.S. degree (1984) and a master's degree in engineering (1985) at Cornell. Atwater, a June graduate of the College of Engineering, was awarded a B.S. in operations research and industrial engineering. Jockisch received a B.S. from the New York State School of Industrial and Labor Relations at Cornell. McKeown is a graduate student in Cornell's School of Hotel Administration.

The competition was conducted among students in a course taught by David J. Bendaniel, the Don and Margi Berens Professor of Entrepreneurship in Cornell's Johnson Graduate School of Management.

The high school students enroll in one of 11 academic programs, such as the one in humanities and sciences, or explorations in biology and the health professions, architecture, law, engineering, or college study skills.

All the participants live together in four dorms with Cornell upperclassmen who serve as resident advisers. In the classroom, though, the students mix in with the thousands of other participants in the summer session — Cornell undergraduates and others.

Why do these students forego a summer of

relaxation at home to study at Cornell? Some say they are doing it to prepare for college academically or to bolster their credentials when they begin applying to colleges later this year.

But other participants said they came for the fun, too. Students take advantage of the university's wide range of recreational, social, athletic, and educational activities. Frequent field trips and programs are scheduled for the students.

Marc Lacey is editor of the Cornell Daily Sun.



The group of second and third graders in the Cornell Adult University Youth College is called Cornell 101, and is engaged here with instructor Maria O'Brien in a project in natural science and ecology.



Another, younger group is made up of 3-5-year-olds and is called the Li'l Bears, shown here exploring growing things with counselor Maureen Reedy at the group's meeting place in the daycare center of Robert Purcell Union.

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 Appgar, 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

Bound For Glory, Summer '86

Live Broadcasts from the Commons Coffeehouse, Anabel Taylor Hall, on July 27 featuring Aileen and Elkin Thomas, a country-folk duo. Sunday nights from 8 to 11 p.m. on FM93. Admission is free.

On August 3, the Commons Coffeehouse will host Colorblind James and the Death Valley Boys. Garden Tour

A tour of the A. D. White House Garden will be given Wednesday, July 30, at noon by Robert G. Mower, professor of floriculture and ornamental horticulture.

Museum Sale

A wide variety of objects from all areas of the museum's collection 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.

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. Call Nigel Quinn, vice president for 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.

Spacecraft Planetary Imaging Facility Open House

There will be an Open House in the Spacecraft Planetary Imaging Facility (317 Space Sciences Building) on Saturday, July 26, from 10 a.m. to 3 p.m. On display will be images of Mars returned by the Viking spacecraft including stereo pairs; Mars maps and mosaics and also models of spacecraft, planets and satellites. Slides will be shown and there will be a computer image processing display. Also featured will be a continuous showing of "Mars in 3-D" film. 3-D glasses will be provided. All events are free and open to the public. Please call 255-3833 for further information.

Dance

Turkish Music and Dance Workshop

The Cornell Folkdancers will sponsor a workshop of Turkish music and dance Saturday, August 2, in the Auditorium of Martha Van Rensselaer Hall. The workshop is taught by Ercument Kilic and has two sessions: a dance workshop, taught from 3 to 5 p.m., and a party from 7:30 p.m. to midnight. The party will include a dance demonstration and music played on Turkish instruments. Admission is \$4 per session or \$7 for the day. Overnight accommodations available. For information call (607) 257-3156.

Exhibits

Johnson Museum of Art

"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 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 100 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 examples are on loan from Mary Palmer Rockwell, benefactor of the museum's Asian collection.

"Select Examples of Glass by Louis Comfort Tiffany" will be shown through Aug. 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 form Edythe de Lorenzi, consists of vases, perfume bottle, finger bowl, footed compote, and pitcher of gold and green iridescent glass.

"Articipation at the Museum," Saturday, July 26, from 10:30 a.m. to noon at the museum, offers a look into the exciting art of felting, a process of forming nonwoven, mated fabric of wool fibers. Participants will have the opportunity to create soft sculptural forms. Joan Johnston and the museum's education staff will lead the demonstration and instruction of this fascinating fiber technique. The free activity is open to all ages; children must be accompanied by an adult. Come try your talents at this unusual fiber art; bring your family and friends.

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

July 24, 8 p.m. *Uris Hall Auditorium. "Anou Banou" (1982), directed by Edna Politi. Shown with "Noa at 17" (1981), directed by Yirzhak Yeshuran. Open.

Friday

July 25, 7:30 p.m. *Statler Auditorium. "Prizzi's Honor" (1985), directed by John Huston, with Jack Nicholson, Kathleen Turner and Anjelica Huston. Limited.

July 25, 8 p.m. *Uris Hall Auditorium. "Paris, Texas" (1984), directed by Wim Wenders, with Nastassja Kinski, Harry Dean Stanton. Limited.

July 25, 10:30 p.m. *Statler Auditorium. "Animal House" (1978), directed by John Landis, with John Belushi, Donald Sutherland. Limited.

Saturday

July 26, 7:30 p.m. *Statler Auditorium. "Animal House" (1978).

July 26, 8 p.m. *Uris Hall Auditorium. "Picnic at Hanging Rock" (1975), directed by Peter Weir, with Rachel Roberts, Anne Lambert, Dominic Guard. Limited.

July 26, 10 p.m. *Statler Auditorium. "Prizzi's Honor" (1985).

Sunday

July 27, 7 p.m. *Uris Hall Auditorium. "Eating Raoul" (1982), directed by Paul Bartel, with Paul Bartel, Mary Woronov and Buck Henry. Limited.

July 27, 9 p.m. *Anabel Taylor Courtyard. Silent movies, "It" (1927), directed by Clarence Badger, with Clara Bow. Shown with "Saturday Afternoon" directed by Harry Edwards, with Harry Langdon. Free admission. Open. Rain location: Anabel Taylor Hall Auditorium. Sponsored by Summer Session.

Monday

July 28, 8 p.m. *Uris Hall Auditorium. "Le Grande Meaulnes (The Wanderer)" (1967), directed by Jean Gabriel Albicocco, with Brigitte Fossey and Juliette Villard. Open.

Tuesday

July 29, 8 p.m. *Uris Hall Auditorium. "The Long Goodbye" (1973), directed by Robert Altman, with Elliot Gould and Sterling Hayden. Limited.

Wednesday

July 30, 8 p.m. *Uris Hall Auditorium. "The Girl Can't Help It" (1956), directed by Frank Tashlin, with Jayne Mansfield, Tom Ewell, Fats Domino, Little Richard. Open.

Thursday

July 31, 8 p.m. *Uris Hall Auditorium. "The Conformist" (1970), directed by Bernardo Bertolucci, with Jean-Louise Trintignant and Stefanie Sandrelli. Limited.

Friday

August 1, 7:30 p.m. *Statler Auditorium. "Rear Window" (1954), directed by Alfred Hitchcock, with James Stewart and Grace Kelly. Limited.

August 1, 8 p.m. *Uris Hall Auditorium. "Night of the Shooting Stars" (1983), directed by Paolo and Vittorio Taviani, with Omero Antonutti. Limited.

August 1, 10:15 p.m. *Statler Auditorium. "The Blues Brothers" (1980), directed by John Landis, with John Belushi and Dan Ackroyd. Limited.

Saturday

August 2, 7:15 p.m. *Statler Auditorium. "The Blues Brothers" (1980).

August 2, 8 p.m. *Uris Hall Auditorium. "Entre Nous" (1984), directed by Diane Kurys, with Miou Miou, Isabelle Huppert and Guy Marchand. Limited.

August 2, 10:15 p.m. *Statler Auditorium. "Rear Window" (1954).

Sunday

August 3, 8 p.m. *Uris Hall Auditorium. "The World According to Garp" (1985), directed by George Roy Hill, with Robin Williams, Mary Beth Hurt and Glenn Close.

Monday

August 4, 8 p.m. *Anabel Taylor Auditorium. "Juliet of the Spirits" (1965), directed by Federico Fellini, with Giusetta Massina and Sandra Milo. Admission \$2.00. Open.

Tuesday

August 5, 8 p.m. *Anabel Taylor Auditorium. "The Informer" (1935), directed by John Ford, with Victor McLaglen, Preston Foster and Wallace Ford. Admission \$2.00. Open.

July					1986	
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20	21	22	23	24	25	26
27	28	29	30	31		

Wednesday

August 6, 8 p.m. *Anabel Taylor Auditorium. "All That Jazz" (1979), directed by Bob Fosse, with Roy Scheider. Admission \$2.00. Limited.

Thursday

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

Lectures

"Future exploration of Mars" will be an illustrated lecture given by Fred Jaquin, a specialist in planetary meteorology, Friday, July 25 at 7:30 p.m. in Hollis E. Cornell auditorium, Goldwin Smith Hall. This is a part of the 10th anniversary celebrations of the Viking spacecraft missions to Mars. Sponsored by the Spacecraft Planetary Imaging Facility (SPIF).

Music

The country-western band Southern Tears will perform a free concert Thursday, July 29 at 7 p.m. on the Arts Quad. Sponsored by Summer Session. Rain location: Kaufmann Auditorium, Goldwin Smith Hall.

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.

Christian Science

Every Thurs., 7 p.m. Anabel Taylor Founders Room. From June 5-Aug. 7.

Episcopal (Anglican)

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

Every Sunday, 10:30 a.m. Multi-Purpose Room, Robert Purcell Union.

Worship Service.

Every Wednesday, 7:30-8:30 p.m. G-03 Founders Hall. Discussion group—fellowship.

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

Korean Church

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

Muslim

Sunday-Thursday, 1 p.m. 218 Anabel Taylor Hall.

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

Theater

Alan Ayckbourn's "Ten Times Table" will be presented free of charge by the State University College—Cortland Summer Theatre on Thursday, July 31 and Friday, Aug. 1, at 8:15 p.m. in Anabel Taylor Hall auditorium. Sponsored by Summer Session.



Dessert Theatre at the Memorial Room of Willard Straight Hall at 8 p.m. today will feature the Paul Robeson Performing Arts Company of Syracuse, including Jacques Washington as "Mr. Paganini." The company will present a revue of numbers from its musical productions and cabarets. The performance is free. An assortment of desserts and beverages will be for sale.

Seminars

Boyce Thompson Institute: "Solute Relations and Tissue Growth," R. G. Wyn Jones, Biochemistry and Soil Science, University College of North Wales, Bangor, Wales, UK, 3:15 p.m. Wednesday, July 30, BTI Auditorium.

James A. Baker Institute: "Immunologic Studies in Spontaneously Diabetic BB—Wor Rats," Dr. Arthur Like, Department of Pathology, University of Massachusetts Medical School, 11 a.m. Monday, July 28.

Pharmacology: "The Use of a Mydriasis Model to Study —Adrenoreceptor Agonists and Antagonists," Dr. Walter H. Hsu, Pharmacology, Iowa State University, 4:30 p.m. Monday, July 28, D101L Schurman Hall.

Graduate Bulletin

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

September 27, 1986 is the deadline for submission of applications for the HARVARD UNIVERSITY SOCIETY OF FELLOWS JUNIOR FELLOWSHIP. The fellowship is awarded for three consecutive years at an early stage of the fellow's career in the amounts of \$14,500, \$15,000, and \$15,500, respectively, in any field. Eight Fellows are chosen each year. They are usually nominated by their graduate advisers who also present names of those who will give the candidates recommendations. Upon nomination the candidate submits a selection of written work and a statement describing the studies to be pursued. Each is interviewed before final selection is made.

Barton Blotter

Twenty thefts accounting for losses of \$2,364 in cash and valuables were reported on campus for the period July 1 through 16, according to the morning reports of the Department of Public Safety.

In addition to the thefts, other reports included one person referred to the Judicial Administrator for forgery, two persons charged with criminal trespass, and another charged with loitering in university-owned dormitories. Three persons were charged with providing alcohol to minors.

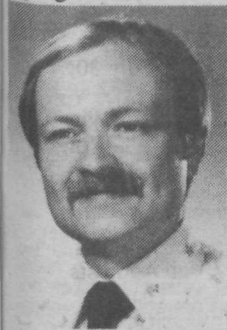
A total of \$252 in damages was reported to vending machines in Malott, McGraw, Tjaden, and East Sibley halls. A plate glass window valued at \$500 was broken at Noyes Center.

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

PEOPLE

Blandford Named Kellogg Fellow

David Blandford, a Cornell agricultural economist specializing in international agricultural trade and public policy, has received a \$75,000 fellowship to study feed and livestock trade between developed and developing countries.



As a member of the Kellogg Foundation International Fellowship Program in Food Systems, Blandford will visit more than a dozen countries, including Argentina, Australia, Brazil, Canada, the European community, Indonesia, Korea, Malaysia, the Philippines, and Thailand.

BLANDFORD

Blandford, associate professor of agricultural economics in the College of Agriculture and Life Sciences, is the only American chosen this year as a fellow for Kellogg's program. Most of the 31 other fellows were selected from developing nations in Latin America, Asia, and Africa.

Information gained from his study over the next three years will include an analysis of trade patterns of animal feed and livestock products in terms of supply, demand, and trade policy.

"The United States is a major exporter of livestock feed and has a substantial interest in future evolution of international markets," Blandford notes. "Improvements in our ability to identify factors essential for promotion of trade involving those products are of major interest to U.S. agriculture, and to the nation as a whole."

3 Named Department Chairmen

Appointments of department chairmen in the College of Human Ecology, the College of Veterinary Medicine, and the College of Arts and Sciences have been announced.

John L. Ford, a specialist in health-care services, has been appointed chairman of the Department of Human Service Studies in the College of Human Ecology for a five-year term, effective June 1. He succeeds Donald J. Barr, who will return to teaching and research.

