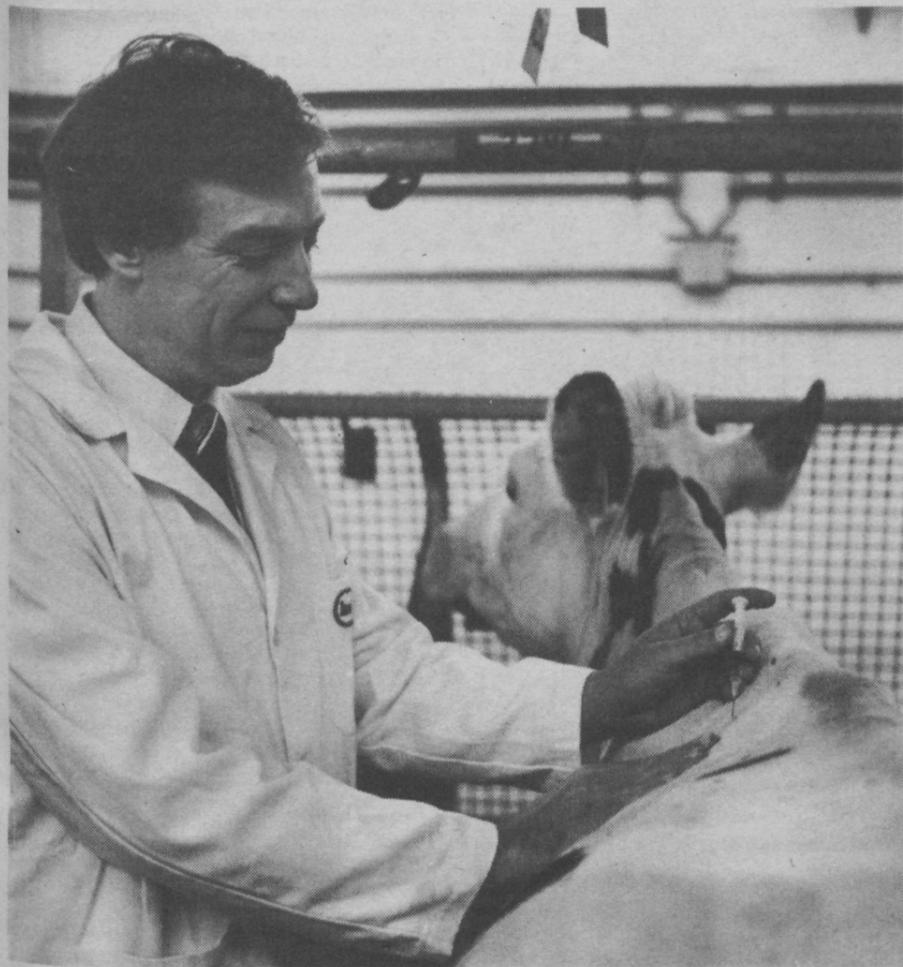


Cornell Chronicle

Volume 17, Number 8

Thursday, October 24, 1985



Dale E. Bauman injects bovine growth hormone to improve milk yield in a cow, a procedure that led to his winning the 1985 Alexander von Humboldt Foundation Award.

Campus Alcohol Policy Undergoing Revisions

The university is about to make substantial changes in its policies governing the use of alcohol on campus.

The changes are being made partially in response to an increase in the age at which residents of New York state can legally purchase alcoholic beverages. The age will increase from 19 to 21 on Dec. 1.

The changes, drafted by an 11-member committee, will encourage the responsible use of alcohol among students, employees, and faculty members.

"The committee took a broad view of the question of serving and selling alcohol on campus," said LeNorman Strong, assistant to the vice president for campus affairs. Strong will be responsible for implementing the new policies resulting from the committee's recommendations.

According to a draft of the proposed policy, Cornell's new regulations are founded on the principle of "freedom with responsibilities." Students, employees, and faculty members will be encouraged to know all the laws governing the use of alcohol and abide by them, participate in educational programs relating to alcohol, and take measures to prevent alcohol abuse.

The proposed changes and recommendations are a result of 23 committee meetings

over a year's time, according to Rene Singleton, assistant director of student activities and a member of the committee. The recommendations, along with comments from members of the Cornell community, have been submitted to William D. Guowitz, vice president for campus affairs.

Guowitz said his office will issue the new regulations on November 1, a month before they take effect. The new regulations may differ from the current proposal, pending additional comments from the campus community, he said.

Changing laws and mores have made colleges nationwide reconsider their alcohol policies, said Alan D. Dickar, a sophomore and a member of the committee that included students, employees, and faculty members.

"Many campuses in similar situations have gone dry and we don't think that is prudent," he said.

Cornell's new policy is designed to encourage responsible use of alcohol, Dickar said. "We can't control everyone's will, but we can try to lead them in a positive direction."

Among the changes suggested in the draft policy would be a prohibition on the sale or

Continued on Page 4

Students Training to Conduct Alcohol Responsibility Sessions

A group of 10 Cornell students is being trained to encourage the responsible use of alcohol on campus.

When their 12-week training is completed, the students will lead workshops in dormitories, fraternities, and sororities to increase students' awareness of issues related to alcohol use and to help students identify ways that they can reduce their personal health risks.

Supported by a \$19,000 grant from the Metropolitan Life Foundation, the peer alcohol education program is directed by Nancy Reynolds, a health educator with University Health Services at Cornell.

"The students are learning how to improve their communication and group leadership skills, and are receiving information on the physiological effects of alcohol and how to adopt responsible drinking practices," Reynolds said.

"We like to stress the positive aspects of responsible drinking rather than dwell on the negative behaviors associated with alcohol abuse," she explained.

The peer educators will lead workshops to help students understand what constitutes the responsible use of alcohol and discuss the risks involved with careless drinking so that students may make healthier choices. Specific topics that will be addressed include handling someone who is intoxicated, dealing with a person with an alcohol problem, planning a party at which alcohol will be served, and guidelines for the responsible

drinker.

The program is one of several new activities funded by the two-year grant that are aimed at increasing awareness of the importance of responsible drinking among Cornell students, employees, and faculty members.

Several computer programs, for example, are being developed to offer students information about alcohol to help them assess the risk of their own drinking practices.

"By selecting alternative behaviors, individuals can learn how to reduce their health risks," Reynolds said.

The computer programs should be available by the end of the year as part of CUINFO, the campus-wide computerized information system.

In addition, faculty and staff members will be offered training on how to identify individuals with alcohol-related problems.

To kick off this new alcohol risk reduction program, the Straight Scoop ice cream parlor, ALERT (Alcohol Education, Research, and Training), and University Health Services will introduce students to some of the commercially available alternatives to alcoholic beverages on Friday, Oct. 25, during National Collegiate Alcohol Awareness Week.

Samples of alcohol-free beer and alcohol-free wine will be distributed at no charge from 11 a.m. to 3 p.m. in the Willard Straight Hall lobby at a table where educational materials relating to alcohol will be displayed.

Prestigious von Humboldt Award Goes to Bauman

Dale E. Bauman, the Cornell University scientist who has pioneered the use of bovine growth hormone in boosting cows' milk yields and efficiency dramatically, is the 1985 recipient of the prestigious Alexander von Humboldt Foundation Award.

Selected for making "the most significant contribution to American Agriculture" during the past five years, Bauman received the award that consists of \$10,000, a medallion, and a certificate.

A professor of nutritional biochemistry in the Department of Animal Science in the State College of Agriculture and Life Sciences at Cornell, Bauman was cited "for his leadership in forging new directions in ruminant research, his innovative research in the regulation of nutrient utilization, which has led to remarkable increases in the efficiency of milk production through the use of exogenous bovine growth hormone, and the unprecedented impact this new technology will have on animal agriculture."

Bauman was presented the award at a special dinner attended by more than 150 of his associates, friends, and family last Thursday at the Ithaca Sheraton Inn.

A member of the Cornell faculty since

1979, Bauman is considered the pioneer behind bovine growth hormone which can boost cows' milk yields up to 41 percent.

"Dale Bauman, a man of enormous energy and creativity, has emerged as the driving force in forging a new thrust in ruminant research in the area of nutritional biochemistry," commented David L. Call, dean of the College of Agriculture and Life Sciences.

"His research efforts in the regulation of nutrient utilization span the continuum from basic to applied," Call said. "The resulting technology, unparalleled in the annals of animal research, portends great benefits for the animal industries of the United States and the world."

In the 11 years that the award has been given, Bauman is the second Cornellian so honored. Wendell L. Roelofs, the Liberty Hyde Bailey Professor of Entomology at the State Agricultural Experiment Station in Geneva, shared the award in 1977.

Bauman's research was the subject of a major article in the New York Times on October 19.

The Alexander von Humboldt Foundation is a German- and American-based organization funded by the Alfred Toepfer Co., a German trading firm.

Big Red Marching Band to Be Celebrated During Homecoming

Cornell's Big Red Marching Band, with its 85 years of tradition, will celebrate and be celebrated during the university's annual homecoming weekend, Oct. 25-27.

Before and after the Cornell-Dartmouth football game Saturday, the Big Red Marching Band will demonstrate why the New York Times once called it "the only true precision marching band in the Ivy League," said Anne D. Benedict, acting director of class affairs.

Cornell's marching band has increased in popularity over the past decades, Benedict said. "This year, more than 170 Cornellians comprise the Big Red Band, the largest membership in its history. Therefore, it's appropriate that we recognize its efforts."

"The Big Red Band has always been very active in homecoming, helping make the weekend special to many people," she added.

Some 2,000 alumni and family are expected to attend homecoming activities. Most of the one dozen schools and colleges on the Ithaca campus will sponsor an event



during the weekend, ranging from continental breakfasts to admission conferences.

Alumni visiting campus for homecoming will be invited to attend the first Henry E. and Nancy Horton Bartels World Affairs Lecture. Sponsored by the Center for International Studies, this year's lecture will be "A View from the Kremlin," by Arkady

Shevchenko, former Soviet ambassador and under secretary general of the United Nations. The high-ranking defector will speak in Bailey Hall at 8 p.m. Friday.

The All-Alumni luncheon in Barton Hall at 11:30 a.m. Saturday will provide an opportunity for classmates to renew their friendships and enjoy a buffet, Benedict

said. About 600 people are expected to attend the program, at which Richard M. Ramin, vice president for public affairs, will recognize and thank the Big Red Band for its efforts.

After the Ivy League gridiron clash on Schoellkopf Field, a reception will be held in Barton Hall where the Big Red Band and Big Red Alumni Band will play a post-game concert.

Homecoming parties will also be held following the game for the classes of 1981 through 1985 in a tent outside Schoellkopf Field.

Another musical tradition, the Glee Club concert, will highlight Saturday evening's program. A wide selection of music, including old Cornell favorites, will be sung by the chorus at 8:15 p.m. in Sage Chapel. Tickets will be on sale at the box office in Lincoln and Willard Straight halls.

"From the first notes of 'Davy' to the refrain of the Alma Mater," Benedict said, "this homecoming weekend's memories will be preserved in music."

PEOPLE

Rochow Wins Allen Award

William F. Rochow, a USDA specialist on plant virology here, has received the prestigious 1985 Ruth Allen Award from the American Phytopathological Society (APS) for his "outstanding contributions to the science of plant pathology." He is a research plant pathologist for the USDA and a professor of plant pathology in the State College of Agriculture and Life Sciences.

Rochow was cited for his research findings which have had a "major influence on the course of research" on barley yellow dwarf virus (BYDV) that takes a heavy toll on cereal crops, such as oats, wheat, and barley throughout the world.

Over the past three decades, Rochow has focused his work on unraveling the complex interplay of factors at work among virus strains, aphid species that transmit these viruses, and plant hosts in efforts to pinpoint which aphid carries which virus strain.

"He is largely responsible for the discovery and description of vector (carrier) specificity for BYDV," the citation read in part.

Rochow's work led to identification of five vector-specific virus strains that are transmitted by four different aphid species. These virus strains are now recognized worldwide by plant pathologists and breeders as major types for BYDV strains.

Ginsberg Directs CISER Program

Benjamin Ginsberg of the Government Department will direct the new CISER Program on Survey Research and Analysis recently approved by the CISER Steering Committee and Board of Governors.