Ford, who until recently served as chairman of the university's Biology and Society Program, is an associate professor of human service studies.

Among his areas of interest are public health, employee health benefits, and wel-

fare policy. He was recently appointed by Gov. Mario M. Cuomo to serve a three-year term on the New York State Hospital Review and Planning Council.

Robert H. Wasserman has been reappointed chairman of the Department of Physiology in the College of Veterinary Medicine and of the section of physiology in the Division of Biological Sciences at for a one-year term, effective June 1.

Wasserman, who also holds an appointment in the Division of Nutritional Sciences, has conducted research on the transfer of calcium across biological membranes, the mechanisms of vitamin D action on calcium, and phosphorous movement in the intestine. He also has investigated calcium and phosphorous metabolism in newborn animals.

Wasserman has been the recipient of Guggenheim fellowships at the University of Copenhagen and at the University of Leeds, London, and of the Mead Johnson Award of the American Institute of Nutrition, and is an elected member of the National Academy of Sciences. He is also the recipient of the Andre Lichtwitz prize from INSERM, Paris, France.

David K. Wyatt, professor of Southeast Asian history, has been reappointed chairman of the Department of History in the College of Arts and Sciences for a one-year term, effective July 1.

Wyatt has published several books on Southeast Asia, including Thailand: A Short History. He received a National Endowment for the Humanities senior fellowship in 1974-75, and a Guggenheim fellowship in 1983.

Before coming to Cornell as an associate professor of history in 1969, Wyatt taught at the University of London School of Oriental and African Studies, the University of Malaya, and the University of Michigan.

Clark Teaching Awards Go To 2

Two professors in the College of Arts and Sciences have won Clark Distinguished Teaching Awards for 1986.

Bruce Ganem, chemistry, and Walter I. Cohen, comparative literature, will receive \$3,000 cash awards each from an endowment established in 1966 by John M. Clark, a member of the Class of 1929, and Emily B. Clark, Class of 1930. The awards honor faculty who have demonstrated devotion to teaching, especially at the undergraduate level.

Lecturers and teaching assistants in the College of Arts and Sciences also receive Clark awards. The 1986 winners will be announced at a later date.

Ganem, a member of the Cornell faculty since 1974, is a specialist in several different areas of chemistry ranging from organic chemistry and natural products synthesis to organometallic chemistry, bioorganic chemistry, biochemistry, and immunology.

Cohen, member of the Cornell faculty since 1980, specializes in Renaissance drama, particularly the social history of medieval and Renaissance theater.

Religious Affairs Group Elects Cornell's Johnson

Robert L. Johnson Jr., director of Cornell United Religious Work, has been elected president of the Association for the Coordination of University Religious Affairs.

Johnson, who will serve a two-year term ending in March 1988, is an ordained minister in the United Methodist Church. He was an administrator with the National Institute for Campus Ministries for 10 years, serving as its president from 1980 until coming to Cornell in 1982.

Eudora Welty Receives National Arts Medal

Eudora Welty, an Andrew D. White Professor-at-Large at Cornell, received a National Medal of Arts from President Reagan July 14.

The Pulitzer Prize-winning author was one of the nine U.S. artists honored by the President during a White House ceremony.

The others were opera singer Marian Anderson, choreographer Agnes de Mille, actress Eva Le Gallienne, folklorist Alan Lomax, writer Lewis Mumford, film director Frank Capra, composer Aaron Copland, and painter Willem de Kooning.

Welty was featured in a segment of the NBC-TV news magazine "1986" Tuesday night.

Cornell Wins Eight National Awards in CASE Competition

Cornell has won eight awards in several areas ranging from newswriting to publications in the 1986 national competition sponsored by the Council for Advancement and Support of Education. More than 6,000 entries were judged in this year's competition.

Cornell University's Laboratory of Ornithology received two gold medal awards for its "Living Bird Quarterly" in two categories: top ten magazine and special audience periodicals. The magazine also won a bronze medal award in the category of visual design in print. Editor of the publication is Jill Crane; Kat Dalton is the designer.

A gold medal award also went to the Office of University Development for "An Opportunity," a brochure used in the fund-raising drive for Cornell's Performing Arts Center now under construction. The publication was designed by Deena Wickstrom in the university's Office of Publications. The concept of this publication was developed by Sandi Gurowitz, director of development communications.

Winners of silver medal awards were the News and Feature Service and New York's Food and Life Sciences Quarterly, a research publication of the New York State College of Agriculture and Life Sciences. Erica Fox is the editor of this publication; Linda Haylor is the designer.

The News and Feature Service was cited for excellence in newswriting; its entry consisted of 10 research and consumer stories written by Yong H. Kim, Susan S. Lang, and Jeanne Mackin.

CASE bronze medal awards went to the Department of Athletics in the category of multimedia presentations and to the School of Hotel Administration in the category of

special issues of periodicals.

The athletics department was cited for its nine-projector multimedia show, which was transferred to both film and videotape. Titled "Cornell Athletics Are a Tradition to Cheer About," the show describes Cornell's athletic programs in the past and at present, and prospects for the future. James B. Maas, professor and chairman of Cornell's Department of Psychology, served as executive producer. This 6 1/2-minute show was produced by Gindick Productions Ltd. in New York City.

The School of Hotel Administration was cited for the 25th anniversary issue of Cornell Hotel and Restaurant Administration Quarterly. The publication is headed by Joan S. Livingston, executive editor, and Glenn Withiam, managing editor. The anniversary issue was published in 1985.

In another national competition, Kim received an award for excellence in newswriting from the Agricultural Communicators in Education, an organization of writers, editors, and other professional communicators with land-grant colleges and universities, the U.S. Department of Agriculture, and in Canada. This is the seventh year in a row that Kim has been honored by ACE. His previous honors include the 1985 Professional Skills Award, the top writing award given by ACE.

CASE is an international professional association of more than 2,800 educational institutions in the U.S., Canada, and several other countries. Its annual awards program recognizes institutions with superior programs in the areas of fund raising, alumni administration, government relations, and communications.

Norman R. Scott Elected ASAE Fellow

Norman R. Scott, director of research for the College of Agricultural and Life Sciences, has been elected a Fellow of the American Society of Agricultural Engineers. Election to fellow is one of the highest distinctions an ASAE member can achieve.

Scott's area of research has been directed primarily toward bioengineering. His projects have included earth-air heat exchange, mechanics of milking, solar heating and cooling of greenhouses, and automation of dairy herd management. He recently developed an automatic estrus detection system

and an electronic system for identification of animals.

He served as chairman of Cornell's Department of Agricultural Engineering from 1978 to 1984.

For ASAE, he has been chairman of the monographs, bioengineering, and research committees and an ASAE Foundation Trustee. He is also a member of the American Society of Heating, Refrigeration, and Air Conditioning Engineers, the American Society of Engineering Education, the Instrument Society of America, and the New York Academy of Science.

Goodrich Receives Teaching Award

Dana C. Goodrich, professor of agricultural economics, is the recipient of the 1986 Edgerton Career Teaching Award in the College of Agriculture and Life Sciences.

Goodrich, a member of the Cornell faculty since 1958, coordinates the undergraduate program for the Department of Agricul-

tural Economics. He teaches courses in marketing in which he uses the "Futures Market Game," which gives students the opportunity to participate in commodities trading.

He has advised more than 500 undergraduates in the last 25 years. In 1983, he was selected by graduating seniors in the agriculture college to receive the Professor of Merit Award.

The Edgerton Career Teaching Award includes a recognition plaque and a gift of \$1,500 to the recipient's department to be used to enhance its teaching program. The award was established in 1980 by Louis J. and Edith Edgerton and their friends, colleagues, and former students to recognize commitment to teaching. Edgerton is an emeritus professor of pomology.

Fulbright Awards Go to Two Faculty

Two Cornell faculty members — psychologist Elizabeth Adkins-Regan and physicist Albert Silverman — have received Fulbright Scholar awards for 1986-87.

Adkins-Regan will conduct research at the Institut National de la Recherche Agronomique in Nouzilly, France.

A member of the faculty of the College of Arts and Sciences since 1975, Adkins-Regan is a specialist in the field of biopsychology, focusing on the social behavior of animals, especially the role of sex hormones in reproductive behavior. She holds a joint appointment in the Department of Psychology and the Section of Neurobiology and Behavior.

Silverman, who will conduct research at the University of Rome, Italy, has been a member of the faculty in the College of Arts and Sciences since 1950. He is a specialist in elementary particle physics and high energy accelerators, and has published more than 75 papers in his field.

Silverman also held a Fulbright award in 1958-59. He also has held Guggenheim (1958-59) and Ford Foundation (1965-66) fellowships.

Campbell New Director Of Psychological Service

Stephen N. Campbell has been named director of psychological service in the Department of University Health Services, effective June 1.

Campbell, assistant director of psychological service since 1983, was named acting director in August 1985. He succeeds William C. White Jr., who is now at St. Albans Psychiatric Hospital in Radford, Va.

Campbell joined the staff of Gannett Health Center in 1978 as a clinical psychologist.

Two Ph.D. Candidates Get Butterworth

The Julian E. and Veta Butterworth Fund Award for outstanding dissertations will be shared this year by Stephen L. Jacobson and Melvin L. Ross.

The honor is given annually to the graduate student or students whose dissertation proposals show the greatest promise of making a significant contribution to the field of education. Jacobson's dissertation is entitled, "The Distribution of Salary Increases Among Teachers and Its Effect on Recruitment and Retention." Ross' is entitled,

"Elimination of the Dual System of Higher Education: A Dilemma in Desegregation." Jacobson will receive a cash award of \$1,000; Ross will receive a cash award of \$500.

The awards are in honor of Julian E. Butterworth, a faculty member in the education department of the College of Agriculture and Life Sciences at Cornell from 1919 to 1952. His work led to the establishment of the Board of Cooperative Educational Services (BOCES) districts in New York State.

Animal Nutritionist Wins Feed Industry Award

Charles J. Sniffen, an animal nutritionist at Cornell, is the recipient of the 1986 "American Feed Industry Award in Nutrition Research" of the American Dairy Science Association.

Sponsored by the American Feed Industry Association, the award is for Sniffen's research accomplishments, especially the development of methods to evaluate protein degradability and application of this in dairy

cattle feeding and nutrition.

An authority of ruminant nutrition, Sniffen has been recognized as the scientist most responsible for the widespread adoption of protein solubility as a key factor in formulating dairy cattle rations. In addition to his research responsibilities, Sniffen works closely with Cornell Cooperative Extension agricultural agents, feed manufacturers, and farmers on all aspects of dairy cattle nutrition.

Number 29

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.

July 24, 1986

proposals, correspondence; duplicating; answer telephone; handle mail service; run campus errands. Other duties as needed.

Requirements: High school diploma or equivalent. Business or secretarial school or equivalent preferred. Previous secretarial experience preferably in an academic setting. Good interpersonal and telephone skills. Knowledge of Xerox 860 desired. Ability to work under pressure.

Minimum Biweekly Starting Salary: \$431.43

SECRETARY, GR18 (C296) Computer Science

Provide clerical support for an academic department consisting of 25 faculty. Assist the undergraduate secretary which involves typing and the coordination of paper work, course enrollment of computer science courses.

Requirements: High school diploma or equivalent. Secretarial school desirable. Medium typing. Knowledge of computer input and output. Good technical typing and organization skills. University courses or work experience in a university environment preferred.

Minimum Biweekly Starting Salary: \$431.43

SECRETARY/PROMOTION ASSISTANT, GR18 (C2133) (Repost) University Press

Provide secretarial and clerical support for 4 members of advertising and promotion staff. Type correspondence, advertising copy, memos, invoices; duplicate; process mail; proofread; oversee student assistant. Other duties as assigned.

Requirements: High school diploma or equivalent. Secretarial or business school desirable. Heavy typing. Secretarial experience required. Good communication (spelling and grammar), and math skills. Prior work with publicity preferred.

Minimum Biweekly Starting Salary: \$418.85

SECRETARY, GR18 (C292) Communication

Prepare correspondence, classroom materials, scholarly publications, proposals, etc. for 3 or more faculty using micro computer and typewriter; provide administrative support including travel arrangements and forms; assist with annual inventory review and with audio-visual reservation and checkout system. Other duties as assigned.

Requirements: High school diploma or equivalent. Secretarial school desirable. Medium typing. Minimum 1 to 3 years experience. Experience with personal computers desired; willingness and ability to learn essential. Good interpersonal and communication (written and oral) skills. Experience with audio-visual equipment desirable.

Minimum Biweekly Starting Salary: \$431.43

SECRETARY, GR18 (C291) School of Hotel Administration

Provide word processing support for 18 faculty in the Hotel School and clerical support to the administrative aide. Type and proofread moderately complex class materials, such as charts, exams, correspondence, proposals, research, reports, manuscripts; write and type drafts of letters and memos.

Requirements: High school diploma or equivalent. Medium typing. Excellent typing skills. Knowledge of WANG word processing required. Strong written communication skills including knowledge of editing and proofreading symbols. Excellent spelling and grammar.

Minimum Biweekly Starting Salary: \$431.43

SECRETARY, GR18 (C293) Clinical Sciences - Veterinary Medical Teaching Hospital

Provide secretarial support for Clinical Sciences - Veterinary Medical Teaching Hospital administration. Use WANG word processing to prepare purchase forms, other miscellaneous typing; coordinate and process forms for departmental travel. Other duties as assigned.

Requirements: High school diploma or equivalent. Secretarial school desirable. Medium typing. Minimum 1 to 3 years secretarial experience. Word processing. Good organizational skills. Attention to detail.