The faculty advisory committee consists of Joe Francis, Rural Sociology; Charles McClintock, Human Service Studies; Vithala Rao, Graduate School of Management; and Paul Yarbrough, Communication Arts. In addition to directing the program, this committee will continue to oversee operations of the CISER Survey Research Facility.

The new CISER program is designed to bring together faculty from both the endowed and statutory colleges to conduct surveys on topics having policy or theoretical

implications and to evaluate and contribute to advances in survey research and methodology.

The program will encourage investigators to extend continuing research, to develop new research topics appropriate for survey research and to respond to university administrative requests for surveys. Based on current initiatives and interests, substantive areas will include (but are not limited to): the family; organizations; state government policy issues; minorities; peace studies and foreign policy. In addition the program will respond to such administrative needs as post-graduate activities of Cornell graduates; campus opinion polling; and cooperative extension program planning.

Thomas Named Noyes Professor

L. Joseph Thomas has been named the Nicholas H. Noyes Professor of Manufacturing in the Samuel Curtis Johnson Graduate School of Management here, effective Oct. 1, 1985.

Thomas, a member of the management school faculty since 1967, was elected by the Executive Committee of Cornell's Board of Trustees at its September meeting. The chair is one of four endowed professorships established by one of Cornell's great benefactors.

Noyes, who died in 1977 at the age of 94, was a member of the Board of Trustees (1933-56) and was one of the university's first Presidential Councillors. He gave more than \$5 million to Cornell during his lifetime. A 1906 graduate of Cornell, Noyes was an officer of Eli Lilly & Co., the pharmaceutical firm.

Thomas is a nationally recognized authority on operations management, specifically in the areas of production planning, inventory control, and distribution systems. He is co-director of an annual program, Managing the Next Generation of Manufacturing Technology, that is sponsored by the management school and Cornell's College of Engineering.

Since 1979, Thomas has been director of the management school's summer Executive

Development Program, which attracts participants from the highest echelons of the corporate world.

Thomas is coauthor of three books and is the author of more than 30 published articles in his field. In 1974, he received the management school's Justice Foundation Award for excellence in teaching. He was director of the school's Ph.D. program from 1976 to 1979.

University Libraries Names McCarty

Kathleen McCarty has been named director of development for the Cornell University Libraries, effective Oct. 17, 1985.

"McCarty's background is ideal for one of the most challenging tasks facing the libraries today and in coming years — finding additional financial support," said J. Gormly Miller, acting university librarian.

McCarty was an assistant director for foundation relations and a foundations researcher for Cornell's Office of University Development since 1981. She has worked for the libraries in the Ithaca School District and for Cornell's Olin Library in the catalog department.

Law School Names Bullis to New Post

Frances M. Bullis has been named assistant dean for development and public affairs at the Cornell University Law School.

Bullis, who assumed her new position July 1, holds a joint appointment in the Law School and Cornell's Division of Public Affairs, according to Peter W. Martin, dean of the Law School.

Bullis had held the title of director of development and public affairs at the Law School since 1980.

"The new title and the joint appointment reflect new responsibilities involved in ma-

naging the Law School's forthcoming capital campaign," Martin said. "We are fortunate to have someone with Fran's experience and knowledge of our alumni leadership to take on these responsibilities."

Before joining Cornell's public affairs staff in 1979, Bullis had served two years as director of Planned Parenthood of the Finger Lakes. She has taught theater history at Brooklyn and Ithaca colleges, and the University of Wisconsin.

She holds a B.A. from Chatham College (1965) and an M.A. from Cornell (1967).



Returning alumni who choose to take a ride down the hill will find that Ithaca Falls, at the base of the Fall Creek gorge, presents as delightful a vista as ever.

Geisler Writes Book on Land Reform

In most countries, land reform usually means redistribution in the ownership of land. In the United States, where land is plentiful and only trace elements of a landed aristocracy exist, land reform generally has consisted of redistributing control of the land through regulation.

Yet in the United States, despite the absence of a politically unified, self-aware land reform movement, the past 200 years bear witness to many insurgent groups trying to gain both ownership and control over what they consider to be their land.

These skirmishes are the focus of the recently published book, "Land Reform,

American Style," co-edited by Charles C. Geisler, associate professor of rural sociology at Cornell, and Frank J. Popper, associate professor of urban studies at Rutgers University.

The book consists of 20 case studies of land reform in America written by a number of scholars from around the country. It covers the desirability and practicality of land reform as it affects agriculture, natural resources, energy policy, minority groups (including American Indians, Blacks, and Mexican-Americans), rural communities, and urban residents.

New Corporate Credit Card Program Begun by University

A new corporate credit card program begun this month will help control travel expenses incurred by university employees, according to W.B. Rogers, director of general services at Cornell.

The credit card, issued by Diners Club to full-time employees who travel on university business, will permit Cornell to gather data on patterns of airline and hotel usage, Rogers said. "It is a management tool," he said.

For example, the university will be able to learn how many nights a month university employees are staying in Chicago. This information, in turn, will allow the university to negotiate a better rate with one of the city's leading hotels. The same kind of arrangement can be made with airlines after Cornell discovers the frequency with which its employees fly certain routes.

The credit card program will also permit the university to improve its cash flow by paying for the bulk of travel expenses after they have been incurred. However, advances for travel still will be provided.

In setting up the credit card program, Cornell negotiated with Diners Club and Ameri-

can Express, the only two card companies with corporate programs. Diners Club offered the better proposal, Rogers said.

The card, although used primarily for university business, remains the personal responsibility of the individual employee, Rogers said. There is, however, no fee for obtaining the card.

A delinquent fee of 2½ percent is invoked after bills become 60 days past due and only if the card holder makes no attempt to settle the past-due item, Rogers said.

For example, if an employee incurs a hotel charge on Oct. 15, and the charge appears on the Nov. 1 Diners Club statement, the overdue fee will not be assessed until after Jan. 1. If, however, the amount due is not paid within a week or 10 days from the end of the 60-day period, use of the card will be suspended and the late fee assessed.

The university's \$100,000 travel insurance coverage program will remain in force. In addition a \$150,000 coverage is provided through use of Diners Club card, at no cost to the traveler.

Cornell Chronicle

EDITOR: Randall E. Shew

CONTRIBUTING WRITERS: H. Roger Segelken, Martin B. Stiles, David I. Stewart, Mark Eyrly, James McGrath Morris, Yong H. Kim, Susan S. Lang, Jeanne Mackin, Joseph Schwartz, Joseph Leeming.

PHOTOGRAPHERS: Sol Goldberg, Charles Harrington.

CIRCULATION MANAGER: Joanne Hanavan.

Published 49 times a year except Thanksgiving, Christmas and New Year's weeks. Distributed free of charge to Cornell University faculty, students and staff by the University News Bureau. Mail subscriptions, \$15 per year. Make checks payable to Cornell Chronicle and send to Editorial Office, 110 Day Hall, Ithaca, N.Y. 14853. Telephone (607) 256-4206.

Second-Class Postage Rates paid at Ithaca, N.Y.

POSTMASTER: Send address changes to the Cornell Chronicle (ISSN 0747-4628), Cornell University, 110 Day Hall, Ithaca, N.Y. 14853.

It is the policy of Cornell University actively to support 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 which will assure the continuation of such equality of opportunity.

Animals in Lab Research: Are Gains Worth the Costs?

By ROGER SEGELKEN

Progress in biomedical research would not be possible without the aid of laboratory animals, most scientists in the field contend.

But that view is not shared by animal rights activists, who claim that the use of animals in laboratory experiments is inhumane and unnecessary, and should be stopped.

"We have never found a case — in consultation with members of the organization who are medical doctors and other scientists — in which the use of animals was imperative," said Ingrid Newkirk, national director of People for the Ethical Treatment of Animals. Newkirk will visit the campuses of Cornell University and Ithaca College on Friday, Oct. 25.

"There are invariably a vast array of alternative methods from which to choose," she claimed.

•••

Alternatives are not always available said Dr. Isadore Rosenfeld, chairman of the Foundation for Biomedical Research and a professor of medicine at the New York Hospital-Cornell University Medical Center.

"Of course, animals should not be used in research that can be conducted in the test tube or with the computer," Rosenfeld said. "But there are many important procedures that mandate the use of animals and for which there is no known substitute."

"Most surgical procedures, including work with prosthetic devices, require the use of animals for development — as a 'dry run' — prior to human application," he said.

Newkirk, the co-founder of the Washington, DC-based animal rights organization, faults not only the use of laboratory animals but the entire system of funding medical care, education, and research in the United States. She blames "the old boys' network" of established scientists for perpetuating the use of animals in research.

But animal research has made significant contributions to medical science, said Rosenfeld, a cardiologist.

The coronary by-pass operation "that is improving the quality of life of millions of people throughout the world" is one procedure that could not have been perfected



A red-tailed boa is examined by Dr. Fred D. Quimby, director of Cornell's Center for Research Animal Resources, and animal health technician Barbara Lok. Veterinary care of all animals at the university is one responsibility of the center.

without experimentation in animals, he said.

"It is not a matter of statistics; it is a matter of priorities," Rosenfeld stressed. "I plead guilty to placing human life above all forms of animal life, even though I'm an animal lover."

•••

Of the 75 Nobel Prizes in physiology or medicine awarded between 1901 and 1984, 55 were for work involving animals. (The others conducted their prize-winning research solely with humans, insects, microorga-

nisms, or plants.)

Among the Nobel laureates who have been affiliated with Cornell, Peter Medawar shared the 1960 prize for studies of acquired immunological tolerance after using cattle, mice, sheep, and chickens in his research. Robert Holley, one of three researchers credited in 1968 with the interpretation of the genetic code and its function in protein synthesis, used rats and yeast as his experimental organisms.

Modern medicine's pharmaceutical cab-

inet would be practically empty without treatments developed in animals, says Robert Phemister, dean of the New York State College of Veterinary Medicine at Cornell. He pointed to the discoveries of vaccines for smallpox, yellow fever, typhus, typhoid, rabies, and anthrax as major accomplishments.

Treatments for diphtheria, leprosy, malaria, hypertension, Parkinson's disease, coronary artery disease, tuberculosis, and tetanus all required animals for their discovery, development, or testing. So did vitamins, penicillin, synthetic penicillin cortisone, and most antibacterial agents.

•••

At Cornell where vaccines for canine distemper and hepatitis were developed, more recent work on a vaccine for canine parvovirus has saved the lives of countless dogs in this country and around the world. The canine parvovirus vaccine studies at Cornell took the lives of fewer than two dozen dogs.

Treatment for feline leukemia was also developed at Cornell, and continuing research here on that disease is providing insights into the immunosuppressive effects of AIDS (Acquired Immune Deficiency Syndrome) and may lead to a treatment for that virus-caused disease.

Most of the 44,000 animals used in research at Cornell's Ithaca facilities spend their days doing what comes naturally — laying eggs, giving milk, or making babies.

Fewer than 1 percent of Cornell's research animals experience pain or stress from life-threatening diseases they contract in biomedical studies.

"At least 70 percent of the animals maintained at Cornell for scientific study are un-

Continued on Page 5

More Next Week

Additional stories — on the regulations and review processes encountered by researchers using live animals, and on a center at Cornell that is responsible for assuring the proper treatment of research animals — will appear in next week's Chronicle.

Cornell Gets Grant to Improve Facilities for Animal Research

Cornell has been awarded one of 23 grants from the National Institutes of Health to improve facilities for animal research and related programs.

The grant of \$748,299 to Cornell is part of an \$8.5 million allocation by the Animal Resources Program of the Division of Research Resources at NIH, according to John E. Holman, director of the NIH Laboratory Animal Sciences Program.

Cornell, which already meets federal and state regulations for animal care, is engaged in a voluntary program for accreditation by the American Association for the Accreditation of Laboratory Animal Care. The New

York State College of Veterinary Medicine at Cornell and the New York Hospital-Cornell Medical Center are already accredited, and the grant from NIH could help Cornell receive accreditation for the remainder of its animal research facilities, officials said.

Since 1980, the university has spent more than \$20 million on construction and renovation of animal research facilities. The NIH grant will be used as part of a \$1.5 million program to upgrade Cornell's animal care facilities. Other funds will be provided by New York State and various university offices.

Work will include improvements in facili-

ties for domestic livestock and laboratory research animals in several locations at the university. These include various central campus buildings, Cornell farms, and the New York State Agricultural Experiment Station at Geneva, according to Richard G. Warner, professor of animal science and principal investigator for the project.

In announcing the award, NIH's Holman said the grants are intended to help institutions upgrade their animal research facilities and improve centralized programs in animal care. The NIH evaluation of the Cornell proposal noted "the ongoing laboratory animal program is comprehensive

and well-documented. No specific weaknesses are noted."

Another major objective of the award, Holman said, is to enable institutions to comply with the federal Animal Welfare Act and Department of Health and Human Services' new policies on the care and treatment of animals.

Other institutions receiving large grants as part of the animal resources improvement program include West Virginia University, University of Michigan, University of Alabama at Birmingham, University of Iowa, University of Missouri, and the University of California at San Francisco.

'Resusci-Dog,' Resusci-Cat' Replace Live Animals in Vet Classes

By JAMES McGRATH MORRIS

Veterinary students here are now able to practice cardiac pulmonary resuscitation (CPR) on a cat without endangering any of its nine lives. The willing subject's fur may be soft and its teeth sharp, but its heart is electronic and its lungs are made of plastic.

Known as "Resusci-cat," the lifeless mannequin is the newest member of a growing family of electronic animal dummies developed at the State College of Veterinary Medicine by Dr. Charles Short.

"Using electronic mannequins is only one of the ways the vet college has approached reducing the use of animals," explained Dr. Fred Quimby, a veterinarian and director of the Center for Research Animal Resources at Cornell.

Resusci-cat and Resusci-dog, for example, are providing future veterinarians with life-saving skills while at the same time reducing the number of live animals used in classrooms.

In the past, the only way to provide students with similar training was to induce cardiac failure in living laboratory dogs. Quimby said he believes Resusci-dog, which was invented in 1983, has already saved hundreds of canine lives.

•••

Complete with pulses, the dummies look like real animals, only a little on the stiff side. Protruding from Resusci-dog's brown shaggy fur and from Resusci-cat's black coat are small groups of wires and tubes. Most of them lead to a box the size of a transistor radio that one might take to a beach, only instead of a dial it displays a line of multi-colored lights.

The lights indicate whether one is applying the right pressure, providing sufficient air to



Resusci-dog, the electronic mannequin developed at Cornell, takes the place of live animals in teaching CPR to students at Cornell and other schools. Another model for cats is also in use.

the lungs, or even squeezing the correct place on the body. For example, if one presses too hard or inflates the lungs at the wrong moment, a red error light comes on and a sharp electronic beep rings out.

The mannequins are most useful in developing the right touch in students, Short said. It is easy, he explains, to apply too much pressure on a small cat and too little on a 1,000-pound horse.

Students benefit by having the chance to practice their CPR skills on the mannequins before facing their first clinical case, Short said.

Using the dummies, the students learn to insert breathing tubes, practice inflating the lungs, and apply pressure to the chest.

Over the past decade, audiovisual aids

have also replaced the use of animals in many courses at Cornell's vet college. Most striking is the sharp reduction in the use of animals in classroom settings. Of the 142 courses offered in anatomy, clinical sciences, pathology, preventive medicine, and other subjects at the college, only 21 courses use living animals. Ten years ago, many more courses made use of living animals, Quimby said.

•••

In certain departments, such as pharmacology and preventive medicine, attempts have been made over the past decade to eliminate the use of living animals in teaching, except for clinical cases, Quimby says. Case studies from previous work, statistical programs, mathematical models, motion pic-

tures, and in vitro assays, have taken the place of animals in these courses.

The most frequent substitute for animals is films. The college maintains a collection of more than 500 audiovisuals of operations, treatment techniques, and illness symptoms that previously could be demonstrated to students only by using live animals.

There are, however, instances where one cannot rely on films or videotapes. Some surgical techniques, such as intestinal anastomosis and thoractomy, cannot be taught properly by film alone. In those cases, Quimby said, laboratory animals are anesthetized for the operation.

•••

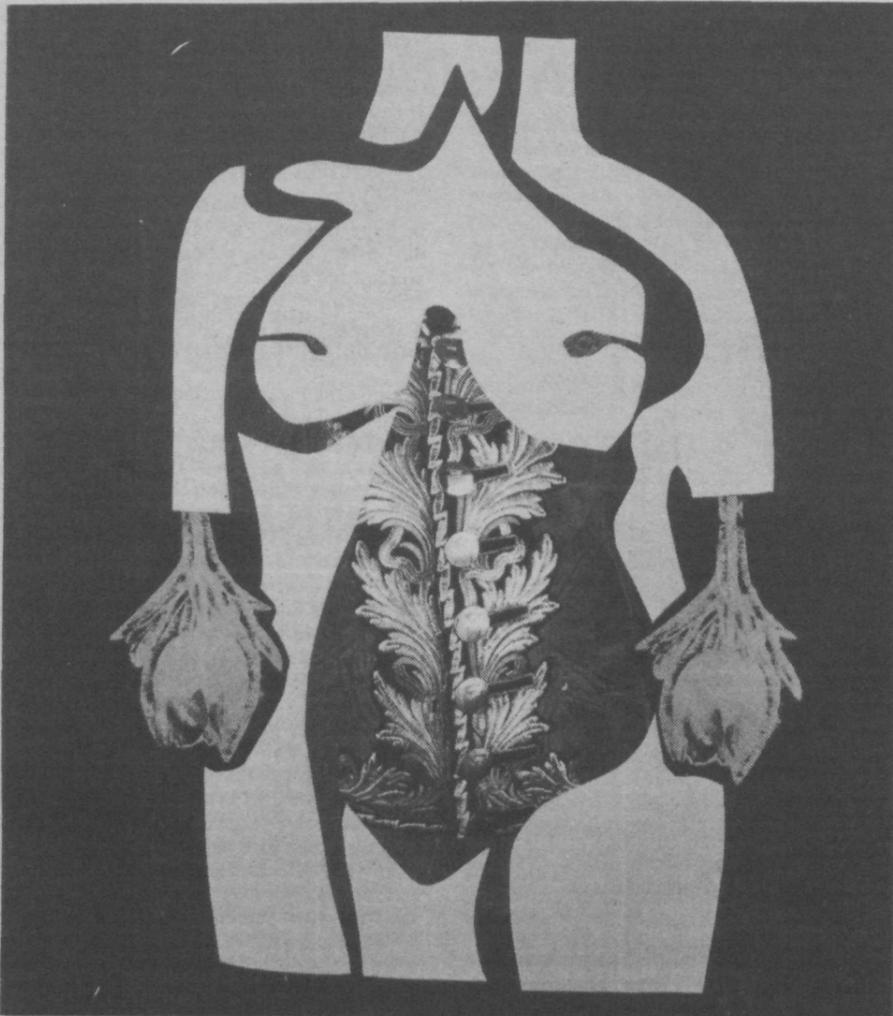
Each animal is used for only one major surgical procedure, and after its recovery from anesthesia, the animal is closely monitored by students and veterinary staff and treated with pain-relieving drugs, if necessary. Once the animals are submitted to euthanasia, their bodies may be used in the anatomy laboratory for dissection.

Improvements in equipment and scientific advances, such as the ability to manufacture synthetic proteins, have also reduced the number of animals used in research at Cornell.

In vitro assays, for example, now permit thousands of tests to be conducted using only a small tissue sample from just one animal. Procedures that may have previously required the death of animals can now be conducted with such samples, he said.

"A combination of an explosion in knowledge, scientific advances, and an increasing sensitivity on the part of researchers, teachers, and students have, in only a matter of years, substantially changed the role of animals in research," Quimby added.

Feminism and Religion Conference Scheduled Here



This collage titled "Second Hand Rose," by Nancy Cusick of Falls Church, Va., is one of a number of works in a "Feminist Art Show" on exhibit through Oct. 29 in the Commons Coffee House of Anabel Taylor Hall. The show is sponsored in conjunction with the "Conference on Feminism and Religious Experience" on campus Oct. 26 through 29.

Workplace Is the Best Location To Combat, Prevent Alcoholism

The best place to combat and prevent alcoholism, the most-abused substance in the United States, is in offices, factories, and other places where people work, according to a Cornell professor who has studied the disease for more than a quarter of a century.

"The workplace provides us with a legitimate means of combating alcoholism" said Harrison M. Trice, a professor in the New York State School of Industrial and Labor Relations. "Alcoholism is the biggest drug problem we have in the U.S. and we have forgotten about it. Alcohol is a hard drug, and the most prominent psychodynamic in cases of alcoholism is denial. In the workplace, evidence of declining job performance offers a means of counteracting that denial," he said.

Funded by the Christopher D. Smithers Foundation, much of Trice's research has been devoted to the development of employee alcoholism programs, now known as employee assistance programs. Over the course of 20 years, the New York-based alcoholism foundation has provided Trice with grants totalling more than \$250,000.

Trice's most recent Smithers-funded national study examined how 600 managers in large corporations dealt with problem drinkers. The study received the prestigious Mark Keller Award from Rutgers University, presented annually for the most outstanding paper appearing in the *Journal of Alcohol Studies*.

In this study, Trice found that supervisors who employed a strategy known as "constructive confrontation" had greater success coping with problem drinkers than those who used formal discipline.

The strategy calls for the supervisor, or in some cases a union official, to make treatment available to the problem drinker while at the same time confronting the individual with evidence of his or her declining job performance. "There is nothing unique about this at all," Trice said. "It's just good management."

Twenty-five years ago, before Trice and the Smithers Foundation began prodding them, only a handful of firms had any established programs for preventing and treating alcoholism. Today, such programs number in the thousands, Trice said.

Progress toward reducing the problem of alcoholism, however, has not advanced as rapidly as the proliferation of treatment, Trice added.

"These job-based programs are working," Trice stressed. "But, in relation to the size of the problem, the progress has not been as much as it could be."

On Oct. 4, Smithers and Trice were honored at a luncheon by Cornell's ILR School. "Through his generous support of the research of Professor Trice, Mr. Smithers has been able to influence the corporate world's attitude toward troubled workers," said Robert E. Doherty, dean of the ILR School.

Campus Alcohol Policy

Continued from Page 1

service of alcoholic beverages at events where the majority of participants are under the age of 21. For example, alcohol could no longer be served at the Phi Psi 500, the popular, annual fraternity charity race during which participants consume beer or soft drinks.

Any event at which alcohol is served at Cornell, regardless of whether a permit is necessary, would be required to be registered with the university so that public safety and other officials are notified, according to the draft document. The registration process will also permit university officials to inform the individuals in charge of the event of their responsibilities and the possible consequences of their acts.

Modeled on an approach taken by Rutgers

University, the committee's report recommends that alcohol education become a central part of Cornell's policy regarding alcohol. Such a program will offer to students an opportunity to learn about the physiological effects of alcohol use, assess their personal drinking behaviors, and be made aware of the influences of campus life that encourage drinking, the report said.

"For most students," Strong said, "the decision to drink or not to drink has already been made prior to entering college, but the choice of 'how to drink' still remains."

Last Friday, Strong and officials from other campuses across the state met in Albany with representatives of the Governor's office, the State Police, and the State Liquor Authority to discuss implementation and enforcement of the new purchase age.

A conference on "Feminism and Religious Experience" will be held here Saturday to Tuesday, Oct. 26-29. Most of the conference's activities will be free and open to the public.

More than 150 people from throughout the Northeast are expected to attend the conference, which will offer a "dialogue among feminists, theologians, students, faculty, men and women from within and outside of the faith communities in the Jewish and Christian traditions," according to Gail Riina, assistant director of Cornell United Religious Work.

The conference is sponsored by CURW, the Center for Religion, Ethics, and Social Policy, CURW's Thorp Lecture Series and the University Lectures Committee.

The keynote speaker will be Rosemary Radford Ruether, the Georgia Harkness Professor of Applied Theology at the Garrett-Evangelical Theological Seminary in Evanston, IL.

She will discuss the topic, "After the Feminist Critique of Christian Theology, What Can Be Reclaimed," at 7:30 p.m. Sunday, Oct. 27, in the auditorium of Anabel Taylor Hall. She will also be the speaker at the regular, 11 a.m. Sunday service in Sage Chapel.

The conference will open with a performance by the Body and Soul Dance and Drama Company at 7:30 p.m. Saturday, Oct. 26, in the auditorium of Anabel Taylor. A \$5 admission fee will be charged at the door. Also, the group will participate in Sunday's Sage Chapel Service.