Minimum Biweekly Starting Salary: \$431.43

General Service

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

MAINTENANCE MECHANIC, SO23 (G295) Veterinary Microbiology - Statutory

Responsible for daily operation and maintenance of physical plant including assisting in the planning, scheduling and overseeing of repairs and upkeep. Maintain inventory of building supplies, equipment and repair parts; check buildings and equipment daily; assist in design and construction of special nontechnical research equipment; daily record keeping. Other duties as assigned. Monday - Friday; 39 hours per week and 24 hour emergency call.

Requirements: High school diploma or equivalent. 4 to 6 years related experience with demonstrated ability to develop cost estimates, supervise and plan. Familiar with fire, health safety and OSHA codes and regulations. Ability to maintain electric system and heating plants (i.e. high pressure steam boilers); maintain and monitor air handling units; general repairs and upkeep. Knowledge of blueprints.

Minimum Biweekly Starting Salary: \$572.27

BAKER, SO22 (G292) Dining Services - Endowed

Prepare full line of baked goods including rolls, breads, cakes, cookies and pastries. Coordinate the preparation and presentation of baked goods; plan and coordinate quantities of production; follow formulas and baking techniques precisely; meet production deadlines; determine methods of production proofing times and decoration of bakery products. Assist manager in food products ordering; supervise proper storage of bakery food items. Ensure sanitary procedures and NYS health codes are maintained. Monday - Friday, 39 hours per week.

Requirements: High school diploma or equivalent. 3 to 5 years related experience in preparing from scratch a variety of baked goods. Knowledge of baking techniques and baked goods presentation. Working knowledge of use and maintenance required of baking equipment. Good interpersonal skills.

Minimum Biweekly Starting Salary: \$7.07/hour

MATERIAL HANDLER, SO18 (G2810) Dining Services

Receive, inspect, store food products, equipment and supplies. Wash dishes, pots, pans. Clean and maintain assigned area.

Requirements: High school diploma or equivalent; basic reading and computation skills required. Knowledge of storeroom and inventory techniques, purchasing and receiving food products. Ability to perform continuous heavy lifting up to 75 pounds. New York State Driver's license required. Minimum hourly rate: \$5.71

DARKROOM TECHNICIAN (G294) 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.

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

The minimum salaries listed are for recruitment purposes only.

EDITOR, CORNELL CHRONICLE (PA2913) News Service

Editor of a 19,000 circulation tabloid currently published 41 times a year. Responsible for overall editing decisions including content, layout and design, photo selection, and coordination of supplements and special issues (themes); also responsible for covering a campus beat for Cornell Chronicle and for possible external distribution through the Cornell News Service.

Requirements: Must have a demonstrated ability to produce on deadline; experience in the mechanics and production of regularly published newspaper or similar publication at a major research university; experience with word processing and personal computers, and type specification and creative design and layout. Bachelor's degree in journalism or related field. Master's preferred. Three years, full-time relevant experience in journalism or relevant experience in related discipline. Please send cover letter and resume to Ralph D. Jones by July 31, 1986.

HEALTH ASSOCIATE III (PA328) (Repost) University Health Services

Will provide continuity of care, health education, health maintenance and preventive care services using health associate-physician approved guidelines. Responsible for assessment of occupational health problems and for coordination of occupational health screening and preventive programs.

Requirements: Master's degree in clinical specialty preferred. NYS RN/Physician's Assistant license and graduate of an accredited NP/PA program essential. ANA nurse practitioner certification or NCCPA certification. Some experience very desirable. Please send cover letter and resume to Ralph D. Jones by July 31, 1986.

ASSOCIATE DIRECTOR FOR CONSULTING SERVICES (PA2915) Office of Publications Services

Establish and supervise a publications consulting service that will analyze publications or rework existing publications to answer identified needs and relate to the overall promotional goals of the University.

Requirements: Bachelor's degree required. At least five years of experience in public relations, preferably at a college or university. Excellent writing and marketing skills. Please send cover letter and resume to Ralph D. Jones by July 31, 1986.

WRITER & CONSULTANT (PC2914) Office of Publications Services

Consultant and writer who will analyze publications and communications needs to develop new publications or rework existing publications to answer identified needs and relate to the overall promotional goals of the University.

Requirements: Bachelor's degree required. Excellent writing skills. Marketing or public relations experience, preferably in a college or university. Please send cover letter and resume to Ralph D. Jones by July 31, 1986.

BUSINESS MANAGER (PA298) Vice President for Campus Affairs

Responsible for the overall business, financial and administrative operations for a department with \$60 million budget.

Requirements: Master's degree. 3 to 5 years financial experience desirable. Please send cover letter and resume to Ralph D. Jones by September 2, 1986.

STAFF ENGINEER (PA299) Telecommunications

Under general direction, assist in technical planning of a campus-wide telecommunications network, including system design and technical support to develop, install and maintain state-of-the-art broad-band voice, video and data communications system.

Requirements: Bachelor's degree or equivalent required; Master's preferred. 3 to 5 years experience in telephony. Knowledge of PBX system. Excellent written and oral communications skills and supervisory experience. Please send cover letter and resume to Ralph D. Jones by August 1, 1986.

SYSTEMS PROGRAMMER III (PA296) 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;

Please Post

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 4, 1986.

HEALTH ASSOCIATE (PA295) University Health Services

Primary care in reproductive health and family planning, and in general medicine. 9-month position.

Requirements: NYS RN/PA license, graduation from accredited NP/PA program, and professional certification required. Master's degree preferred. Experience in men's and women's reproductive health care. Please send cover letter and resume to Ralph D. Jones by August 15, 1986.

DEVELOPMENT ASSISTANT (PA297) University Development

Assist in the planning and implementation of the University's annual campaign and provide assistance with major reunion campaigns. Design and implement fund raising programs within the Cornell Fund. Enlist and work with alumni and student volunteer leaders. Coordinate Cornell Fund special events and meetings.

Requirements: Bachelor's degree or equivalent. Excellent communication and interpersonal skills. Some prior knowledge of fund raising through professional or volunteer experience. Ability to communicate with a diverse alumni and student body. Knowledge of Cornell desirable. Please send cover letter and resume to Ralph D. Jones by August 15, 1986.

INFORMATION RESOURCES ASSISTANT (PC2910) Sponsored Programs

Obtain, disseminate and maintain funding source information contained in Sponsored Programs Library. Represent associate director for Information and Resources and the OSP Library at seminars and meetings; provide information to OSP grand administrators and University Committee on Human Subjects.

Requirements: Bachelor's degree or equivalent work experience in academic environment. Minimum 2 to 4 years experience. Please send cover letter, resume or call in confidence to Esther L. Smith by July 31, 1986.

COLLECTION OFFICER (PC291) Bursar

Supervise and coordinate centralized collection program for delinquent student accounts and student loans. Develop work plans, policies and procedures and provide training for collections effort; initiate direct collection activity. Monday and Friday, 8:00am-4:30pm; Tues., Wed., Thurs., 12:00pm-8:30pm.

Requirements: Bachelor's degree or equivalent. Demonstrated managerial and supervisory skills. Administrative data processing. Commercial collection experience essential. College or University collections helpful. Ability to interpret and implement state and government loan regulations and to prepare statistical reports. Ability to represent the university's position to debtors with diplomacy and tact. Microcomputer skills helpful. Please send cover letter and resume or call in confidence to Esther L. Smith by August 4, 1986.

MANAGER OF TECHNICAL SERVICES (PT281) Structural Engineering

Manage large physical testing laboratories, including both teaching and research functions; assist faculty, staff, and students in planning and conducting research; provide and maintain safe working environment; supervise full and part-time staff; schedule use of facility; maintain cost records and lab accounting system.

Requirements: Background and formal training in electronic instrumentation and computer controlled testing, data acquisition, mechanical and hydraulic equipment essential; engineering degree would be useful but is not required. Some management experience preferred. Will be expected to learn essential elements of testing and structural engineering and to stay current with a rapidly developing technology. Please send cover letter and resume to Cynthia Smithbower by July 31, 1986.

ADMINISTRATIVE MANAGER II (PA286) Chemical Engineering

Principal administrative officer for non-academic operation of the School. Responsible for financial administration, facilities management, development, personnel and supervision of administrative staff.

Requirements: Bachelor's degree. Three or more years administrative experience. Strong organizational, communication and interpersonal skills. Knowledge of Engineering or Science helpful and microcomputer experience helpful. Send cover letter and resume to Ralph D. Jones by July 31, 1986.

APPLICATIONS PROGRAMMER II (PT246) (Repost) Division of Summer Session, Extramural Study, and Related Programs

Develop, modify, and maintain computer operations for the division. Responsibilities include project analysis, development, and implementation of computer programs and projects.

Requirements: Bachelor's degree with coursework in computer science. Minimum 3 years experience. Knowledge of dBase III and WordPerfect; extensive knowledge of IBM PC and Macintosh hardware and operation. Familiarity with mainframe systems. Please send cover letter and resume to Cynthia Smithbower by July 31, 1986.

ADMINISTRATIVE MANAGER (PA2912) University Relations

Coordinate and manage the accounting, budget, payroll and purchasing of the unit. Provide administrative assistance and perform special assignments.

Requirements: Bachelor's degree in accounting, business management or equivalent experience and knowledge of university accounting, budget, payroll and personnel systems, including endowed and statutory systems; organizational skills, verbal and written communication skills; working experience on IBM PC/MacPlus and appropriate software required. Please send cover letter and resume to Ralph D. Jones by July 31, 1986.

RESEARCH SUPPORT SPECIALIST II (PT2714) Food Science

Provide secretarial support for several faculty. Type course material, scientific manuscripts, research grant

New Graphic Purchasing Policies And Organization Established

Cornell has changed its procedures and initiated a consulting service for campus departments and programs buying typesetting, printing, and binding services.

Arrangements for these services are now being coordinated through the new office of graphic purchasing, according to John F. Burness, vice president for university relations. Cornell spends more than \$10 million annually in copy preparation and printing, he said.

Each year, thousands of different pieces ranging from single-page announcements to books are published by Cornell. This figure does not include Cornell University Press, the university's independent book publishing company, which produces about 100 titles annually.

The new office, headed by Richard Gingras, will provide free service and expertise to all Cornell units in the selection of copy preparation and printing shops — whether on or off campus.

In a memo to deans, directors, and department heads, Burness said the university's print shop and the Media Services print shop will be eligible to bid on projects "subject to the same requirements of cost, quality, and

timely delivery as any outside vendor."

In addition, he said it is no longer mandatory for all printing jobs to be arranged through graphic purchasing, as formerly required by Graphic Arts Services. However, all jobs with a total cost of \$2,500 or more for typesetting, printing, and binding must either be arranged through the new office of graphic purchasing or have the approval of that office before a contract is awarded.

Commenting on the change, Gladys McConkey, director of publications in the College of Engineering, said: "This new policy will form the basis for a very good working relationship." McConkey was one of the five members of a committee from the group of campus editors that worked with Burness to review the system that has been in place for several years.

Burness said the new graphic purchasing office will provide guidance for purchasing high-quality printing services at no cost to university affiliated clients. Previously, campus units paid for the purchasing services provided by the now defunct Graphic Arts Services. As an enterprise unit, Graphic Arts Services had to charge fees sufficient to cover its operating expenses.

The new service will hold seminars periodically to assist editors and others in academic and administrative units. Burness said the office is staffed to provide the specialized knowledge needed for the purchase of graphic materials to insure "finished products of the highest standards."

Gingras is preparing a brief publication outlining the graphic purchasing services available and other helpful information.

Gingras became assistant director of publications in charge of graphic purchasing, effective July 1. He worked from 1971 to 1984 as assistant manager of Cornell's former Graphic Arts Services operation, which included the university's print shop, and has returned to Cornell after two years in private business. He reports to Dorothy Pasternack, director of publications services. Gingras' office, in the university's Office of Publications Services at East Hill Plaza, can be reached at 255-4352.

Moving the graphic purchasing function out of direct affiliation with the university print shop is the result of several organizational changes initially put in place before January, when Burness assumed the post of vice president for university relations.

Space Stations

Continued from Page 1

Built of lightweight, flexible materials sent up from Earth, the space station could have appendages jutting as far as 500 feet from its main structure. Motion at the base of an appendage, such as the power feed for an antenna, would be multiplied along its length, just as a flick of the wrist moves the tip of a fishing rod several feet.

The Cornell engineers' solution to vibrations is a computer-controlled system of both passive and active damping controls.

Passive controls may include fabricating the structures of exotic materials called designed-damping composites that absorb vibrations, or with built-in friction devices such as those in the twin towers of New York City's World Trade Center.

The active vibration control concept to be studied is called the "self-equilibrating actuator-structure." Cables would be strung between various points in the space structure, not as the principal means of support, but to react to potentially destructive or unwanted motion, according to Gergely.

The cables would be shortened and lengthened by dozens of actuators, probably small solar-powered electric motors. Twisting a turnbuckle on a sagging screen door has the same effect.

The space structure's actuators would operate much faster and more frequently, though — as often as 10 times a second — responding to signals from microcomputers that will be connected to sensors throughout the structure. Complex structural dynamics calculations must be performed rapidly to instruct the actuators how to respond. Over-correction could be worse than no correction at all, and the active controls must take into account effects of the passive damping mechanisms.

Design of the vibration-control system and fundamental studies of chaotic vibrations will take the calculating power of Cornell's

supercomputer. The supercomputer, located at one of five national supercomputer centers, and the university's advanced computer graphics laboratory are well suited for complex theoretical and practical problems. However, the engineers hope the vibration-controlling space structure won't need a supercomputer to control itself.

The research will be conducted in Cornell's George Winter Structures Laboratory, the Chaotic Dynamics Laboratory, and the Kettering Energy Systems Laboratory.