Conference workshops, all of which are free and open to the public, will include topics such as women in Islam; men's awareness in spirituality; women and Jewish law; Religion, Feminism, and the Black Woman; and gay/lesbian spirituality.

Other highlights are lectures by prominent feminist theologians, including Kathy Green, a faculty member at the Reconstructionist Rabbinical College in Philadelphia. She will address the topic, "Many Hyphens-Reflections of an American-Jewish Feminist: Jerusalem Summer 1985," at noon Monday, Oct. 28, in the One World Room of Anabel Taylor Hall.

A complete conference schedule can be obtained at the main desk of Anabel Taylor Hall.



PHILIP ANDERSON

Nobel Laureate Will Deliver Bethe Lectures

Nobel laureate Philip W. Anderson of Princeton University will deliver this year's Bethe Lectures here next week. Professor Anderson received the Nobel prize in physics in 1977, along with Neville Mott of Cambridge and John H. Van Vleck of Harvard, for fundamental theoretical investigations of the electronic structure of magnetic and disordered systems.

His seminal work on disordered systems molded the way we now look at randomness and glassy behavior in solids. He has also done work in a wide range of other fields in condensed matter physics, including superconductivity, glasses, liquid helium and neutron stars, and he has recently become increasingly interested in biological systems. He will be on campus next week and the week of Jan. 27, 1986.

On Wednesday, Oct. 30, he will deliver a general public lecture on "The Politicization of Science" at 8 p.m. in Rockefeller A. He will also conduct two more specialized scientific colloquia. The first, entitled "Spin Glass: What Does Statistical Mechanics Have to Say to Computer Scientists?" will be held at 4:30 p.m. on Monday, October 28 in Rockefeller A. The second, "Localization of Classical Waves," scheduled for 4:30 p.m. Thursday, Oct. 31 in Clark 700.

Architect Dennis Will Deliver Thomas Memorial Lecture Series

Scholar-architect Michael Dennis will give a five-part series of public lectures on the origins of the modern city and the modern sense of privacy, beginning Oct. 27 at Cornell.

Dennis will base his talks — The Preston H. Thomas Memorial Lectures for 1985 — on his book, "Court and Garden: From the French Hotel to the City of Modern Architecture," which is to be published soon by The Massachusetts Institute of Technology Press and The Graham Foundation for Advanced Studies in the Fine Arts.

A professor of architecture at Harvard University since 1981, Dennis practiced architecture in the Ithaca area and was a member of the faculty of Cornell's College of Architecture, Art, and Planning from 1968 until 1981.

All five lectures will be given in Room 120 of Ives Hall at 5:30 p.m., with the exception of the opening lecture, which will be held Sunday, Oct. 27, at 4 p.m. in Ives 120. The

other lectures are scheduled for Wednesday, Oct. 30, Thursday, Oct. 31, Wednesday, Nov. 6, and Thursday, Nov. 7.

The opening lecture has the same title as Dennis' book. The topics of the remaining lectures are, respectively:

- On Decorum: the development of public space and ritual from Serlio to Marot;
- On Distribution: the development of private space and ritual from d'Aviler to Mariette;
- On Decoration: the relationship of type and style from Blondel to Krafft;
- On Democracy: the development of the egalitarian landscape between Le Camus and Le Corbusier.

The Preston Thomas Lectures are given annually through the Department of Architecture at Cornell with funds provided by Leonard and Ruth Thomas of Sennett, NY, in memory of their son, a former architecture student at Cornell.

Hotel School Graduates Get Starting Average of \$20,300

The average starting salary for 1985 graduates of Cornell's School of Hotel Administration hit an all-time high \$20,300 — a \$3,340 or 15 percent increase over the previous year.

The average salary is based on a survey completed by more than 60 percent of the 169 hotel students who received a bachelor's degree in 1985, according to Frederick H. Antil, the school's placement director.

The average starting salary for the 46 students who were graduated with master's degrees in 1985 was even higher — \$26,600, up \$4,600 or 21 percent from 1984.

"The higher salaries are attributable partially to the increasing number of companies

offering our students direct-placement opportunities, rather than the traditional 'management-trainee' positions," Antil said.

"Another interesting trend," he noted, "is the greater diversity of positions for which recruiters are seeking candidates, reflecting the breadth of Cornell's academic programs."

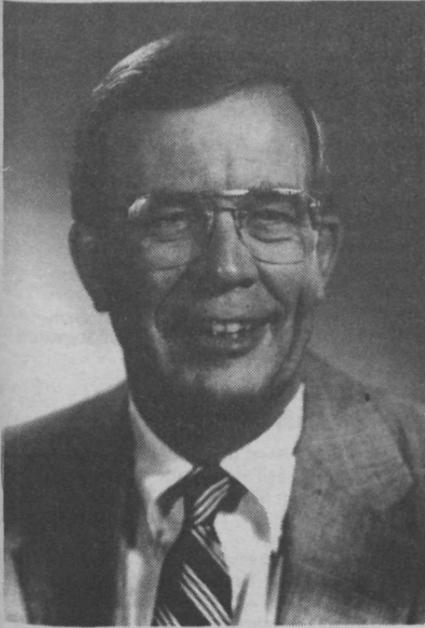
Most of the hotel school graduates continue to take jobs in the hospitality industry, according to Antil. However, each year an increasing number are taking corporate staff jobs and positions in other industries. These include jobs with supplier firms and in computer programming, Antil said.

James D. Hazzard, 1950 Graduate, Named Director of Alumni Affairs

James D. Hazzard, a 1950 graduate of Cornell and former president of Citation-Walther Corp., a diversified manufacturing company located in Grand Rapids, Mich., has been named director of alumni affairs at Cornell University.

Hazzard will assume his new post Nov. 4, according to Richard M. Ramin, vice president for public affairs. He succeeds Frank R. Clifford, who retired Aug. 30 after serving as alumni director for 18 years.

Ramin said, "Jim's extensive experience in marketing and leading a multi-faceted business will be an invaluable asset for the Department of Alumni Affairs. As director, Jim will be responsible for providing creative leadership in planning and directing general alumni involvement programs for Cornell."



JAMES D. HAZZARD

His duties will include setting goals and priorities for alumni activities, managing programs involving thousands of volunteers, and influencing alumni, administrations, and faculty to lead, support or participate in those programs. In addition, Jim will be responsible for developing and implementing a plan for alumni communications."

Currently there are more than 160,000 living alumni of Cornell. General alumni programs include the activities of 80 Cornell Clubs nationwide, 70 class organizations ranging from the Class of 1915 to the Class of 1985, and the Cornell Alumni Association. They involve major events such as reunion, homecoming, regional convocations, and the annual meetings of the Cornell Association of Class Officers and the Federation of Cornell Clubs.

Overall, the Department of Alumni Affairs is charged with enhancing and increasing the participation of alumni in University activities, Ramin explained. "I am asking Jim to undertake an assessment of current programs to build on existing strength, and to plan and develop programs that will meet the changing interests and needs of Cornell alumni. Two special focuses will be for the director and his staff to assist colleges and other special units to strengthen their alumni associations and to develop a comprehensive alumni communications plan. Jim's marketing, communications and organizational skills will contribute to continued strengthening and building of Cornell's programs."

A graduate of the College of Arts and Sciences, Hazzard majored in government. He was active in campus affairs as a student and was elected to the Red Key Society and Quill and Dagger, honorary societies for outstanding student leaders.

Hazzard joined the Citation Companies in 1967 as vice president of marketing, was elected a director in 1970, became president of its hardware group in 1975, and was elected president of the corporation in 1979.



Grounded, but not much longer before studying moves indoors.

Research Animals

Continued from Page 3

der observation for things they normally do," said Dr. Fred W. Quimby, a veterinarian and director of the Center for Research Animal Resources at Cornell.

For example, thousands of chickens are studied in the Department of Poultry and Avian Sciences to observe growth rate and egg production. In the Department of Animal Science, cattle, sheep, and swine are studied for milk production, weight gain, and fertility.

In nutritional studies, animals' diets are altered through the addition of potentially beneficial foods, rather than focusing on the denial of needed nutrients, according to Quimby, a veterinarian and a nationally recognized expert in the care and use of laboratory animals.

Many behavioral studies are conducted in the wild without capturing animals at all. Other animals are observed in facilities where every attempt is made to reproduce their native habitat. They include studies of monk parakeets in observation laboratories by scientists in Cornell's Section of Neurobiology and Behavior. Considered pests and once eradicated by state conservation authorities, the giant parakeets are studied for behavioral and reproductive traits. Findings may help South American agricultural officials control the birds, a serious threat to crops there.

In the Department of Psychology, a colony of canaries is maintained to study the hormonal and neural factors responsible for the learning of song. This research may lead to a better understanding of the development of language in young animals, including human infants.

Other animals temporarily lend a paw or claw to medical science on the way to becoming well. Samples of blood, drawn for other routine tests from dogs, are used — with the dog owners' consent — in ongoing studies into the cause of rheumatoid arthritis and systemic lupus erythematosus.

Injured wild birds lucky enough to reach the Avian Clinic at the New York State College of Veterinary medicine at Cornell are "teaching" researchers and students improved surgical techniques. Before their return to the wild, the birds are treated at the Avian Clinic and rehabilitated at the Laboratory of Ornithology's Avian Rehabilitation Center. Researchers are developing new techniques for saving endangered species such as bald eagles and peregrine falcons.

Animals held to donate tissues for cell and

tissue culture studies live a normal life until they are sacrificed, in a humane manner, Quimby emphasizes. Those that provide blood, as a source of antibodies, for example, feel the momentary pain of a needle, as do those that are anesthetized before surgery.

"A very small proportion — less than 1 percent — undoubtedly do experience pain and stress in the course of disease studies," Quimby said. As tumor cells develop into cancers, pain that cannot be entirely alleviated is inevitable.

Among animals deliberately given infectious diseases are woodchucks in a College of Veterinary Medicine study. The woodchucks, an animal model for hepatitis-B in humans, are helping medical researchers predict when liver cancer is likely to occur.

All laboratory animals used at Cornell are bred and raised specifically for that purpose, Quimby emphasized. They are not bought from "pounds," and certainly are not dog-napped, cat-napped, or obtained by any other illegal means, he said.

Some laboratory animals are purchased from licensed, commercial suppliers, but because much of the research conducted at Cornell requires pathogen-free animals — those that are absolutely free of disease-causing agents — many are bred in university facilities, where genetic background can be determined and antiseptic conditions can be guaranteed. Almost all dogs, cats, pigs, sheep, goats, cattle, hamsters, horses, chickens, and quail studied at Cornell are bred here, as are many rabbits and mice.

Chickens make up a large proportion of the animal population on Cornell's Ithaca campus, with some 11,000 in 1984. That same year, about 4,000 mice and 2,000 cattle were used in scientific research.

The largest category, however, is fish — at least 15,000 — primarily brook trout. Most of the trout are released into Adirondack Mountain lakes in an ongoing study of water quality.



Banned South African Journalist Will Speak Here About Apartheid

A lecture by Donald Woods, a white South African journalist who has been banned by order of his government, will be sponsored here by the Third World Student Programming Board at 8 p.m. Wednesday, Oct. 30, in the Memorial Room of Willard Straight Hall.

His topic will be "Apartheid and the Tragedy of South Africa." The following day he will visit classes.

Woods is former editor of South Africa's Daily Dispatch and author of the most widely syndicated column in South Africa. In October 1977, Woods was banned by government order and became a public "non-person" and "silent bystander." Plainclothes police kept him under surveillance and his conversations were bugged and his mail intercepted. He was barred from journalism and forbidden to write anything, even

... a private diary.

In 1977, he was also arrested and punished without legal process for publishing details of the killing of his friend — the young black leader Steve Biko — by officers by the State Security Police. Three months after his arrest, after personal attacks on members of his family by the State Security Police, he escaped with his wife and five children across the border into the black-ruled country of Lesotho.

In 1978, Woods finally reached London. He still lives in England and now works as a writer, broadcaster and lecturer on apartheid. He has been appointed director of Lincoln Trust, a foundation which supplies information about apartheid to the international media, and in 1985 was appointed special adviser to the 49-nation Commonwealth Secretariat in London.

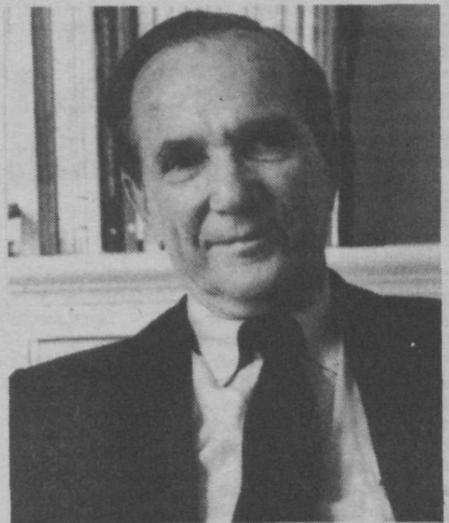
Journalist to Teach Course Here

Journalist and architecture critic Wolf Von Eckardt will teach a course here during the spring semester and will direct two international conferences, on city planning journalism and on the films of city planner Edmond Bacon '32.

Time magazine's design critic and creator of the "Cityscape" column for the Washington Post, Von Eckardt also has contributed to many other publications and is the author of six books.

Born in Berlin, Germany, Von Eckardt came to the United States in 1936 at 18 as a political refugee, and began his career as a graphic designer. His books include "A Place to Live: the Crisis of the Cities," "Back to the Drawing Board: Planning Livable Cities," and most recently, "Live the Good Life: Creating Human Community through the Arts." Currently he is working on "Oscar Wilde's London." A member of the Office of Special Services in World War II, he was responsible for helping to rebuild West Germany's newspapers in the post-Nazi era.

Titled "Urban Aesthetics", Von Eckardt's course at Cornell is co-sponsored by the Department of City and Regional Planning in the College of Architecture, Art, and Planning, the Art History Department, the Freshman Seminar Program and the Western Societies Program. Special weekly seminars for graduate students and interested faculty also will be offered. Themes of the course cover historical and current thought about the visual aspects of cities, and both technological and cultural influences on ur-



WOLF VON ECKARDT

ban design and planning.

"This is a wonderful opportunity for students in several areas of study," said Professor Sander Gilman, Western Societies director. "A teacher of Wolf Von Eckardt's professional stature is an inspiring educational experience."

According to Gilman, Von Eckardt is the first to hold the newly established position of resident European specialist in the Western Societies Program. He says that the program expects to bring similar experts to Cornell every year.

Calendar

October 1985						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

All items for publication in the Calendar sections, except for Seminar notices, must be submitted (typewritten, double spaced) by mail or in person to Fran Apgar, Central Reservations, 531 Willard Straight Hall at least 10 days prior to publication. Seminar notices should go to the Chronicle office, 110 Day Hall. 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, colloquia, etc.) ALL DEADLINES WILL BE STRICTLY ENFORCED.
*—Admission charged.

Announcements

Personal Growth Workshops
A second series of Personal Growth Workshops will begin the week of Oct. 28. Topics include Assertiveness, Building Self Esteem, Building Satisfying Relationships, Stress Management, General Personal Growth and Women, Food and Self-Esteem. There will also be an advanced group for participants who have already attended a Women, Food and Self-Esteem group (Women, Food and Self-Esteem II). All workshops are free and confidential and emphasize building skills. They are short term. Open to everyone in the Cornell community. Signups begin Oct. 17. For more information or to sign up, please stop by 102 Barnes Hall or call 256-3608.

Every Thursday
Goldwin Smith Kaufmann Auditorium, 5 p.m. Cornell Coalition for Divestment general meeting. All welcome.

Writing Workshop
Writing Workshop Walk-in Service. Free tutorial instruction in writing. Mon.-Thurs., 3:30-6 & 7:30-10 p.m.; Sun. 3-8 p.m. 174 Rockefeller Hall and Sun.-Thurs. 9-11 p.m. in 340 Goldwin Smith Hall.

Medieval Manuscripts
Information is currently being sought on the presence of medieval manuscripts in private collections in the Ithaca area for the purpose of compiling a census. If you own a medieval manuscript or a page from a manuscript, please contact: Professor R.G. Calkins, Department of the History of Art, Goldwin Smith 35, Cornell University. Identity of owners will remain completely confidential.

Intramural Swimming (Men, Women)
Deadline on entries is Wed., Oct. 30 at 4 p.m. in the Intramural Office, Helen Newman Hall. Trials/Finals for the following events will be held on Mon., Nov. 4 at 5 p.m. in the Teagle Hall Pool:
1. 200 Yard Medley Relay
2. 50 Yard Freestyle
3. 50 Yard Backstroke
4. 50 Yard Breaststroke
5. 100 Yard Freestyle

Trials/Finals for the following events will be held on Wed., Nov. 6 at 5 p.m. in the Teagle Hall Pool:
1. 50 Yard Fly
2. 100 Yard Individual Medley
3. Fancy Diving
4. 200 Freestyle Relay
1. Each team may enter no more than 2 individuals in any individual event.
2. Each individual may enter up to 3 events but no more than 2 of these may be individual events. Example: a. 2 individual events
b. 2 individual events and 1 relay
c. 1 individual event and 2 relays
3. Each team may enter no more than 1 team in each relay.

Alternatives Library
Musical alternatives. Cassettes on loan at the Alternatives Library, Anabel Taylor Hall. Free and open to the public.

Asian Studies
The Department of Asian Studies/South Asia Program are sponsoring an informational discussion session on study abroad programs in South Asia for interested undergraduates. Come talk with other students who have studied in South Asia. Wed., Oct. 30 at 4:30 p.m., Lounge, 374 Rockefeller Hall.

Dance

Friday
Oct. 25, 8 p.m. *Statler Auditorium. Cornell Dance Series presents Hannah Kahn Dance Company.

Cornell Folkdancers
The Cornell Folkdancers are sponsoring a weekend workshop of Bulgarian Folkdances and Folksongs taught by Jaap Leegwater, Oct. 26 and 27 in the Willard Straight Memorial Room. Program: Sat., Oct. 25, 10 a.m.-12 noon—Teaching; 2-4 p.m.—Teaching.

An International folkdance party will be held in Martha Van Rensselaer Auditorium from 8 p.m. till midnight featuring request dancing, review of workshop dances and songs, a brief talk about Bulgarian Culture and a movie, live music and refreshments.

Sun., Oct. 27, 11 a.m.-1 p.m. Teaching. Straight Memorial Room. Everyone is invited. No partners are needed. For information call 257-3156 or come to a get acquainted party on Fri., Oct. 25 in Willard Straight North Room 8 p.m.

Exhibits

Herbert F. Johnson Museum
"Urban Visions: The Paintings of Ralph Fasanella" through Nov. 10. "From the tree where the bark grows": North American Basket Treasures



Photo by Lois Greenfield

The Hannah Kahn Dance Company will perform at 8 p.m. Friday, Oct. 25, in Statler Auditorium as part of the Homecoming Celebration of the Cornell Dance Series. Hannah Kahn is the daughter of Prof. Alfred Kahn and Mary Kahn. Her company is in New York City since its formation in 1977. Tickets may be purchased at the door. For information call 256-2360 from 9 a.m. to noon daily.

from the Peabody Museum, Harvard University" through Oct. 27. "Teionkwahontasen: Basketmaker of Akwesasne" through Oct. 27.

Films

Unless otherwise noted films are sponsored by Cornell Cinema.

Thursday
Oct. 24, 12:20 p.m. Warren Hall 32. Rural Sociology 104. Proseminar: Issues and Policies in Rural Sociology: "Looking for Organic America." This film allows audience to tour world's largest feedlot and egg ranch and juxtaposes their "economies of scale" with organic family farms. Some of the latter turn out to be extensive operations, and the contrast is really not in size but approach.

Oct. 24, 8 p.m. *Uris Hall Auditorium. "The Green Wall" (1982), directed by Armando Robles Gody, documentary. Co-sponsored by The Spanish Language House.

Friday
Oct. 25, 8 p.m. *Anabel Taylor Auditorium. "Brief Encounter" (1946), directed by David Lean, with Celia Johnson and Trevor Howard.

Oct. 25, 10 p.m. *Uris Hall Auditorium. "Stop Making Sense" (1984), directed by Jonathon Demme with The Talking Heads.

Oct. 25, 12 mid. *Uris Hall Auditorium. "Stop Making Sense."

Saturday
Oct. 26, 7:30 & midnight *Statler. "Stop Making Sense."

Oct. 26, 7:30 & 9:45 p.m. *Uris Hall Auditorium. "A Nos Amours" (1983), directed by Maurice Pialat, with Maurice Pialat, Sandrine Bonnaire, and Evelyne Kerr.

Oct. 26, 10 p.m. *Statler. "Rope" (1948), directed by Alfred Hitchcock with James Stewart, John Dall, and Farley Granger.

Sunday
Oct. 27, 2 p.m. Johnson Museum. "The Case of Marcel Duchamp. Co-sponsored by CCPA.

Oct. 27, 8 p.m. *Uris Hall Auditorium. "The Story of Adele H." (1975), directed by Francois Truffaut, with Isabelle Adjani and Bruce Robinson.

Monday
Oct. 28, 7 p.m. *Uris Hall Auditorium. "Top Hat" (1935), directed by Mark Sandrich, with Fred Astaire and Ginger Rogers. Co-sponsored by English 108.

Oct. 29, 9 p.m. *Uris Hall Auditorium. "Macunaima" (1971), directed by Joaquim Pedro de Andrade with Grande Otelo, Paulo Jose and Milton Gonçalves. Limited to Film Club Members only.

Tuesday
Oct. 29, 4:30 p.m. Uris Library Media Center, room 310. Southeast Asia Program Film Series: "Rice." Stresses the importance of rice as the staple food of so much of Asia. "Mekong" an optimistic appraisal of the potential benefits of the plans to develop the Mekong River through international cooperation.

Oct. 29, 8 p.m. *Uris Hall Auditorium. "Harlan County, USA" (1976), directed by Barbara Kopple, documentary. Shown with "Black Fury" (1935), directed by Michael Curtiz with Paul Muni and Akim Tamiroff. Co-sponsored by Johnson Museum and ILR School.

Wednesday
Oct. 30, 8 p.m. *Uris Hall Auditorium. "A Man Like Eva" (1983), directed by Radu Gabrea with Eva Mattes. Co-sponsored by the Cornell Men's Network.

Thursday
Oct. 31, 12:20 p.m. Warren Hall 32. Rural Sociology 104. Proseminar: Issues and Policies in Rural Sociology. "People's Communes": explains the organization of communes in China. Visits three of them in different parts of the country and shows the type of work done by the people, how they live, and how the commune is governed.

Oct. 31, 8 p.m. & 12 mid. *Uris Hall Auditorium. "Ghostbusters" (1984), directed by Harold Reitman, with Dan Akroyd and Bill Murray.

Friday
Nov. 1, 10:15 p.m. *Uris Hall Auditorium. "Ghostbusters."

Saturday
Nov. 2, 7:30 & 10 p.m. *Uris Hall Auditorium. "Ghostbusters."

Lectures

Thursday
Oct. 24, 12:20 p.m. 102 West Ave. Ext. Southeast Asia Program Lecture by Tony Day, Department of Indonesian and Malayan Studies, University of Sydney, Australia. Topic to be announced.

Oct. 24, 5:30 p.m. 115 Tjaden. Architectue Lecture, Christopher Tadgell.

Friday
Oct. 25, 12:15 p.m. Uris 360. Western Societies Program: "How to Abandon a Child in Old-Regime France," Nan Karwan, Visting Fellow, Western Societies Program.

Oct. 25, 12:15 p.m. Africana Studies and Research Center, 310 Triphammer Road. Africana Roundtable: "How Not to do African Philosophy," Anthony Appiah, Fellow, Society for the Humanities.

Oct. 25, 7:30 p.m. Goldwin Smith Kaufmann Auditorium. "Ethics of the Use of Animals in Research and Experimentation," Ingrid Newkirk, National Director of People for the Ethical Treatment of Animals.

Oct. 25, 8 p.m. Bailey Auditorium. "A View From the Kremlin: a Soviet Perspective of Current Events in World Affairs," Arkady Shevchenko, Bartels World Affairs Lecturer. Sponsored by the Center for International Studies in cooperation with the Committee on Soviet Studies.

Sunday
Oct. 27, 4 p.m. Ives 120. The Preston H. Thomas Memorial Lecture Series: "Court and Garden, From the French Hotel to the City of Modern Architecture," Michael Dennis.