Actuators of the type proposed for space structures already exist, and someday may help control shaking of skyscrapers during earthquakes. The Cornell project is the first, according to Gergely, to test the self-equilibrating concept with complex structures.

The main product of the research will be a 33-foot-long space truss structure built to demonstrate the structural analysis and vibration-damping system.

Early U.S. History Subject of Exhibit At Olin Library

The Declaration of Independence, the political events which led up to it, the patriots who composed it, signed it, and who fought for it are all found in an exhibition which opened July 3 in Olin Library.

Many of the documents, books and manuscripts have been assembled from the library's collections: George Washington pleads for clothing for his troops at Valley Forge; Lafayette recounts to his wife how he fought at the Battle of Brandywine; in Philadelphia Benjamin Franklin asks the Constitutional Convention to approve the Constitution; and Thomas Jefferson proposes a toast for the 4th of July, 1798, "The Union—may it find an everlasting cement in the spirit of the Revolution and the sacredness of the Constitution."

Also included is the first appearance of the Declaration of Independence in the Pennsylvania Evening Post, July 6, 1776; letters and documents signed by members of the Continental Congress who put their names to the Declaration of Independence; hand-drawn maps of battles of the Revolutionary War; and the first printing of Thomas Paine's "Crisis" December 19, 1776: "These are the times that try men's souls."

Hours are Monday-Friday, 8 a.m.-noon and 5 p.m.

Senior Awarded Kennedy Prize

Joyce West of Seneca Falls is the winner of the 1986 John F. Kennedy Memorial Award of \$1,000 as the Cornell graduating senior who has demonstrated the greatest promise of a successful career in government or public service. The award seeks to foster leadership among promising seniors by helping them to pursue graduate work or to embark on a public service career.

West, a policy analysis major in the College of Human Ecology, will continue her studies in the Master's of Public Policy program at Harvard University's John F. Kennedy School of Government.

As an intern in the Cornell-in-Washington program and as a research assistant during the summer, West worked at the National Institute of Mental Health's Office of Policy Analysis and Finance. Her primary interest lies in "developing health care policies that more fully incorporate the principles of disease prevention and health promotion," she said.

Job Opportunities

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 (T294)
Veterinary Microbiology - James A. Baker Institute for Animal Health

Maintain and operate a Cellular Immunology Lab concerned with the analysis of host defense mechanisms against intracellular bacteria. Duties include cell culture, cell phenotype and function analyses, assistance with animal surgery, protocol design, record keeping and data analysis.

Requirements: Bachelor's degree or equivalent. 3 years lab experience with tissue culture, microbiology, immunology, immunochemical and genetic techniques. Apply by August 1, 1986.

Minimum Biweekly Starting Salary: \$539.94

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 1, 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 1, 1986.

Minimum Biweekly Starting Salary: \$512.32

TECHNICIAN, GR20 (T293)
Genetics & Development

Carry out genetic experiments and manipulations with yeast under supervision. Isolate and characterize respiratory deficient yeast mutants. Help design genetic crosses. Carry out nucleic acid biochemistry on cloned yeast genes.

Requirements: Bachelor's degree in biological science. Background in genetics required. Some experience with

yeast genetics required. Apply by August 1, 1986.
Minimum Biweekly Starting Salary: \$482.33

TECHNICIAN, GR18 (T295)
Equine Drug Testing & Research - Saratoga
Perform analysis of blood and urine samples in a field drug testing laboratory at Saratoga. Assist laboratory director as required. Sat, Sun, and holidays included; 1:00pm - 10:00pm.

Requirements: Associate's degree in chemistry or equivalent lab experience. Experience with Thin Layer Chromatography and general laboratory procedures. Apply by August 1, 1986.

Minimum Biweekly Starting Salary: \$431.43

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 1, 1986.

Minimum Biweekly Starting Salary: \$457.09

Part-time

ADMINISTRATIVE AIDE, GR21 (C2712)
School of Hotel Administration
Assist in identifying problems and deficiencies in the Alumni Data Base system and develop corrective procedures for same. Prepare an "Alumni Profile" and mail same to all alumni in the data base (6,000); input results into the data base and complete the backlog of address updates. Part-time, regular; Tues, Wed, Thurs, 8:30-5:00.

Requirements: Associate's degree or equivalent. Medium typing. Minimum 2 to 3 years administrative experience. Ability to work independently. Good interpersonal and communication skills. Knowledge of WANG operations.

Minimum Biweekly Starting Salary: \$512.32/full-time equivalent

DATA EDITOR, GR20 (C2913)
A.R. Mann Library
Participate in a project to convert library catalog records into machine-readable form; apply MARC tags to catalog copy being input into RLIN; search for and derive from records in RLIN database; proofread records input. Part-time, regular until June 30, 1987; 20 hours per week, 5 days per week, includes evening hours.

Requirements: Bachelor's degree or equivalent. Light typing. Minimum one year of technical experience in a library, catalog experience preferred. Working knowledge of MARC II format and RLIN or OCLC catalog systems.

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

SECRETARY, GR20 (C2315) (Repost)
Physics

Technical typing and word processing for department instructional program (coursework, lab manuals, department student records); secretary to faculty member; re-

print secretary; at time operate offset press; answer phones. Part-time, regular; Monday - Friday, 4 hours per day.

Requirements: Associate's degree or equivalent in secretarial science. Heavy typing. Office or secretarial experience. Word processing experience helpful.

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

ADMINISTRATIVE AIDE, GR19 (C295)
Human Relations Training (Unions & Activities)
Provide administrative support to director and overall program. Substantial writing and editing; develop publicity materials; coordinate volunteer recruitment; program accounts; scheduling; word processing; oversee student employees and volunteers; special projects as assigned. Part-time, regular; Monday - Friday, 6 hours per day.

Requirements: Associate's degree or equivalent. Medium typing. Demonstrated writing and editing skills. Excellent organizational, interpersonal and communication skills. Sensitivity to cross-cultural issues. Experience with personal computers and word processing (WordPerfect and Lotus 1-2-3 a plus). Some experience in directing and supporting volunteers. Familiarity with Cornell accounting system a plus.

Minimum Biweekly Starting Salary: \$457.09/full-time equivalent

ACCOUNTS ASSISTANT, GR19 (C2915)
Design & Environmental Analysis
Maintain books, ledgers and other accounting records; prepare, process and review accounting transactions; do payroll for nonexempt and work study students; maintain cash accounts for office. Other duties as assigned. Part-time, regular; hours to be arranged.

Requirements: Associate's degree in accounting, business or equivalent education and experience. Light typing. Minimum 2 to 3 years office experience. Knowledge of Cornell statutory accounting system and spreadsheet software desirable.

Minimum Biweekly Starting Salary: \$457.09/full-time equivalent

SPECIAL COLLECTIONS ASSISTANT, GR18 (C299)
Rare Books - Olin Library

Catalog modern literacy manuscripts; page books and manuscripts for patrons; handle reference questions; check in, process, transfer books; type some departmental correspondence. Primary responsibility is pre-acquisition and pre-catalog searching of books. Part-time, regular; Monday - Friday, 4 hours per day.

Requirements: Associate's degree or equivalent; Bachelor's degree preferred. Light typing. Previous library experience including knowledge of RLIN searching techniques. Familiarity with card catalogue and national union catalogue. Knowledge of French.

Minimum Biweekly Starting Salary: \$4431.43/full-time equivalent

INTERLIBRARY SERVICES ASSISTANT, GR16 (C297)
Access Services - Olin Library

Under supervision of borrowing librarian, provides clerical support for ILS; type interlibrary loan requests; process borrowed books; maintain borrowing files; handle lending overdues, recalls and renewals; initiate postal tracers; bill for lost books; discharge lending books. Part-time regular; Monday - Thursday, 1-5; Friday 12:30-4:30.

Requirements: High school diploma or equivalent. Medium typing. Ability to work under pressure while maintaining accuracy. Ability to work with foreign languages. Some library or office experience desirable. Microcomputer experience desirable.

Minimum Biweekly Starting Salary: \$390.08/full-time equivalent

CUSTODIAN, SO16 (G294)
Unions & Activities Provide general maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. Part-time, regular; 30 hours per week; various - 11:00pm - 7:00am.

Requirements: Ability to use a variety of heavy power operated equipment, climb an 8' ladder and lift 50 lbs. Please apply in person at the East Hill Plaza Office, Tuesday - Thursday, 9am - 12 noon.

Minimum Biweekly Starting Salary: \$5.14/hour

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.

TEMPORARY TECHNICIAN (T296)
Section of Plant Biology
Assist in lab experiments on plant growth. Grow plants and apply histological techniques, measure growth and form, record and manipulate data using personal computer and peripherals. Part-time temporary until approximately 1 year; 15 hours per week; flexible schedule.

Requirements: Must have experience with microtechnique and microscopy. Must be willing to learn use of personal computer. Please send cover letter and resume to Cynthia Smithbower by August 8, 1986.

Minimum Biweekly Starting Salary: \$5.00/hour

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

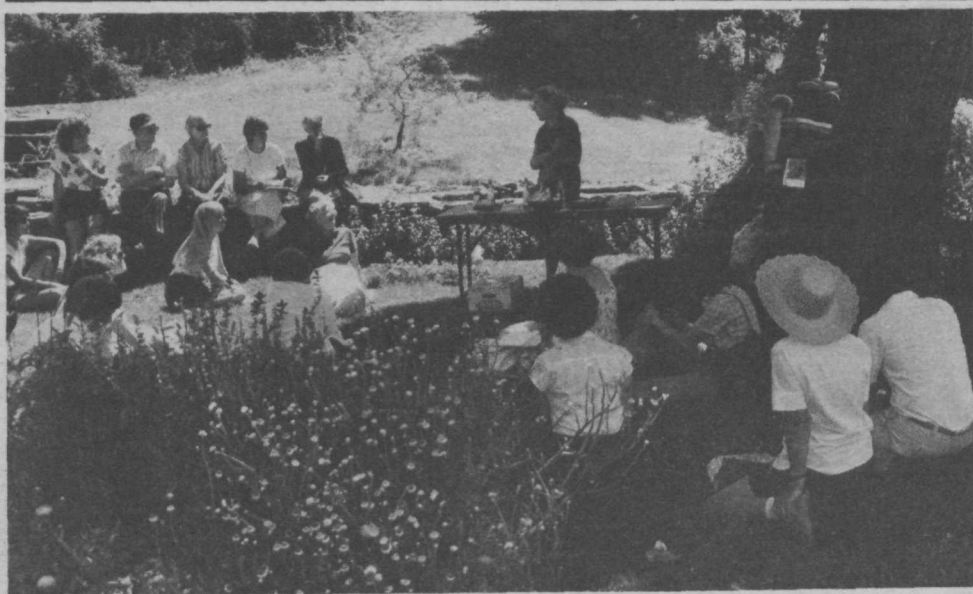
ASSISTANT VOLUNTEER COORDINATOR (PA284)
University Health Services

Assist the sex counselor—educators planning and conducting volunteer training, selecting, scheduling, supervising and evaluating volunteers, developing sexuality education programs for students, birth control, and problem pregnancy counseling. Until December 19, 1986.

Requirements: 3 to 5 years experience and Bachelor's degree required, Master's preferred. Family planning, clinical and counseling experience. Supervision and training of volunteers. Please send cover letter and resume to Ralph D. Jones by July 31, 1986.

ANIMAL ATTENDANT (G281)
Vet Microbiology
Care for, feed, clean and monitor beagles following strict protocol in an ultra sterile environment. Staff must shower, wash hair and put on uniform prior to entering lab area. Weekends and holidays, approximately 10 hours per week.

Requirements: High school diploma or equivalent. Prior animal handling experience preferred. Must be able to lift 50 pounds; pre-employment physical required. Apply in person at the East Hill Plaza Employment Office, Monday - Friday, 9 a.m. - 12 noon.



A discussion of herbs and herb products during last year's Herb Days at in the Young Garden of Cornell Plantations.

Herb Days at Cornell Plantations Offer Lectures, Tours, Sales

Herb Days are Saturday, July 26, and Sunday, July 27, in the Robison York State Herb Garden at Cornell Plantations.

The headquarters building adjacent to the herb garden will be the site of the first event on both days. A slide show produced by the Herb Society of America entitled Herb Gardening will be shown at 1 p.m., and will offer basic information on herb culture and usage.

At 2 p.m. Saturday, Bente Everhart of Cornell's Bailey Hortorium will offer The History of Herbals. Her discussion will include information on how books from centuries past combined herb lore and legends with fanciful kitchen hints, and provided occasionally genuine and often bizarre medical advice.

'Consultant' Program Of Veterinary College Goes International

"Consultant" a system for computer-assisted differential diagnosis developed at the College of Veterinary Medicine, is going international with the licensing of Ontario Veterinary College, University of Guelph, Ontario, Canada for in-house use of the program.

This is the first international extension of a program of this type at a veterinary medical facility. Under an agreement between Cornell University and Guelph, "Consultant" will be available on microcomputer to students and faculty for clinical and educational purposes. Updated software will be purchased on a regular basis to maintain currency with the U.S. system.

Developed by Dr. Maurice (Pete) White, associate professor at the College of Veterinary Medicine, "Consultant" is one of the first diagnostic databases available for widespread use in human or veterinary medicine. "Consultant" contains information on nearly 6,000 diseases of dogs, cats, horses, cattle, sheep, goats, and swine including almost 200 diseases exotic to North America and hundreds of toxic agents. As a computer program, "Consultant" is easily updated.

The user of the program is given the choice of asking for information on a specific disease or asking for diagnoses to consider for a given sign or combination of signs. A computerized entry and retrieval system for clinical signs allows a user to input information on the animal and its symptoms, and the system lists possible diagnoses.

Museum Plans Concert Of Lute Duets

"Lute Duets by Elizabethan Conversation," a concert of Renaissance music, will be presented at the Herbert F. Johnson Museum of Art, Saturday, Aug. 9, at 3:30 p.m.

Featuring Wells College professor Susan G. Sandman and instrument maker Derwood Crocker, much of the music on the program was discovered, transcribed, and arranged by Sandman during a sabbatical from Wells. The concert will take place in the museum's sixth-floor conference room. Admission is \$2.50 for the public and \$2 for museum members.

The program will feature works by John Dowland, John Johnson, Jane Pickering, and other composers of the 16th and 17th centuries, as well as a performance of "Greensleeves."

Public Service Announcement Wins State Award

A public service announcement produced at Cornell University to promote the New York FarmNet has been judged the best in its category by the New York State Broadcasters Association. The 30-second radio message was produced by Gordon Webb in Me-

At 2 p.m. Sunday, Jean Warhol of the local Black Sheep Headspinners Guild will talk about the historical use of dye plants, and will discuss how common plants such as the onion, larkspur and hollyhock can provide rich hues in the dyeing process.

Lynn Hartman of Hartman's Herb Farm will show how to make kitchen wreaths of herbs at 2:30 p.m. both days, and will also have a selection of finished wreaths to sell.

McDowell Valley Vineyards' Philip Ward will suggest ways to add herbs to the menu in his talk, "The Marriage of Herbs and Wine," at 3 p.m. Saturday and Sunday.

For those interested in learning more about herbs in the Robison garden, guided walks will be conducted by the Plantations' staff both days at 3:30 p.m.

Informatics Center Receives Grant

The National Library of Medicine has awarded a three-year grant to Dr. Roy Pollock, director of the Center for the Study of Medical Informatics at the College of Veterinary Medicine to study computer-based knowledge nets for medical information.

The center, the first of its kind in veterinary medicine, was established last year to research methods for using computer technology to organize, store and deliver veterinary medical information.

Among its current projects are the analysis of coding systems for medical information, and the development of knowledge nets and computer-assisted diagnosis programs. A knowledge net is an indexing system that not only indicates key words, but also what an article says about the relationships among them.

Pollock said the award underscores the potential of computers in both veterinary and human medicine. Electronic information systems will undoubtedly play an important role in the future practice of medicine, but in the meantime, much fundamental work remains to be done on knowledge representation, search strategies and diagnostic algorithms.

Museum Acquires Amish Quilt

Johnson Museum visitors who have contributed funds at the main entrance have made possible the purchase of an early 20th century Amish quilt from Lancaster County, Pennsylvania. The quilt is made from fine wool and has been passed down through several generations within the same family. This example of traditional American folk art will be on display in the museum through Aug. 31.

Classic Amish quilts are well-known for their strong geometric designs and subtle color combinations, such as the blue, gray, green Diamond in Square pattern of the museum quilt. The Diamond in Square design is also symbolic of Amish religious beliefs, the diamond being the symbol of Christ and the four corner blocks representing the cornerstones of human experience.

Correction

An article in the July 10 Chronicle stated incorrectly that the National Institutes of Health funded an animal experiment involving rDNA.

dia Services.

NY FarmNet, in operation since earlier this spring, is a service of Cornell Cooperative Extension that helps farm families cope with financial problems.

Top-Quality Wheat 'Geneva' Ready to Make Its Debut

BY YONG H. KIM

Just as athletes strive to improve their performance, plant scientists never stop trying to make their crop varieties better with superior characteristics.

A new wheat capable of yielding more grain than all the leading varieties grown in New York State is about to make its debut, with adequate seed supplies expected in time for the wheat season that begins this fall.

Named "Geneva" after the city of the same name in the heart of the Finger Lakes region, the new wheat is a product of more than two decades of work by two Cornell University scientists.

In addition to its exceptional yield capacity, Geneva stands out in terms of milling and baking qualities. That's good news for farmers, the milling and baking industries, and consumers, according to one of its developers, Mark E. Sorrells in the College of Agriculture and Life Sciences.

Like other varieties grown in New York, Geneva is a type called "soft white winter wheat," which is used for pastries — such as cookies, cakes, and crackers — and for breakfast items like shredded wheat. New York is known nationally as a major soft white wheat producing state, along with Michigan and eastern Canada. Empire State farmers normally devote some 200,000 acres to production of this type of wheat.

Bread is made from hard red wheat grown in the nation's wheat belt. Pasta such as spaghetti and macaroni require yet another kind — durum — grown mostly in North Dakota.

Most of the wheat grown in the Pacific Northwest is exported to Japan and other

Asian countries to be used for noodles.

Geneva is important to the milling industry. It yields more flour per given amount grain than other existing varieties because its higher "test weight." The higher the test weight, the more flour.

Wheat with higher test weight does not necessarily mean higher profits for farmers. It means more demand for higher test-weight wheat, making New York growers competitive in the market, Sorrells explains.

"Higher demand results in higher wheat prices for New York farmers," he says.

Geneva climaxes 22 years of work by Sorrells and Neal F. Jensen, who initiated the project in 1964. When Jensen retired from Cornell in 1978, Sorrells took over the project. Jensen is well known for his superior varieties of wheat, oats, and barley for use in the Northeast and elsewhere in the country.

Aside from its outstanding milling and baking qualities, Geneva is the most productive variety ever developed at Cornell, where a string of 14 varieties has been developed over the past several decades.

The newest Cornell wheat has a five-bushel yield advantage over other leading varieties, says Sorrells. In field tests conducted over the past six years in 20 locations in central and western New York, Geneva out-yielded all top varieties, such as Purcell, Houser, and Frankenmuth, by four to eight bushels per acre. Purcell and Houser are Cornell varieties; Frankenmuth is from Michigan.

"Geneva's six-year yield average is 76 bushels an acre in yield trials around the state," Sorrells reports.

Cornell Tops in Food Quiz Event

What's zoonosis? Eating chocolate prevents tooth decay, true or false? Which government agency has control over the alcoholic content of wine? What's the sweetest substance in nature?

If you can't answer these questions, don't feel embarrassed. Even scientists often find it difficult to come up with correct answers.

It wasn't easy either for a group of Cornell students who make it their business to know the right answers to these and other equally tough questions. But, they turned out to be the smartest among the collegians confronted with such \$64,000 questions in a recent nationwide "quiz show."

Four food science students in the College of Agriculture and Life Sciences at Cornell captured the national championship in the "National Food Technology College Bowl" in Dallas, June 15. Sponsored by the Institute of Food Technologists, the event drew six teams representing major regions of the United States.

In the final round, the Cornell team edged the University of Wisconsin team 70 to 55. In

an earlier round, Cornell crushed Kansas State University, 70 to 5. The University of California at Davis, the University of Georgia, and the University of Arkansas also vied for the honor.

Cornell represented the Northeast after winning the regional title last fall in the North Atlantic Area College Bowl at the Pennsylvania State University. In that event Cornell trounced Penn State 45 to 15. The captain of the team at both the regional and national competitions was Raymond J. Lundy of Levittown, N.Y. Other members of the team were: Todd Gusek of St. Louis Park, Minn.; Joe Klemaszewski of Almond, N.Y. and Andrea Malmendier of Corning, N.Y.

Zoonosis, by the way, means a disease communicable from animals to humans. Chocolate, believe it or not, has the ability to prevent tooth decay. The Bureau of Alcohol Tobacco, and Firearms — not the Food and Drug Administration — has a say on the alcoholic content of wine. As for the sweetest material in nature, it's fructose in fruit and honey. Fructose is much sweeter than table sugar.

Poultry Conference July 30-31

How do hens cooped up in wire cages in modern poultry houses feel about their living conditions? Can they be made more comfortable? If so, would they produce more eggs?

A Cornell study to answer these questions and the possibility of improving immune systems in chickens through genetic engineering techniques are among topics to be discussed at the 1986 Cornell Poultry Conference at the Ithaca Holiday Inn July 30-31.

Open to poultry farmers throughout the Northeast, the annual event is sponsored by Cornell Cooperative Extension and the College of Agriculture and Life Sciences.

Cornell poultry scientist Dan Cunningham, the conference chairman, will discuss his chicken behavior research and its implications for poultry production and welfare at 8:30 a.m. Thursday, July 31.

Library Gets Stringfellow Papers

The Department of Rare Books in Olin Library has received the papers of William Stringfellow, regarded by many as the most important U.S. theologian of his generation. Stringfellow, who died March 2, 1985, was also a lawyer and the author of some 14 books, most of which focus on the practice of Christian ethics in modern society.

Three of the books, co-written with poet Anthony Towne, concern their close friends, the Anglican bishop James Pike and the Jesuit priest Daniel Berrigan.

On leaving Harvard in 1956, Stringfellow settled in East Harlem and worked as legal counsel for the poor and for outcasts of all kinds, including homosexuals.

"He took up causes that no one else wanted to touch," said Daniel Berrigan, speaking at Stringfellow's funeral, "whether

it was housing or racism or the plight of women in the church."

Like Berrigan and Martin Luther King, Stringfellow was an early critic of American involvement in Vietnam.

After sorting and indexing, the 93 boxes of papers and memorabilia presented by his executors will be made available for scholarly research, and will form a valuable resource in conjunction with the Daniel and Philip Berrigan Collection, already housed in the Department of Rare Books.

Networking

A Cornell Newsletter Published by Employees for Employees

Volume 7, Number 9

Thursday, July 24, 1986

Dedicated Service Award

Gwen P. Campbell Receives July Award

Clarence Decker, Cornell's purchasing manager in 1967, had the ability to recognize a "good buy" whenever he saw one. One of his best decisions was to hire Gwen Campbell as the University's government equipment inventory clerk on August 1 of that year.

Inventory record keeping, important as it is to the proper functioning of the University, is a frustrating task, to say the least.

On the one hand, you have to satisfy the ever-present government auditors, armed with their hundreds of pages of rules and regulations. At the same time, you have to deal with the dedicated researcher, who could care less about what equipment Cornell "owns" and where it is precisely located, so long as it is within reach when needed.

It takes a person with both rare and diverse talents to survive in this environment for very long as government equipment inventory clerk at Cornell.

With almost twenty years of service in

this position, Gwen Campbell has proven, over and over, that she has the skills necessary to cope with this "Catch 22" situation. Her thorough knowledge of government rules and regulations enables her to go head-on-head with every auditor she meets and never come out with anything worse than a tie.

With her vivacious personality and persuasiveness, she disarms even the gruffest of researchers. If one wants to start the day off right, there is no better way than to call the Equipment Inventory Center and hear that cheerful greeting "Inventory-Gwen Campbell."

While all of us in the Cornell family can take pride in the internationally recognized accomplishments of our illustrious faculty and alumni, we must, at the same time, remember that it also takes people like Gwen Campbell to keep Cornell's reputation as an efficiently operated business in tact. Gwen has unquestionably earned the Dedicated Service Award.



Gwen Campbell

Alice Humphreys Retires with 24 Years of Service

"Enormous good luck," is how Alice Humphreys describes the opportunities which have been offered to her at Cornell. But those who have worked with her, like Provost Barker and Provost Emeritus Kennedy, would attribute her successful career to qualities other than luck.

Alice retires this month, and friends and colleagues recently gathered at the Statler to honor her and say thanks for twenty-four outstanding years at Cornell.

Provost Barker said, "Alice is an extraordinary person, the magic ingredient being a great sense of humor. She is highly organized, even crisp in her dealings, and yet deals with everyone with grace and charm."

Alice began her Cornell career in 1962 as an administrative aide in the Center for International Studies and continued in the same capacity in Public Affairs

before being appointed in 1970 as executive assistant to the provost.

"A wonderful colleague and associate," is how Provost Emeritus Kennedy describes his former executive assistant. "For many years she has made the provost's office look good by being knowledgeable, efficient, and helpful."

Being knowledgeable about Cornell comes naturally: In 1940 Alice married a Cornellian who was also a University employee. Through her work at CIS and Public Affairs she had the opportunity to

meet many faculty members and alumni. "All of this knowledge has been valuable and rewarding," she recently said.

Alice also has a comment about a long and productive career: Stay cool under stress and keep your sense of humor.

Provost Emeritus Kennedy said, "Her loyalty and dedication to the University are truly exceptional and an inspiration to all who have the privilege of working with her."

Upon your retirement, Alice, we would like to say: "Enormous good luck."



Alice Humphreys

Employees on the Go - Promotions and Transfers

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

NAME	DEPARTMENT
Kathleen Arnink	Geneva
Beverly J. Babcock	Dining
Kenneth Berkowitz	Libraries
Virginia Bizzell	CHESS
Florence Blodgett	Agricultural Economics
Gordon Bowen	Dining
William R. Chase	Dining
Sue Christofferson	Vet College
George Cobb	Dining
Susan H. Compton	Residence Life
Debra DeLorenzo	English
Charles E. Ellis	Vet College
Georgianna Farmer	Agricultural Economics
Kathleen Gardner	Dining
Patsy Goff	Dining
Jean P. Grossmann	Dining
Michael Kelleher	Agricultural Economics
Diana M. LaMontain	Building Care
Cynthia Lange	Libraries
John A. Latta	Libraries
Tom Lucas	Dining
Timothy J. Lynch	Chemistry
Beverly Maynard	Provost's Office
Michael C. McCheyne	Dining
John McKeown	Public Affairs
Francine D. Reed	Dining
Patricia Randorf	Libraries
Leora Rockhill	Payroll
Edward R. Rogers	Dining
Kathryn B. Rumsey	Vet College
Susan Shell	Investments
Jeffrey S. Smith	Dining
Marilyn B. Stevens	Arts & Sciences
James M. Willard	Applied & Engineering Physics
Dale Williams	Residence Life
Patricia Williams	Comparative Literature

Focus on the Employee Assembly

EA Announces 1986-87 Officers, Members, and Committees

by Mick Ellis

As I begin my second term as chairperson of the Employee Assembly, I am reminded that too many employees are unaware of the extent to which the Assembly has an ongoing opportunity to impact decisions, policies, and benefits which profoundly affect their lives as well as their work environment.