Monday
Oct. 28, 4:30 p.m. Goldwin Smith 177. "The Silence of Isaak Babel," Professor Efraim Sicher, Department of Russian, University of Negev, Beer Sheva, Israel. Sponsored by the Committee on Soviet Studies and the Department of Russian Literature.

Oct. 28, 4:30 p.m. Goldwin Smith Hollis E. Cornell Auditorium. "The Female Body and the Social Construction of Sexuality," Carole Vance, Associate Research Scientist, Columbia University School of Public Health. Sponsored by Women's Studies Program and the Department of Human Service Studies.

Oct. 28, 7:30 p.m. Anabel Taylor One World Room. America and World Community. "The Blind Misleading the Blind" (Soviet and American Misconception of Nuclear War), Richard Ned Lebow, Professor of Government and Director of Peace Studies.

Tuesday
Oct. 29, 4:30 p.m. Goldwin Smith 177. "The Arrival of Dionysus: A Revolutionary Myth," Professor Burghard Dedner, Visiting Professor, University of Massachusetts. Sponsored by the Departments of German and Comparative Literature.

Oct. 29, 4:30 p.m. Goldwin Smith 164. Renaissance Colloquium: "Being Nothing: Kings, Mirrors and Subjects in Shakespeare's Richard II," Sandor Goodhart, Writing Workshops, Cornell.

Wednesday
Oct. 30, 12:15 p.m. Goldwin Smith 177. "West German Parties and Their Politics," Dr. Irmgard Adam-Schwaetzer, Freie Demokratische Partei Deutschlands and the Green Party, Federal Republic of Germany. Brown bag lunch sponsored by International Political Economy.

Oct. 30, 3-5 p.m. Olin Library 214. Government Documents Seminar. Olin Library's Reference Department is offering a seminar on the use, organization and location of U.S. government publications. For more information, or to register, stop by the Reference Desk or call 256-3319.

Oct. 30, 5:30 p.m. Ives 120. The Preston H.

Thomas Memorial Lecture Series #2: "On Decorum, The development of public space and ritual from Serlio to Marot," Michael Dennis.

Oct. 30, 7:30p.m. Rockefeller Hall. American and World Community: "The Politicizing of Science," Professor Philip Anderson, Professor of Physics, Princeton University.

Thursday
Oct. 31, 12:20 p.m. 102 West Ave. Ext. Southeast Asia Program: "Angling Darma: Southeast Asian Images of Language vs. Our Images of Southeast Asian Languages," A.L. Becker, Professor of Linguistics, University of Michigan.

Oct. 31, 5:30 p.m. Ives 120. The Preston H. Thomas Memorial Lecture Series Part 3: "On Distribution, the development of private space and ritual from d'Avillier to Mariette," Michael Dennis.

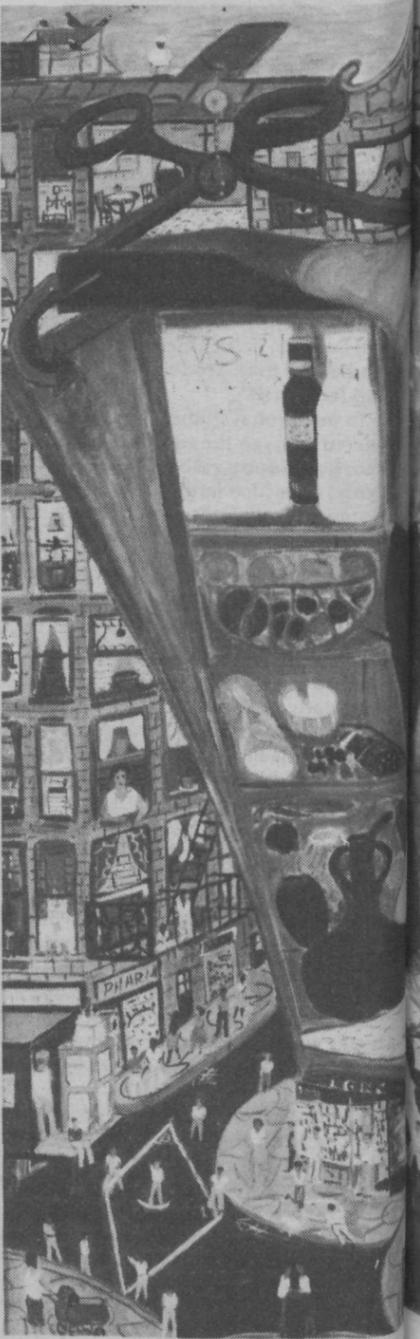
Oct. 31, 8:15 p.m. Anabel Taylor Founders Room. Cornell Graduate Christian Forum: "Social Justice and the Mass Media," Clifford Christians.

Friday
Nov. 1, 12:15 p.m. Africana Studies and Research Center, Hoyt W. Fuller Room, 310 Triphammer Rd. Africana Roundtable: "From Amos n' Andy to Bill Cosby and Back: The Black Image in the Media," William Branch, visiting Professor, Africana Studies and Research Center.

Music

Band to Present First Concert
The Cornell Symphonic Band will present its first concert of the season in Bailey Hall at 4 p.m. Sunday, Oct. 27. The public is invited to attend free of charge.

Under the baton of long-time director, Prof. Marice Stith, the band will open the program with arrangements of Richard Wagner's Huldigungsmarsch and Leonard Bernstein's Di-



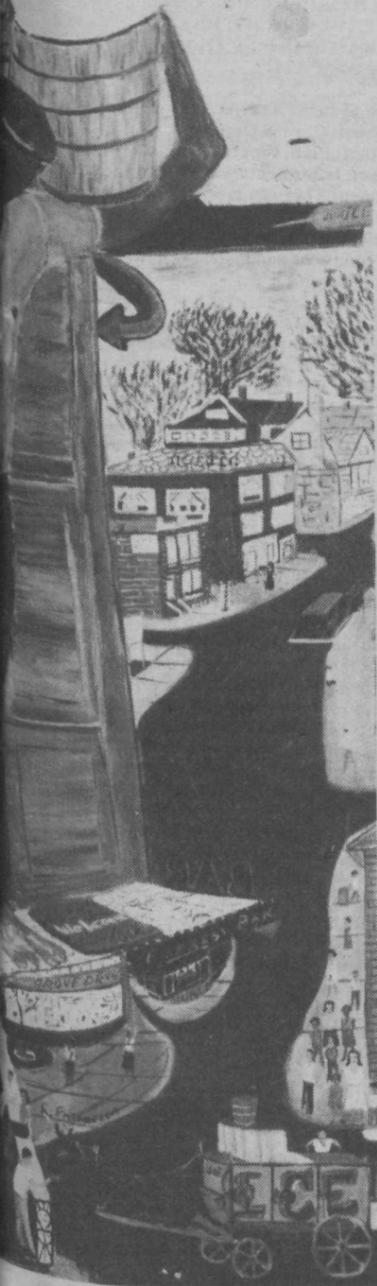
"Iceman Crucified," a 1958 work. Paintings of Ralph Fasanella, at the Nov. 10. The show, organized by the museum, will tour nationally and feature paintings, most of them large in scale, of urban workers and their families. In 1914, the son of Italian immigrants, art as an outlet for his energy.

November	1985					
S	M	T	W	T	F	S
				1	2	
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

...mento. The ensemble will also play arrangements for band of a Cossack Dance by Ousianikov and Mort Glosser March by Steve Al...
 William Bradbury, graduate assistant conductor, will direct the performance of the final movement of Serge Prokofiev's Symphony No. 5. The Symphonic Band's concert includes Century Tower Overture by James Barnes, Youth Triumphant Overture by Henry Hadley and Flou... by W. Francis McBeth.
 The Symphonic Band numbers 100 instruments and includes Cornell students from most of colleges and disciplines within the University.

Fortepianist Plans Concert
 Trevor Stephenson, fortepianist, will give a free public recital in Barnes Hall, Cornell University, on Tuesday, Oct. 29 at 8:15 p.m.
 Stephenson will perform the Fantasy in C minor, K. 475, and Sonata in D Major, K. 311, both by Mozart. The third work on the program is Haydn's Trio in A-flat Major, in which the pianist will be joined by Margaret Gries, violin, and Sara Bergerton, cello.
 Stephenson is a teaching assistant in piano at Cornell. A graduate of the Universities of Missouri and Illinois, he is studying for his doctorate with Cornell's Professor Malcolm Bilson.

Every Sunday
 Anabel Taylor Edwards Room, 9 p.m. Sing with the "Makhela: Hebrew Choir."
Thursday
 Oct. 24, 8:15 p.m. *Statler Auditorium. Faculty Committee on Music Concert. Kalichstein Laredo Robinson Trio. Works of Heydn, Mendelssohn, Beethoven.
Friday
 Oct. 25, 8:15 p.m. Barnes Hall. Cornell Contemporary Ensemble directed by Fred Cohen.
Saturday
 Oct. 26, 8:15 p.m. *Sage Chapel. Homecoming



...the exhibition Urban Visions: The Johnson Museum of Art through McAvoy, assistant to the director of ... here. Featured are 35 ... that reveal the lives and struggles ... was born in Greenwich Village in ... labor organizer before he turned to



Gerard Schwarz will conduct the Mostly Mozart Festival Orchestra when it performs at Bailey Hall at 8:15 p.m. Friday, Nov. 1. Information about tickets is available at 256-5144.

Concert. Cornell University Glee Club conducted by Byron Adams. Works of Palestrina, Mozart, Vaughn Williams, Elgar, Adams; Cornell songs.
Sunday
 Oct. 27, 4 p.m. Barnes Hall. Cornell Symphonic Band conducted by Marice Stith. Works of Bernstein, Prokofiev, Wagner, others.
 Oct. 27, 8-11 p.m. Anabel Taylor Commons Coffeehouse. Bound for Glory broadcast live on WVBR FM 93. Gemini. A pair of identical twins hailing from Michigan, whose voices meld in beautiful harmonies spiced with sly good humor.
Tuesday
 Oct. 29, 8:15 p.m. Barnes Hall. Student Chamber Music Recital: Trevor Stephenson, fortepiano; assisting instrumentalists. Works of Haydn, Beethoven.
Wednesday
 Oct. 30, 8:15 p.m. Barnes Hall. Song Recital: Max van Egmond, baritone; Malcolm Bilson, fortepiano. Schubert's "Die schone Mullerin."
Thursday
 Oct. 31, 8:15 p.m. *Anabel Taylor Auditorium. New Music Network Concert: "Western Wind."
Friday
 Nov. 1, 8:15 p.m. *Bailey Auditorium. Faculty Committee on Music Concert: Mostly Mozart Festival Orchestra, Gerard Schwartz conducting. All-Mozart program.
 Nov. 1, 8:15 p.m. *Statler Auditorium. New Music Network Concert: "The Art Ensemble of Chicago."
Saturday
 Nov. 2, 2 p.m. *Herbert F. Johnson Museum. New Music Network Concert: "Lytle, Cartwright, Marclay & Moss (Meltable Snaps It) and Continuum."
 Nov. 2, 8:15 p.m. *Barnes Hall. Robert Ashley Concert: Songs from Atlanta. New Music Network.
 Nov. 2, 8:30 p.m. *Statler Auditorium. Cornell Folksong Club presents Gordon Bok, singer of traditional and contemporary sea songs and ballads. Tickets available at the Commons Coffeehouse in Anabel Taylor, Rebob Records, Ithaca Guitar Works.
Sunday
 Nov. 3, 2 p.m. *Herbert F. Johnson Museum. New Music Network Concert: Robert Dick and Jane Ira Bloom.
 Nov. 3, 4 p.m. Barnes Hall. Cornell Collegium Musicum directed by John Hsu. Works of Thomas Tallis (d.1585) and his contemporaries.
 Nov. 3, 8:15 p.m. *Barnes Hall. New Music Network Concert: Alan Feinberg and Cecil Taylor.
New Music Network Concerts
 Advance tickets and a limited number of series tickets (\$15) will be available at the Theatre Cornell ticket office in Willard Straight, Rebob Records, and Ithaca Guitar Works. If available, tickets may also be purchased at the door.

Religious Events

Thursday
 Oct. 24, 4:30 p.m. Anabel Taylor G-34. Women's Minyan Meeting.
Tuesday
 Oct. 29, 8 p.m. Anabel Taylor 314. Basic Judaism.