Assembly members meet regularly with the president, provost, senior vice president, vice president for campus affairs and the director of personnel.

In addition, we have access to all other administrators and supervisors and departments within the Cornell community. Over the years, I have seen the Assembly's influence and reputation enhanced by the hard work of committed and dedicated employees who have contributed significantly to the constructive and effective resolution of problems and issues within the larger community.

The tireless efforts have earned them a working partnership with the University's decision-makers. The Assembly's effectiveness is enhanced every time another employee becomes involved in campus governance. A diversity of views, energies and talents enriches the governance process.

Employees may be surprised to learn just how many of their fellow workers are involved in the governance process. Before telling you who is involved, I would like to talk a little about what the Assembly does.

In short, the Assembly provides a mechanism for the informal exchange of information and views between employees and University administrators. It ensures a direct focus for the continued involvement of exempt and nonexempt employees in the

governance of nonacademic affairs and in the life of the University.

In so doing, the Assembly creates greater visibility for employees as community members, more equal participation with faculty and students in the policy process, and an increased sense of community.

The Assembly has the authority to examine the University's personnel policies as well as other policies affecting the work environment and make recommendations to the appropriate bodies or University administrators concerning these matters.

Recommendations might address issues such as education and training opportunities, dining, health, transportation and parking, recreation and communication among employees.

Now that you know a little about what the Assembly does, let me tell you who does it. The members of the 1986-87 Employee Assembly are:

Bernadette D'Amico, administrative aide, Geneva

Mick Ellis, director, RPU, Unions & Activities

Joan Heffernan, grad field secretary, Architecture

Continued on Page 4

Networking Publication Date Change

Networking will not be published in August. The next deadline date for articles and unclassified ads will be August 25 for the September 4 issue.



Summer Vacation

Summer is here! Along with warm, sunny days arrives that commonly heard question, "Are you taking a vacation this summer?" Many people associate vacation with leaving town. This need not be the case.

For those who cannot leave for any number of reasons, a vacation at home can be an enjoyable alternative. Ithaca and the Finger Lakes region can be a lovely place for a vacation in the summer, offering gorges, hikes, wineries, waterfalls, and swimming.

Whether you decide to stay at home or to leave town, taking a vacation can be stressful. It is difficult to separate from work, family and friends. Often spouses and children find themselves fighting and arguing before a vacation. We spend most of our lives working and developing a regular routine that makes our days and lives somewhat predictable. Any change in this balance - positive or negative - will result in increased anxiety.

When we know and understand that the time before a vacation is very

stressful, and that such stress is normal, we can plan to take care of ourselves and be prepared for anxiety and family flare-ups. From this point, where we expect flare-ups and understand why they may occur, we can better figure out how to

For those who cannot leave home for any number of reasons, a vacation at home can be an enjoyable alternative.

relieve the anxiety and, hopefully, avoid carrying it over into the vacation.

The Employee Assistance Program staff is available to talk with you about a variety of concerns. If you have a concern about which you would like to speak to an EAP counselor, please call us at 273-1129.

Have an enjoyable summer!

Cornell Recreation Club Golf Tournaments Highlight Summer Activities

NEW YORK GIANTS FOOTBALL GAME. CRC will run a bus to E. Rutherford, NJ for the Giants vs. Jets preseason football game on Saturday, August 23. The bus will leave from B lot at approximately 2:00pm arriving at Giants Stadium at 7:00pm. The game will begin at 8:00pm and the bus will return to Ithaca immediately following the game.

The price is \$30 per person (add \$5 for nonmembers) and includes transportation and game ticket. Call the CRC Office for more information. Sign up will be first-come, first-served and a deposit will be required. Final payment and deadline for sign up will be August 7.

WALT DISNEY WORLD. A trip to Florida has been planned to coincide with the winter holidays. The flight will leave on Monday, December 29 and return on Sunday, January 4. The group will spend 6 days and 7 nights in Orlando, FL at the Las Palmas Inn (offering a cafe, dining room, heated pool, close to restaurants

and shopping). Included in the price is air fare, lodging, three days at Disney World/Epcot Center, and a New Year's Eve gathering.

The price, based on double occupancy, is \$575 for adults; children's prices are \$316 (ages 3-11) and \$433 (ages 12-17). Sign ups have started so call today and place a deposit (\$100 per person). Final payment and deadline for sign up will be October 31.

DEEP SEA FISHING. We have planned another deep sea fishing trip for October 3-5, 1986. The bus leaves Friday evening and returns early Sunday evening.

The cost is \$95 per person and includes transportation, fishing all day Saturday, bait and tackle, motel Saturday night, beer and pop, and snacks on the bus and boat. The group will fish out of Gloucester, MA on the "Island Queen" and stay in Seabrook, NH at the Best Western. Call today. Final day to sign up is September 11.

GOLF TOURNAMENTS. Both events will be held at Dryden Lake Golf Course and are 4-person Captain and Crew events. Coffee and donuts will be served 8:30-9:00am. The dates for the CRC golf tournaments are as follows:

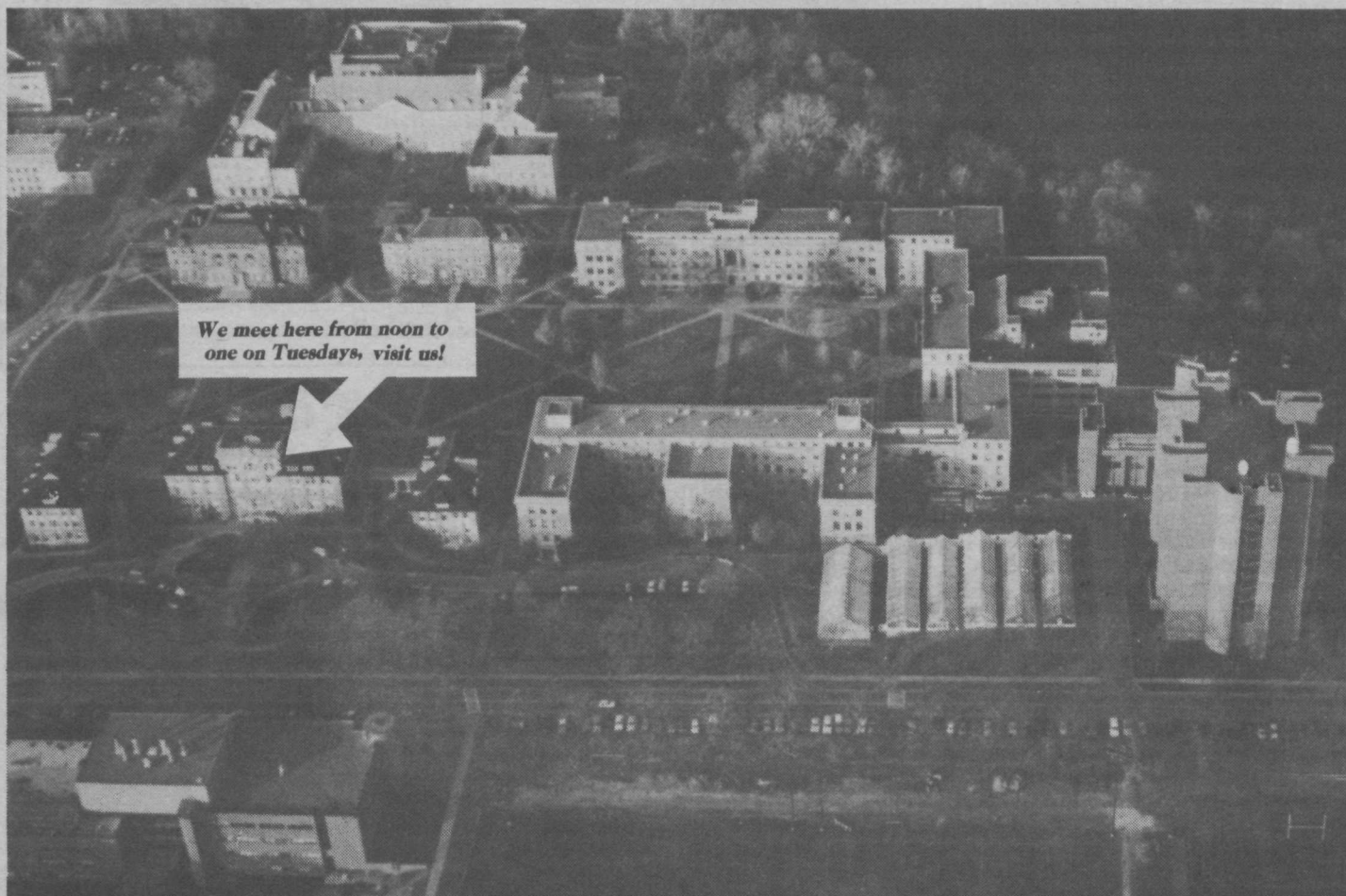
Thursday, August 7. CRC Seniors Tournament (open to anyone), price of \$16 per person includes 18 holes of golf, greens fees, coffee and donuts, light lunch of sandwich and nonalcoholic beverage, cold buffet dinner, and prizes. Entry fees are due by July 25, 1986.

Sunday, September 14. CRC Annual Tournament, entry fee is \$22 per person (\$27 for nonmembers) and includes 18 holes of golf, greens fees, coffee and donuts, light lunch of sandwich and nonalcoholic beverage, steak dinner, and prizes. Entry fees are due by August 29, 1986.

If you wish to rent a golf cart for either tournament, please call the golf course at 844-9173.

PARK FUND. It is hoped that CRC will be purchasing material to begin construction on the pavilion in August. The club still needs your financial support. Send your contribution to Peggy Beach, 165 Day Hall and be a part of the exciting growth of CRC. We have recently received donations from the following people: Bob Nobles, Max and Helen Seamon, Warren and Pat Underwood, Ed and Nancy Couch, Virginia Hine, Earle and Patricia Carry. Thank you.

PLEASE NOTE: There will be a sale of all of the hamburger (\$1.00/lb), hot sausage \$1.50/lb, and roast beef (\$2.00—lb) that is left over from the summer picnic. First come, first served on Thursday, July 24, 1986 at 4:30pm at the Meat Shop, Morrison Hall.



We meet here from noon to one on Tuesdays, visit us!

Photo by Carol A. Thurnheer with a special lift by Bob Smalley.

Take Charge of Your Health Best Seller Diet Book Deserves Strong Criticisms

by Christina Stark, Division of Nutritional Sciences, New York State College of Human Ecology and New York State College of Agriculture and Life Sciences

Fad diets come and go, but at least one fad diet book has remained on the best-seller list long enough to deserve some attention. The type of attention it deserves is strong criticism, because the dietary principles being promoted are not based on sound nutritional and medical science.

The authors of this new diet book, *Fit for Life*, are a handsome couple who smile at you from the book's back cover. Marilyn and Harvey Diamond advocate "a way of eating that is meant to be incorporated into your lifestyle as a way of life and not a dogmatic regimen."

They state they have not designed a program to put pressure on you, but rather they wish to provide a set of dietary principles that you can use as much or as little as you wish, depending on your goals. They want eating to still be a joy.

So far, so good. At least the plan is not another diet that pushes only one food or a certain brand of supplements that are used for just a few weeks. This program allows you to have familiar foods available at any grocery store.

However, there's a hitch. According to the Diamonds, what makes their program unique is that "it is not only

what you eat that makes the difference, but also of extreme importance is when you eat it and in what combinations."

As the specifics of the plan unfold, medical science, nutritional science, and even basic logic seem to be left by the wayside.

The book contains many blatantly false, unfounded, and illogical statements which the writers use to provide the rationale for a rather strange way of eating.

To start, the authors believe that excess weight is due to the inefficient elimination of excess wastes from the body. They claim the key to efficient removal of waste is to work with what they call the natural body cycles: elimination, appropriation, and assimilation.

Based on these principles, the Diamonds have outlined a pattern of eating that allows only fruit during the elimination cycle; fruits, vegetables, and some "concentrated" foods (but properly combined) during the appropriation cycle; and nothing during the assimilation cycle.

They claim that if the proper foods are eaten in the right combinations and during the correct cycles, then weight problems will naturally be avoided.

The problem with their eating plan is that there's no scientific evidence that supports their notion of timing and combining foods. Body fat results from eating too many calories, not from eating fruit at the end of a meal instead of before a meal.

There's also no evidence that eating "concentrated" foods together (e.g. meat and potatoes, or fish and rice) will cause these foods to "rot" in your gut instead of being digested.

In addition to their unsupported theories about the causes of obesity, the authors make some inaccurate statements about the nutritional value of certain foods. For example, they incorrectly claim that milk and dairy products are not good sources of calcium.

The book contains many blatantly false, unfounded, and illogical statements which the writers use to provide the rationale for a rather strange way of eating.

Instead they encourage the reader to rely on fruits, vegetables, and raw nuts for calcium. While a few leafy green vegetables (such as turnip greens, collard greens, and kale) supply moderate amounts of calcium, most fruits, vegetables, and nuts are not particularly good sources of calcium.

In another section on protein, the Diamonds claim that flesh foods supply no energy. In reality, foods such as meat, fish, and poultry can contribute a significant number of calories to the diet.

The nutritional adequacy of this diet will vary depending on what foods are

eaten. The program doesn't really forbid any food, and it is somewhat up to the dieter to make choices as long as the principles of timing and combining foods are followed.

Obtaining adequate calcium may be a problem since dairy products, while allowed, are not particularly encouraged. Protein intake could also be dangerously low, especially for pregnant women or young children.

Fit for Life is just one example of the many fad diet books that swamp the market each year catering to those who seek the easy way to lose weight. While many diets can cause an initial dramatic loss of pounds, usually those pounds are due to water weight and soon are regained.

The goal in any weight loss plan should be the loss of fat, not water or lean body tissue. In addition, once that weight loss is achieved, the long-term maintenance of the desired body weight is the true test of success.

When evaluating any weight loss plan, keep in mind that the most successful plans should do the following:

- Provide all the nutrition your body needs, except calories.
- Come as close as possible to your tastes and habits of eating.
- Protect you from between-meal hunger, give you a sense of well-being, and not make you feel tired.
- Enable you to eat at home and away from home without too much difficulty.
- Give you good, long-term eating habits.

Your Employee Benefits

Pre-Retirement Seminar: Physical and Mental Health Addressed

Twenty-six Cornell employees and their spouses had an opportunity to test a very special preretirement program on May 5, 1986 which was sponsored jointly by Employee Benefits, University Personnel Services and the Tompkins Community Hospital.

The participants met at the hospital for a full morning of health education focused particularly to those considering retirement.

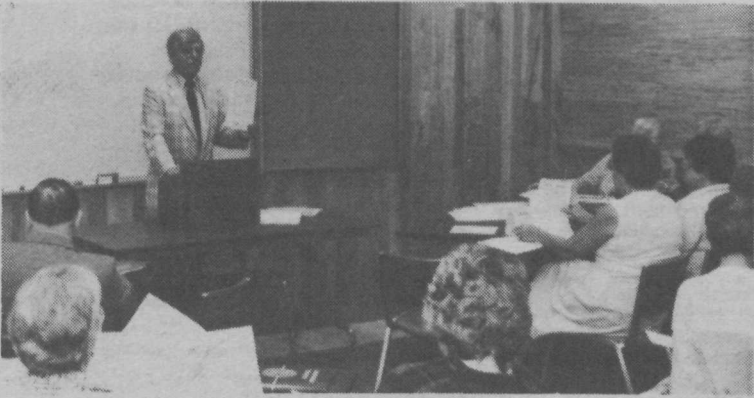
Previous preretirement sessions have focused on the financial aspects of retirement including how to plan and manage money, benefits coverage, wills and estates. This is the first time the physical and mental health aspects of retirement were addressed.

The participants were enthusiastic about the program. They heard Dr. Jud Kilgore talk about the whole patient, Bart DeLucca on mental health and community resources, Priscilla Tennant on quality nutrition and Marcia Wilkinson on home health care.

Each presenter allowed time for questions and discussion. The meeting finished with a delightful yet healthy luncheon served salad-bar style in the medical library, while Arden Sherf, professor emeritus, talked about his role as a volunteer and retiree at the hospital.

Studies have established that employees who plan for their retirement and take part in preretirement sessions are better prepared and more satisfied with retirement decisions than those who leave the planning until retirement occurs.

The sessions offered no formulas for



successful retirement. Most clearly stated and affirmed by all the speakers is the idea that retirement is a very new chapter in life and that each of us has a personal responsibility for our own health and well-being.

"It is never too late to start," said Dr. Kilgore. Stop smoking, start exercising, improve nutrition, and consult your doctor at least once a year.

Be aware of changes and signs of distress. Modern medicine can do much to alleviate problems we once thought we had to endure, such as hearing loss, eye problems, arthritic disability, and circulatory problems.

Bart DeLucca highlighted some of the primary issues identified by retirees as problems: Isolation in retirement; the most serious issue when careers are over - the need for a new identity; lack of a well-defined role and perceived lack of respect from others; making new friends;

physical changes; guilt at not being productive; fear of inflation and erosion of

... employees who plan for their retirement and take part in preretirement sessions are better prepared and more satisfied with retirement decisions than those who leave planning until retirement occurs.

income by medical expenses; moving decisions - including disposal of family possessions.

DeLucca cited the formation of retiree groups who share their problems, experiences and wisdom with each other on a regular basis as successful support networks within the community.

Marcia Wilkinson described the home health care system in the county for both long and short term care, while Priscilla Tennant pointed out how changes in metabolism as people grow older necessitate balance and moderation in diet.

Each participant received a self-help booklet Healthy Life for Seniors and a risk factor inventory sheet to build into their day-to-day routine the suggestions that they heard from the experts.

Employee Benefits is most appreciative of the time and interest given by the presenters and currently is exploring the program as a regular preretirement planning event.

Life Safety Lines

Prevent Food Poisoning

The Food and Drug Administration estimates that as many as one American in six may fall prey to food poisoning in a single year. Most illnesses are mild and soon forgotten. Often an individual's illness is passed off as "a bug going around," but some other cases require lengthy recuperation and may be life-threatening.

Almost all the problems, the spoiled vacations and discomforts, could be avoided if people follow a few simple rules. These are especially important in the warm weather months when people plan picnics, barbecues, and camping trips.

Few foods are sterile. Low levels of bacteria are common and unavoidable. One method of avoiding foodborne illnesses on picnics is to use foods with a low susceptibility to food poisoning organisms.

These resistant foods include scrubbed whole fruit, processed lunch meats and processed hot dogs whose preservatives protect you when refrigeration isn't at its best, canned meats, meats that are kept cold and in leak-proof containers until grilled and eaten, and canned or scrubbed raw vegetables.

Use COMMERCIAL mayonnaise liberally. It inhibits bacterial growth.

Salt and, to some degree, sugar act as a preservative, so if your diet permits, picnics are a good time for potato chips and cookies or cake, but leave cream-filled desserts behind.

Here are some other ways you should protect yourself:

— Remember that moist proteins such as meat, poultry, eggs, seafood, custards, cream pies, potato salads, milk and milk products are very susceptible to organisms that can grow to poisonous proportions quickly and therefore should be properly refrigerated.

— Wash your hands frequently. If you are ill or have a cut hand or skin infection, avoid preparing food. Don't let other such people prepare your food.

— Be especially particular about washing not only your hands, but knives, plates, and cutting boards after their use on susceptible products such as raw meats and poultry. Wash cutting boards before they are used to cut up or come in contact with vegetables or salads. A good technique is always to use one cutting board for raw meats and poultry and another for vegetables.

— Brush-scrub vegetables intended to be eaten raw to make sure no parasite or germ survives from the growing fields or retailer.

— Make sure when packing a picnic that juices from potentially contaminated foods such as raw chicken don't drain into and contaminate other foods.

— Keep foods hot (over 140 degrees) or cold (less than 45 degrees). Don't let them "sit" at room temperature to cool.

— Buy only pasteurized milk, cream, cheese, and other milk products.

— Hard-boiled eggs should be kept cold, even if they are in the shell. Let the eggs cool in air, not in water.

— Never buy, keep, or use canned goods if the can is swollen or badly dented.

— If you kill wild game, cook it as completely as pork. Cut fresh fish and keep them cool, and cook them as soon as possible. Be sure you don't forage for clams, oysters, or crabs in prohibited or polluted waters. To be on the safe side, avoid raw shellfish.

— Ground meat is more perishable than solid pieces, so it should be one of the first items cooked on a trip. Hamburger should be cooked thoroughly.

— The deadliest food poisoning, botulism, is now rare thanks to modern canning procedures. Home canners of vegetables should follow safe canning instructions carefully.

Regardless of the germs involved, foods cooked too far in advance and not adequately refrigerated spell danger. You're safest when you keep ingredients cold to the last minute, grill your meats on the spot, and assemble your sandwiches with clean hands and utensils at the picnic.

Follow these simple rules for summer cooking and enjoy the pleasures of picnics and cookouts without fear of illness.

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

Workshops & Seminars: Changes in Registration Procedure

The increased response by Cornell staff to the programs offered through the Contact calendar has required changes in the registration procedure, effective with the current summer calendar. The changes are designed to make the registration process more efficient and to better serve the Cornell staff's training and development needs.

If you have registered for a program this summer but will be unable to attend, you can ensure that your department will not be charged the program fee by notifying Training and Development at least three working days in advance of the program. This will enable us to contact staff members on the interest list for that particular program.

Costs involved with presenting these workshops and seminars require that

departments be charged the full program fee if cancellations are received less than three days in advance of the program. Also, if staff members withdraw from the program without notifying Training and Development, the full fee will be charged.

Because workshop enrollments are limited, early registration is advised, and we will gladly place your name on an interest list if enrollment for a particular program has been filled.

The fall workshops and seminars calendar will be delivered to Cornell staff in late August, with programs scheduled to begin September 8.

For more information about additional staff development opportunities at Cornell, please contact the Office of Training and Development, 107 Day Hall, 5-7170.

Leadership Leads

One Minute Advice in a Nutshell

One Minute Advice in a Nutshell excerpted from The One Minute Manager by Ken Blanchard.

One Minute Goal Setting

One Minute Goal Setting is simple: Agree on your goals. See what good behavior looks like. Write out each of your goals on a single sheet of paper using less than 250 words. Read and reread each goal, which requires only a minute or so each time you do it.

Take a minute every once in a while out of your day to look at your performance, and

See whether or not your behavior matches your goal.

One Minute Reprimand

The One Minute Reprimand works well when you:

Tell people beforehand that you are going to let them know how they are doing and in no uncertain terms.

The first half of the reprimand: Reprimand people immediately. Tell people what they did wrong - be specific.

Tell people how you feel about what they did wrong - and in no uncertain terms.

Stop for a few seconds of uncomfortable silence to let them feel how you feel.

The second half of the reprimand: Shake hands, or touch them in a way that lets them know you are honestly on their side.

Remind them how much you value them.

Reaffirm that you think well of them but not of their performance in this situation.

Realize that when the reprimand is over, it's over.

One Minute Praising

The One Minute Praising works well when you:

Tell people up front that you are going to let them know how they are doing. Praise people immediately.

Tell people what they did right - be specific.

Tell people how good you feel about what they did right and how it helps the organization and the other people who work there.

Stop for a moment of silence to let them feel how good you feel.

Encourage them to do more of the same.

Shake hands or touch people in a way that makes it clear that you support their success in the organization.



Open Blood Pressure Clinic Schedule

July 28, 1986, Emerson/Bradfield, Emerson Room 135, 9:00am-3:00pm

July 30, 1986, Warren Hall, room B-32, 9:00am-3:00pm

August 6, 1986, C.U. Development Conference Room, 8:30am-12 noon

August 7, 1986, Plant Science Building, room 404, 8:30am-1:00pm

August 12, 1986, Fernow Hall, room 212, 9:00am-12 noon.

Unclassified Ads

1. Please submit all unclassified ads to **Networking Unclassifieds**, 130 Day Hall - no phone calls please.
2. For our information your name and campus phone number **MUST** be submitted with ads. Otherwise your ad will be omitted.
3. All unclassified ads are free of charge to Cornell faculty, staff and students and will be printed in the order received as space permits.
4. Please limit your ad to 30 words or less. If an ad is longer than 30 words it may be shortened by the Networking staff.
5. Unclassified ads are for nonbusiness purposes only.
6. The deadline for the September 4th issue is August 25th.
7. If an error appears in your ad please resubmit the ad to be published in next available Networking.

For Sale

FOR SALE

- 1971 VW Super Beetle, dependable, good cond., new tires and battery, little rust, \$300 worth of recent repairs, asking \$800. Carol 5-7855 or 257-2088.
- 1971 Mercedes, good cheap transportation or great for parts. Jim 273-3074 or eves 273-0078.
- 1972 Chevy Impala. 4-door, 350 V8, good cond., \$500 OBO. 273-0551.
- 1972 Vega delivery wagon, needs work, new tires, body in fair cond., asking \$200. 257-4489 after 5pm.
- 1973 Buick LeSabre, transportation special! 350 V8, 98k miles, engine just broken in, body okay, some rust, \$400 OBO. 277-5273.
- 1973 Yamaha 500 motorcycle. Includes back rack and rider bar, looks great, runs well, gold color with chrome. 5-9678.
- 1976 Mercury Capri, V6, runs good, body has littl rust, asking \$650 OBO. Carol 5-1613 or 272-0283 after 5:30pm.
- 1976 Mustang, 4 cyl., exc. cond., best reasonable offer. 564-9375.
- 1977 Volvo 2 door, automatic air, low mileage, little rust, runs well, AM-FM, \$3000 OBO. 273-5844.
- 1976 Honda Civic wagon, parts car, \$200. 5-5274 days.
- 1978 Ford Pinto station wagon, \$600. 5-0635 days, 272-9049 eves.
- 1979 Chevy C10 van, std., 3 spd., short bed, step side, some rust, 51k miles, \$3300. 1-756-7118 eves.
- 1979 AMC Concord, good body, 45k miles, \$1100 OBO. Clare 5-5442 or 387-9666.
- 1980 Datsun 310GX, 4 cyl., 5-spd., FWD, hatchback, \$800. Wk 5-4393, Hm (607) 659-7506.
- 1982 Camaro Z28, exc. cond., stored winters, 21k miles, T-top, new shocks, many extras, \$8200 neg. 5-7096 days or 273-3906 after 5pm.
- 1982 Subaru GL, hatchback, automatic, AM-FM, exc. cond., 37 k miles, \$4200. 1-756-7118 eves.
- 1984 Chrysler Laser Turbo, automatic, air, AM-FM radio, digital dash, 15k miles, voice module, exc. cond. 315-497-0548 after 6pm or 5-6890 10-2pm.
- 1985 Iroc Z28 (the original). All options less T-top exc. cond., must sell, \$13,995 or take over payments. 1985 Mercury Capri, power windows and locks, cruise control, AM-FM, low mileage, exc. cond., \$7000 or take over payments, (607) 532-8346.
- 1975 Starfire, new timing chain, battery, water pump, rebuilt carburetor, body good, best offer (willing to trade). 564-9375.
- 1961 International dump truck, 5 ton, 2 spd. rear axle, extra motor and body parts, exc. cond., \$3000 OBO. Bernie 5-6143 or 564-9375.
- 1977 Wilderness 25 ft. travel trailer with full rear bath, sleeps 8, exc. cond., includes awning, sway bars, TV antenna and patio lights, \$5200. 5-6592 or 844-9319 after 6pm.
- Four Michelin MXL tires, size P185—70 R13, 40k miles, lots of tread left, \$50. Steve 5-4581 or (315) 364-7917.
- Air conditioner, Sears Best, 8000 BTU/hr. with power-saver. Diane 277-0335 or John 5-3789.
- Schilke Trumpet MII, silver finish, case and mouth piece included, exc. cond., \$325. (315) 364-7559 after 7pm.
- Mediterranean dining room set with two piece hutch, fruitwood stain, includes six velour covered chairs (gold), leaf, exc. cond., \$600. 277-5657 after 5pm.
- Pool table, regulation size, slate top, includes two sets of balls, two racks, eight cue sticks, good cond., \$300. 277-5657 after 5pm.
- Queen-size bed, Yamaha electric organ with chimes, insulated dog house for medium or small dog, tires mounted on wheels 13 and 15 inch sizes. 272-5706 after 5 and weekends.
- Waterbed, queen-size free flow with pedestal, heater, sheets and pad, \$150; 4 Michelin radials, 185-70 SR 13 (off Honda Prelude), \$20 each or \$70 for set. 257-5269 after 5.
- Kenmore refrigerator, Kenmore electric self-cleaning range and Kenmore dishwasher. All three \$150. 257-3977.
- Early American couch with matching chair, red with dark, hardwood trim, good cond. except for