Religious Services

Oct. 27, 11 a.m. Sage Chapel. Sage Chapel Preacher: Rosemary Ruether, Harkness Professor of Applied Theology, Garrett Theological Seminary.
Sunday
 Nov. 3, 11 a.m. Sage Chapel. Sage Chapel Preacher: Mary Francis McDonald, Dominican nun,

Professor of Church History, Maryknoll Theological Seminary.

Seminars

Seminar notices, unlike other calendar notices, do NOT go to Central Reservations in Willard Straight, but should be delivered to the Chronicle office, 110 Day Hall, in writing by noon Friday before publication. Each notice can be run only once, so on Thursday events please note whether you wish it published the day of the event or the week before. Please include the name and telephone number of someone who can be reached if there are questions.

Agronomy: "Intensive Management of Winter Wheat," William J. Cox, assistant professor, 4 p.m. Tuesday, Oct. 29, 135 Emerson.
Applied Mathematics: "The Vertex Packing Polytope and Matroids," Laszlo Lovasc, A.D. White Professor-at-Large, Eotvos L. University, Hungary, 4 p.m. Friday, Oct. 25, 165 Olin.
Archaeology: "Chincha Valley Project 1985," Prof. Craig Morris, Anthropology, 4:40 p.m. Thursday, Oct. 31, 305 McGraw.
Astronomy: "A High Performance Optical/IR 3.5-m Telescope" Bruce Balick, University of Washington, noon Friday, Oct. 25, 415 Space Sciences.
Astronomy: "Coherence Technics for Radio Astronomy," Linda DeNoyer, Cornell, 4:30 p.m. Thursday, Oct. 31, 105 Space Sciences.
Biophysics: "Effects of Divalent Cations on Glutamate-Activated Channels," Linda Nowak, Pharmacology, Cornell, 4:30 p.m. Wednesday, Oct. 30, 700 Clark.
Boyce Thompson: "Solute Interactions with Enzymes Under Water Stress," G. Wyn Jones, Center for Arid Zone Studies, University College of North Wales, 3:15 p.m. Wednesday, Oct. 30, BTI Auditorium.
Chemical Engineering: "Nucleation and Growth of Floes in Dilute Dispersions," Prof. Rishi Raj, Materials Science and Engineering, Cornell, 4:15 p.m. Tuesday, Oct. 29, 145(A) Olin.
Chemistry (Organic): "Total Synthesis of Two Architecturally Novel Natural Products," A most Smith III, University of Pennsylvania, 4:40 p.m. Monday, Oct. 28, 119 Baker Lab.
China-Japan Program: "The Social Consequences of China's Economic Reforms," Wang Luo-Lin, political economist and vice president of Xiamen University, People's Republic of China, with Edward Gunn, modern Chinese literature; Victor Nee, sociology, and Vivienne Shue, government, all of Cornell; moderated by Sherman Cochran, professor of modern Chinese history and director of the China-Japan Program, Cornell, and with Mark Selden, professor of sociology, SUNY Binghamton as discussant, 4 p.m. Thursday, Oct. 31, 374 Rockefeller Hall.
Ecology and Systematics: Title TBA, Dr. Fakhari A. Bazzaz, Organismic & Evolutionary Biology, Harvard, 4:30 p.m. Wednesday, Oct. 30, Morison Seminar Room, Corson/Mudd Hall.
Ethnic Studies: "Recent Research on the Status of Black Americans," Robin M. Williams Jr., Henry Scarborough Professor of Social Science, 3:30 p.m. Wednesday, Oct. 30, 153 Uris.
Floriculture and Ornamental Horticulture: "Urban Vegetation Islands," Rick Manning, Landscape Architecture graduate student, 12:15 p.m. Thursday, Oct. 31, 37 Plant Science.
Food Science: "Use of Bound Enzymes in Food Processing; Experience with Glucose Isomerase," D. Clark, Chemical Engineering, Cornell, 4:30 p.m. Tuesday, Oct. 29, 204 Stocking.
Genetics and Development: "Plant Transposable Elements and the Generation of Evolutionary Novelty," E. Coen, John Innes Institute, Department of Genetics, Norwich, England, 3 p.m. Thursday, Oct. 24, 135 Emerson.
Geology: "Crustal Structure Beneath Selected Mountain Belts from Geometry," Dave Snyder, 4:30 p.m. Thursday, Oct. 31, 1120 Snee.
History and Philosophy of Science and Technology: "Empiricism Regnant: American Theoretical Physics, 1920-1950," Prof. Silvan Schweber, Physics, Brandeis University, 4:35 p.m. Wednesday, Oct. 30, 165 McGraw.
International Nutrition: "Nutrition in 'The Third World Village,'" Dr. Madhan Gautam, senior nutrition officer, Agricultural Projects Service Center, Kathmandu, Nepal, and visiting fellow in International Nutrition, 12:40 p.m. Thursday, Oct. 24, 130 Savage.
International Nutrition: "Community Wells and Sociological Change in a Liberian Village," Donald Mueller, Nutritional Sciences, 12:40 p.m. Thursday, Oct. 31, 130 Savage.
International Studies: "Breaking with Moscow: Revelations of a Soviet Diplomat," Arkady Shevchenko, Bartels World Affairs Lecturer, 4:30 p.m. Thursday, Oct. 24, 701 Clark Hall.
International Studies: "The Making of Soviet Foreign Policy: An Insider's View," Arkady Shevchenko, Bartels World Affairs Lecturer, 10 a.m. Friday, Oct. 25, 202 Clark Hall.
Jugatae: "The Relationships Between Colony Population, Honey Production, and Foraging in Colonies of Apis Mellifera," Francis Ratnieks, graduate student, Entomology, Cornell, 4 p.m. Monday, Oct. 28, Morison Seminar Room, Corson/Mudd Halls.
Material Science and Engineering: "Probability Model for Time Dependent Failure of Composite Materials: A Ten-Year Conjecture Finally Proven," S.L. Phoenix, Cornell, 4:30 p.m. Thursday, Oct. 31, 140 Bard.
Mechanical and Aerospace Engineering: 4:30 p.m. Tuesday, Oct. 29, 282 Grumman. "Structure of the Vorticity Field in Turbulent Shear Flows," Parviz Moin, NASA Ames.
Natural Resources: "The Environment: Our Relationship and Responsibilities to Other Spe-

cies," Ingrid Newkirk, national director, People for Ethical Treatment of Animals, 12:20 p.m. Friday, Oct. 25, 304 Fernow.
Ornithology: "The Brush Goes Birding," Sherry Nelson, The Magic Brush Inc., two-part lecture/demonstration with break at 9 p.m., 7:45 p.m. Monday, Oct. 28, Laboratory of Ornithology, 159 Sapsucker Woods Road.
Pharmacology: "Mechanisms by Which Somatostatin Inhibits Hormone Release," Agnes Schonbrunn, Harvard School of Public Health, Boston, 4:30 p.m. Monday, Oct. 28, D-105 Schurman Hall.
Physiology: "The Effect of Chemical Sympathectomy in the Fetal Lamb," Dr. Geoffrey Thornburn, Physiology, Monash University, Australia, 4:30 p.m. Tuesday, Oct. 29, G-3 Veterinary Research Tower.
Plant Biology: "Abscisic Acid Metabolism in Relation to Water Stress," Katrina Cornish, Plant Biology, Cornell, 11:15 a.m. Friday, Oct. 25, 404 Plant Science.
Plant Pathology: "Studies on Foliar Necrosis of Chrysanthemum Morifolium," Robert McGovern, 4:30 p.m. Tuesday, Oct. 29, 404 Plant Science.
Plasma Studies: "Magnetospheric Whisler Emission: Sounds of the Aurora," Dr. Kim Molvig, Massachusetts Institute of Technology, 4:30 p.m. Wednesday, Oct. 30, 282 Grumman.
Pomology/Vegetable Crops: "Growth, Tissue Element Composition and Cold Hardiness of Chardonnay Grape Vines as Affected by Root Stock and Nitrogen Level," Tony K. Wolf, graduate student, Department of Horticultural Sciences, NYS Agricultural Experiment Station, Geneva, 4:30 p.m. Thursday, Oct. 31, 404 Plant Science.

Theatre

Thurs.-Sat.
 Oct. 24-26, 8 p.m. *Willard Straight Theatre; Theatre Cornellpresents "The Trials of Brother Jero" and "Jero's Metamorphosis" directed by David Feldshuh. Season subscriptions are available now. Prices range from \$14 to \$21. For information please call 256-5165.

Graduate Bulletin

The deadline for dropping courses and changing the grade option is Oct. 25. After that date, a special petition will be required for adds, drops, or changes of any kind, in addition to the \$10 late processing fee.
 Approaching fellowship deadlines are listed below. Information on these and other fellowships and awards is available in the Fellowship Office, 116 Sage Graduate Center or in your graduate faculty representative's office.
 Nov. 4, 1985: DAAD Fellowships/Graduate Exchange Fellowships to Heidelberg and Goettingen. Applications are being accepted by Professor Herbert Deinert, 288 Goldwin Smith Hall (6-5265). DAAD Fellowships carry tuition and fees, a monthly stipend and round-trip air transportation. Fellowships enable students to study at a West German university or to work abroad on a research project. Exchange fellowships carry tuition and fees plus monthly stipends. Students must arrange for their own transportation. Awards restricted to students interested in full-time study at either university. Graduate students from all academic units of the university are invited to apply.
 Nov. 12, 1985: Woodrow Wilson Women's Studies Research Grant for Doctoral Candidates. To encourage original significant research about women; women's role in society, and other related issues. Students in doctoral programs who have completed all predissertation requirements in any field of study at graduate schools in the U.S. are eligible. Winners will receive grants averaging \$1,000 to be used for research expenses connected with the dissertation.

Barton Blotter

Five bicycles valued at a total of \$919 were stolen on campus during the week of Oct. 14 through 20, according to the morning reports of the Department of Public Safety. It was the largest number of bicycles taken over a seven-day period in more than a year.
 In all there were 19 thefts reported during the same period totaling \$3,160 in loss of cash and valuables. These included the theft of various items and cash totaling \$1,189 from Room 12 of Stocking Hall: a camera, calculator, computer printer and \$4 in cash. In addition a balance valued at \$269.10 was reported taken from Room 321 of Stocking Hall.
 Five fire extinguishers valued at a total of \$145 were reported stolen from two fraternity houses and a dormitory. Other thefts included \$185 in cash from a wallet taken from the vicinity of Garden Avenue and \$259.25 in cash taken from a vending machine in Martha Van Rensselaer Hall.
 Two students were referred to Ithaca City Court on charges of burglary, possession of stolen property, and possession of burglary tools, after being apprehended in Room 111 of Martha Van Rensselaer Hall.
 Two other students were referred to the Judicial Administrator on separate charges of harassment in unrelated incidents.
 Nearly \$500 in damage resulted from painting the words "Divest" with red spray paint on the Theatre Arts sign located near Campus Road and on a concrete ledge at the side of Uris Library.

Number 42

Cornell University

**University Personnel Services
Day Hall
Ithaca, New York 14853
607/256-5826**

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 at 256-6200 or Computer Services.

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

October 24, 1985

Apply by November 1, 1985, to Cynthia Smithbower.

Job Number: PT417

Position: Executive Staff Assistant I
Department: Public Affairs—CU Council
Description: Provide assistance to the Associate Executive Director. Responsibilities include carrying out plans for organization, implementation and production of the Council's annual meeting; draft correspondence; edit reports; attend meetings; maintain department accounts; help with activities of Council Administrative Board and other Council committees; act as liaison with alumni and other council staff; handle special projects as assigned.

Requirements: Bachelor's degree or equivalent. At least one to three years office experience. Excellent organizational, interpersonal, communication and supervisory skills essential. Accounting and budgeting knowledge. Experience with micro computer strongly preferred. Ability to work independently. Familiarity with Cornell's policies and procedures. Please send cover letter and resume to Esther L. Smith by October 28, 1985.

Minimum Starting Salary: \$14,170
Job Number: PC415

Position: Research Support Aide
Department: Entomology
Description: Provide research support to medical entomology program to include planning, preparation, conducting, and analysis of experimental projects dealing with biting flies, particularly mosquitoes and black flies. Also, a portion of the job will involve working with selected fly-transmitted pathogens such as filarial worms, and hemsporidial protozoa.