cat scratchings on small area in front, \$200 OBO. Kris, 5-2532 or 272-2308 after 5.

14' wide, 1981 Concord mobile home in beautiful park, one mile from Cornell, approximately \$270/month (includes lot rent, but not utilities). Must see to appreciate. Available August 1, 1986. 5-9678.

Ladies bicycle, 3 spd., old-fashioned Raleigh, \$50 OBO. 272-8615.

Large ornamental brick fireplace with electric heater, buzz saw, horse-drawn plow (back and forth type), 3 pt. hitch snowplow, dump rake. 273-2542 or 5-4251.

Tennis rackets, antique trunk, Jade plant, Nelco sewing machine, antique mahogany drop leaf table, antique ice box (painted white). 5-3214 days, 272-6086 eves.

Assorted kitchenware and toaster, iron, bedside lamp, bamboo window blind (small), Guatemalan rug, telephone, hair dryer, all good cond. Men's ski pants (CB), X-country skis and fittings (ladies 7-8). 272-8615.

Premoving sale: Kenmore portable washer, 2 yrs. old, \$190; boy's 20" bicycle, \$20; mounted snow tires, \$20; X-country skis, \$20; color TV, \$90; full beds, couch, kitchen table, etc. Sale August 8-16. 257-5660.

Three toilets, two washbowls, two kitchen sink consoles, large blue rug, all cheap. 257-7877 pm. Thomasville French Country dining room, large cabinet, table, 6 chairs, all great cond., \$800. 60" coffee table, \$25; 2 hexagonal end tables, \$50. 273-8751.

Insect specimen bottles and holders, brass door knobs, Egyptian leather bag, metal trash cans, mops, 34x59 metal office table with chair, model RA Delineascope, wooden-stave barrels, men's 4-spd. Schwinn bike, Cape Cod weather glass, Polaroid Zip Land camera. 5-3191 or 272-0045.

Collector's items, Stromberg-carlson console radio, \$25; Marchant desk calculator, \$20; also metal stationary awning for 31" window frame, lt. blue and never used, \$15; women's bowling shoes, size 9, like new, \$10; and 9x12 Lees carpet, rose beige, free of charge. 257-1949.

Rattan love seat, \$100; women's leather coat, knee length, burgundy, size 9, matching purse, both \$125; women's leather boots, black, size 9, \$10; sunlamp, goggles and timer, \$30; curling iron, \$5; hot plate, \$5; Chevy 307 engine and Chevy wheels, 14". Linda 277-5178 eves, 5-8795 days.

3 pt. hitch buzz saw, \$150; Amerigo truck-mount camper, sleeps 6, completely self-contained, \$2000 OBO. 564-9375.

Zenith console AM-FM stereo, walnut cabinet, \$150. 257-7557 after 5:30pm.

Zero Haliburton aluminum camera case . 105, exc. cond., \$95. Wk 5-1866, Hm 273-5163.

Personal computer, complete system, DEC Rainbow, 256K, 2 (400K) disk drives, monitor, keyboard, MS/DOS and CP/M, graphics board, DEC LA50 printer, word processing software, exc. cond., \$1500 neg. 5-8329 or 257-7464 eves.

Macintosh external 400k disk drive, exc. cond. 5-2655 or 257-3667.

Hewlett-Packard calculator, HP-41C Alphanumeric Full Performance Programmable with 441 Bytes continuous memory, RPN logic, under warranty, asking \$115 OBO. Neal 5-8426 or 257-5513 eves.

Okidata 92 printer, used little, exc. cond., IBM compatible, \$300 (Computerland price \$639; Netcom price \$449). 564-9375.

Computer terminal with modem. Good for working with mainframe or mini computer. Ming, 5-7655 or 272-0243.

Macintosh numeric keypad. Also set of antique wooden dining chairs. 273-2572.

Farm-raised veal by half or whole, \$2.69 lb., smaller portions at reasonable prices, order now for September 15 delivery. Cook Family Farm, 564-9375.

Black stallion's sons for sale, 2 beautiful yearling colts (chestnut and sorrel), gentle, calm, training started, \$500 each or trade.

Pretty pinto pony mare, 44", with month-old filly at side, \$525 pair or sell separately. 564-9375.

Horses, Anglo-Trakehners-3, one born in June to be sold with TB mother, Morgans-4, 2 fillies, and 2 geldings. Relocating and cannot take every one with me. Becky 347-4308 or 5-6396.

For Rent

House to share, downtown, quiet, clean, old house with front porch and back yard, along Cascadilla Creek, unfurnished, \$130 plus, 20 minute walk to campus, available late August. Prefer nonsmoking, working person. Greta 273-0135 eves, 5-3608 10-4.

One br, basement apt. on West Hill, garage, laundry, pets, carpeted, on bus route, \$400 inclusive. 273-5844.

Private Adirondack housekeeping cottage on Indian Lake, NY. 2 br, shower, living/dining area, lake-front porch, woodstove, fully equipped kitchen. Max. 4 people, available weekly June 28, \$190 a week. (518) 648-5394 or write Mrs. Elizabeth Johnson, Box 1006, Sabael, NY 12864.

Beautiful garden 1 br. apt., NE, \$355 plus utilities, available immediately, no pets, lease required. Nancy 5-3215 late ams, early pms or 387-5715 8-10pm only.

Large, furnished, 1 br. apt. near Cornell, off-street parking available, year lease, prefer nonsmoker, \$325 a month includes utilities. Available August 15. 273-9434 after 6pm.

Near Pyramid, 2 br, garage, heat included. Also 1 br and 3 br., no pets. 257-7877 pm.

Wanted to Rent

One br. apt. or small house, single female, Dryden-Freeville area, around \$250 a month. 273-6127 4:30-10pm, keep trying.

Wanted

Small used cream separator, small used pasteurizer. 5-0635 days, 272-9049 eves. Used 12" or 16" bike with training wheels. Jeff 5-1744 days or 257-1315 eves.

Next time you're in Day Hall, you might enjoy seeing the exhibit of Charlie Harrington's photos from the Service Recognition Banquet. The photos are on a bulletin board on the first floor by the News Bureau. Thanks for another great job, Charlie!

Continued from Page 1

Ralph D. Jones, staffing specialist, Personnel Services

Dean L'Amoreaux, technician, Vet Avian Aquatic Animal Medicine

Judy McPherson, administrative supervisor, Vet Clinical Science

Kris K. Miller, director, Human Relations Training Program

Dorothy Reddington, associate director, Cornell Fund-Development

Tom Reitz, machinist, Nuclear Studies

Esther Roe, personnel assistant, Health Services, Gannett Health Center

William Staffeld, photo assistant, Architecture, Art & Planning

Donna Vose, administrative aide, Statler Hall

Dwight W. Widger, research equipment technician, Nuclear Studies

Trustee George Peter, director, Laboratory Operation, NAIC Residential Park

Ex-officio Donna Updike, administrative manager, Textiles & Apparel

The newly elected officers of the Assembly are:

Mick Ellis, chairperson

Joan Heffernan, vice chairperson

Dorothy Reddington, secretary

Dwight Widger, parliamentarian

To expedite its work, the Assembly is dependent on a number of committees.

Each committee is charged by the Assembly with specific responsibilities.

These committees are the work horses of the Assembly and are staffed with employees. The committees collect and analyze information relating to issues before the Assembly. Committee recommendations and suggestions are then forwarded to the Assembly for its consideration. Committee membership for 1986-87 is as follows:

COMMUNICATIONS COMMITTEE

Alberta G. Callihan

H. Ken DeDominicis

Joan Heffernan

Perry Huested

Madeline Langan

Judy McPherson

William Staffeld

Donna Updike

Dwight Widger

EMPLOYEE EDUCATION COMMITTEE

Ann Argetsinger

Theresa Burke

Pamela Coil

Eva Desmond-Lugo

Madeline Langan

Patricia Long

Michael Moynihan

Helen Pai

George Peter

Dorothy Reddington

Esther Roe

HEALTH & SAFETY TASK FORCE

Marilyn Cook

Kris DeLuca-Beach

Timothy Giles

Dean L'Amoreaux

Andrea Parrot

Tom Reitz

Donna Vose

INTERNAL OPERATIONS COMMITTEE

Ralph Jones

Mick Ellis

Dwight Widger

Personnel Policy

Sandra Barrett

Robert Carlisle

Bernadette D'Amico

Erica Fox

Richard Guardiola

Joan Heffernan

Steven Jalso

Audrey Lowes

Judy McPherson

Irmgard Muller

Marlene Reitz

Esther Roe

STEERING COMMITTEE

Mick Ellis

Joan Heffernan

Dorothy Reddington

Dwight Widger

COMMUNITY RELATIONS

Richard Guardiola

DINING SERVICES

Perry H. Harris

Patricia Long

RESIDENCE LIFE

Denise Cassaro

Jay Smith

STUDENT LIFE

Gerald Menotti

Laura Wilson

BOARD OF GOVERNORS OF UNIONS

& ACTIVITIES

Helen Pai

UNIVERSITY BUDGET POLICIES

Jerry Feist

Marge McKinney

CAMPUS PLANNING COMMITTEE

Dominic Versage

CAMPUS STORE ADMINISTRATIVE BOARD

Robert Albanese

Janet L. Howe

Charles Pearson

CODES & JUDICIAL COMMITTEE

Alan Diefenbach

Ruth Stanton

Kathleen Winslow

COMMITTEE ON COMMITTEES

Susan Pohl

Ruth Raimon-Wilson

BOARD OF DIRECTORS OF CORNELL UNITED RELIGIOUS WORK

William T. Genter

BOARD ON UNIVERSITY HEALTH SERVICES

Mike Daley

Walter Lalor

Nianne T. VanFleet

UNIVERSITY HEARING BOARD

Katherine Gottschalk

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D. Carol Welch

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David Block

Jill Parker

Joseph Scantlebury

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Dale Grossman

SAGE CHAPEL ADVISORY COMMITTEE

Sandra Kisner

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Michael Moynihan

George Peter

Susanna Randall

Bruce Rich

Emery Schiff

SPECIAL REQUESTS APPEALS BOARD

David Disbro

Harvey Wilkin

TRANSPORTATION SERVICES

Neff Casaburri

Gary James

Donna Kline

Kenneth Marash

VIOLATIONS APPEALS BOARD

Anita Affeldt

Jeffrey Curtis

Donna Henley

I want to encourage employees who have not taken the opportunity to become involved in the campus governance system to do so. We need your input. Your concerns, understandings and energies can and will make a difference.

Employee Calendar

Events of Particular Interest to Cornell Employees

Thursday, July 24. CRC Board of Directors meeting, 315 Day, 12 noon.

Thursday, August 7. CRC Seniors Golf Tournament. Open to everyone. Call the CRC Office at 5-7565 for more information.

Thursday, August 14. CRC Board of Directors meeting, 315 Day, 12 noon.

August 14-17. CRC trip to Toronto. Call the CRC Office at 5-7565 for more information.

Monday, August 18. Employee Day committee meeting, Schoellkopf Hall of Fame room, 12 noon.

Saturday, August 23. Giants football game trip. Call the CRC Office at 5-7565 for more information.

Thursday, August 28. CRC Board of Directors meeting, 315 Day, 12 noon.

Tuesday, September 2. Networking Editorial Board meeting, B-8 Roberts, 12 noon. All welcome.

Tuesday, September 9. Networking Editorial Board meeting, B-8 Roberts, 12 noon. All welcome.

Sunday, September 14. CRC Annual Golf Tournament. Call the CRC Office at 5-7565 for more information.

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

October 3 - 5. CRC Deep Sea Fishing trip. Call the CRC Office at 5-7565 for more information.

December 29 - January 4. CRC Walt Disney World trip. Call the CRC Office at 6-7565 for more information