Requirements: Bachelor's degree with major in biological sciences; coursework in chemistry and entomology desired. Two years experience in rearing and maintaining cultures of mosquitoes and black flies; experience in handling filarial and/or protozoal pathogens in the lab; proficiency in operation of standard lab equipment and cryopreservation techniques; field experience in collecting and identifying biting flies, particularly black flies and mosquitoes. Please send cover letter and resume to Cynthia Smithbower.

Minimum Starting Salary: \$13,625
Job Number: PT414

Position: Dining Manager (Repost)
Department: Cornell Dining
Description: Coordinate campus-wide Nutritional Awareness program and manage an independent dining unit.

Requirements: Bachelor's degree or equivalent and certified Dietician (American Dietician Association). Two to three years experience as dietician and dining manager required. Teaching experience desirable. Please send cover letter and resume to Ralph D. Jones by October 31, 1985.
Job Number: PA263

Position: Systems Analyst III (Repost)
Department: Cornell Dining
Description: Plan, supervise and coordinate the development, implementation and maintenance of the department's Management Information System.

Requirements: Bachelor's degree or equivalent. Extensive computer and systems knowledge including considerable experience in implementation of major system is essential. Must be able to program in Basic plus one other high-level language. Knowledge of interactive administrative systems preferred. Familiarity with the Honeywell DP6 mini computer and IBM PC helpful. Background in the food service industry desired. Please send cover letter and resume to Cynthia Smithbower.
Job Number: PT203

Position: Senior Systems Programmer (Repost)
Department: Theory Center
Description: Provide, under general supervision, systems support to an advanced graphics laboratory. Primary responsibility will be participation in the development of a UNIX-based scientific workstation to be used in conjunction with the Cornell supercomputer facility. Will design, implement, and evaluate low-level software such as kernel modifications, device drivers, and distributed processing communication protocols. Opportunity to work on higher level software.

Requirements: Bachelor's degree or equivalent with related computer courses. Three to five years experience. Strong background in UNIX, C, and Assembler. Please send cover letter and resume to Cynthia Smithbower.
Job Number: PT124

Position: Senior Technical Consultant (Repost)
Department: Computer Services - Academic Computing

Description: Provide teaching and consulting support for statistical computing applications. Consult on the use of statistical methods; help users interpret statistical results. Diagnose problems users may have with hardware and software; help users select hardware and software configurations that are suitable for their data analysis needs.

Requirements: Master's degree in statistics or related area or equivalent. Extensive coursework and/or experience applying statistical methods to social science research applications preferred. Programming experience to include at least one high level language; expertise in a variety of mainframe and microcomputer statistics packages; proficiency in CMS, MVS, and DOS. Please send cover letter and resume to Cynthia Smithbower.
Job Number: PT317

Clerical

Current Cornell employees should submit an employee transfer application, resume and cover letter. Outside applicants for clerical positions should submit an employment application, resume and take a Cornell University typing test (please

Please Post

Job Opportunities

Cornell University is an equal opportunity, affirmative action employer.

Administrative/Professional

The minimum salaries listed are for recruitment purposes only.

***Position:** Administrative Manager II
Department: Center for Applied Mathematics - Mathematical Sciences Institute
Description: Provide administrative support to Director of Mathematical Sciences Institute; establish and implement financial management system including account and impact analysis; oversee all academic appointments; organize workshops and conferences; coordinate visits by government officials to Institute; prepare proposals and participate in negotiations with government agencies; develop management data files for reports; participate in planning as required; supervise secretarial support staff.

Requirements: Bachelor's degree in mathematics or engineering highly desirable; Master's degree in business preferred. Experience with computers with knowledge of programming. 3 to 5 years experience in budgeting and general financial management; background in fund accounting and sponsored research essential. Please send cover letter and resume to Patricia E. Hutton by October 31, 1985.
Job Number: P4110

***Position:** Director of Financial Aid & Student Employment
Department: Financial Aid & Student Employment

Description: Provide overall direction and leadership for the University's financial aid and student employment programs, with direct administrative responsibility for both areas.

Requirements: Graduate degree in higher education or related fields preferred. 5 to 8 years experience in student financial aid or other appropriate administrative positions in higher education. Minimum of 3 years supervisory—management experience. Excellent oral and written communication skills. Familiarity with computer systems essential. Please send cover letter and resume to Patricia E. Hutton by November 20, 1985.
Job Number: P427

***Position:** Project Manager
Department: Theory Center
Description: Direct, organize, schedule and supervise the Network Support Center staff and operations to ensure quality and uninterrupted service to users on campus and at remote locations throughout the U.S.

Requirements: Bachelor's degree or equivalent and related computer courses preferred. Experience in programming and with computer networks required. Operations and administrative experience helpful. At least 5 years related work experience required. Good organizational skills. Proven ability to handle details and meet deadlines.
Job Number: PT428

***Position:** Assistant Director, Financial Aid
Department: Student Employment Office
Description: Primarily responsible for daily operation of on-campus employment programs including College Work Study. Coordinate the appointment—job requisition process, staff training as well as monitor the audit procedures and Federal regulations for the College Work Study program.

Requirements: Bachelor's degree required; Master's degree preferred. 1 to 3 years experience in counseling, job placement—development or related field. Good interpersonal—communications skills required. Experience with development and use of on-line computer system necessary with some experience in the administration of a College Work Study program preferred.
Minimum Starting Salary: \$14,170
Job Number: PA421

***Position:** Counselor
Department: Student Employment Office
Description: Responsible for the coordination of on and off-campus information programs for the Cornell Tradition and counseling of students with regard to relevant employment and financial aid concerns.

Requirements: Bachelor's degree or equivalent required; Master's degree or equivalent preferred. Minimum one year experience in a college setting. Excellent oral and written communication skills. Some previous experience in financial aid, career

counseling or related field required. Experience with on-line computer system and the Cornell Tradition preferred. Please send cover letter and resume to Ralph D. Jones by November 7, 1985.
Job Number: PA425

***Position:** Assistant Director
Department: Student Employment Office
Description: Assist the Associate Director with planning and development of off-campus employment programs: Cornell Tradition, Summer Job Network, college Work Study and Non Work Study. Duties include development of national travel plans and schedules communication with employers and alumni; plan and implement information sessions, workshops and training events; supervision of Job Developer, support personnel and student employees; oversee promotional materials and student selection.

Requirements: Bachelor's degree or equivalent required; Master's degree or equivalent preferred. Two years of experience in higher education administration, student personnel or other related area required. Ability to communicate effectively with a variety of publics, organize and supervise program activities effectively, function in a problem solving capacity with excellent oral and written communication skills. Please send cover letter and resume to Ralph D. Jones by November 7, 1985.
Job Number: PA426

***Position:** Research Support Specialist I
Department: Natural Resources - Eagle Bay, NY

Description: Collect, analyze and interpret aquatic macroinvertebrate samples from acidic and neutralized lakes. Taxonomic identification of species where possible and enumeration of organisms requiring microscopic examination. Position is in Eagle Bay, NY and requires relocation to Eagle Bay - Old Forge area.

Requirements: Master's degree in biology or aquatic ecology. Experience and familiarity with taxonomy of aquatic macroinvertebrates to species level. Requires knowledge of mounting techniques and key characteristics of head capsules under microscopic examination. General experience with limnological and statistical methods. Familiarity with microcomputers. Apply by November 8, 1985.
Job Number: PT424

***Position:** Research Support Specialist I
Department: Horticultural Sciences (Geneva)
Description: Under very general supervision, design, organize and conduct vegetable evaluations and summarize results. Plan, organize and conduct replicated field trials and variety evaluations; plant, cultivate, fertilize, monitor pests, spray and harvest.

Requirements: Bachelor's degree with research experience or Master's degree in an area of plant sciences is necessary. NYS driver's license; willingness to travel; Pesticide applicators certification will need to be obtained. Must be able to operate farm machinery. Basic understanding of statistics needed for field plot design and data analysis. Good communication and interpersonal skills.
Job Number: PT423

***Position:** Retrospective Conversion Supervisor
Department: A.R. Mann Library
Description: Manage daily operation of a team (7FTE and students) that will convert library catalog records into machine-readable form using RLIN system. Supervise work flow; train and evaluate team members; make staff assignments and schedules; keep statistics; issue reports and assure that quantity and quality goals are met; proofread records input in RLIN; apply MARC tags to records being input. Until December 1986; includes some evening hours.

Requirements: Bachelor's degree or equivalent experience. Minimum one year of technical services experience in libraries, preferably catalog. Supervisory experience. Working knowledge of MARC II format and RLIN or OCLC systems. Good interpersonal skills. Familiarity with foreign languages. Please send cover letter and resume to Esther L. Smith by November 4, 1985.
Minimum Starting Salary: \$13,625
Job Number: PC422

***Position:** Research Support Specialist II (Repost)
Department: Genetics and Development
Description: Design, conduct and analyze the results of experiments in Drosophila population genetics and molecular biology in collaboration

with the principal investigator (including preparation and coauthoring publications describing the work). Manage the general functioning of the lab including supervision of other technicians and students working in the lab.

Requirements: Master's degree in biology with emphasis in molecular biology, genetics and/or biochemistry. At least two years experience as a laboratory technician with supervisory responsibilities and an active role in the design, execution and publication of experiments. Experience in molecular biology, radioisotopes and microbial techniques and in Drosophila genetics and stock maintenance. Please send cover letter and resume to Cynthia Smithbower.
Job Number: PT387

Position: Technical Consultant III
Department: Theory Center
Description: Provide full range of consulting services to researchers using resources of the Cornell Theory Center, including the Production Supercomputer Facility, Theorynet, and possibly the Experimental Facility.

Requirements: Bachelor's degree (study in either computer science or one of the physical—biological—engineering sciences). 3 to 5 years experience with mainframe computers essential, with VM—CMS and array processors desirable; fluency in at least two programming languages; demonstrated ability to work with complicated, scientific programs; strong written and interpersonal communication skills. Please send cover letter and resume to Cynthia Smithbower.
Job Number: PT411

Position: Senior Compensation Specialist
Department: University Personnel Services
Description: Assist in development and administration of Cornell's non-academic compensation programs; review, evaluate and classify exempt and non-exempt positions; review and write job descriptions. Organize, coordinate and direct special projects; other responsibilities as assigned.

Requirements: Bachelor's degree or equivalent combination of education and experience. 4 to 6 years personnel experience with at least 2 years compensation experience. Strong analytical, organizational and communication skills. Please send cover letter and resume to Patricia E. Hutton by October 31, 1985.
Job Number: P419

Position: Personnel Officer
Department: Campus Store
Description: Responsible for recruiting and selection of staff; formulation and implementation of personnel policies, procedures, practices; employee relations; staff training and development; payroll and appointment processing. Act as liaison with University Personnel Services.

Requirements: Bachelor's degree or equivalent education and experience in personnel related field. 3 to 5 years experience in personnel functions. Excellent verbal and written skills. Organizational skills, knowledge of retail environment, and business record keeping preferred. Please send cover letter and resume to Ralph D. Jones by October 31, 1985.
Job Number: PA418

Position: Applications Programmer-Analyst III
Department: Vet Computing Facility
Description: Develop applications at the NYS College of Veterinary Medicine using the MUMPS language - including all analysis, design, programming, and documentation.

Requirements: Bachelor's degree or equivalent. Four or more years of experience in systems analysis and design and in programming in a high level language. Extensive experience in data base design and with interactive medical or administrative systems is essential. Minimum of two years experience in MUMPS language and operating system is required. Apply by November 1, 1985 to Cynthia Smithbower.
Job Number: PT413

Position: Applications Programmer-Analyst III
Department: Vet Computing Facility
Description: Develop and maintain applications at the NYS College of Veterinary Medicine using the MUMPS language including all analysis, design, programming, documentation, debugging and user support.

Requirements: Bachelor's degree or equivalent. Two or more years of experience in systems analysis and design and in programming in a high level language. Experience in data base design required.

contact the receptionist at 256-5226 for an appointment). Applications and resumes typically remain active for three months; typing test scores remain on file for one year. The clerical section uses an automatic referral system; applicants are referred to positions for which they are considered qualified and competitive. Unless otherwise advertised, requests to be referred to a specific position will not be accepted. Applicants who are referred to a department for review will be contacted by the department if an interview is necessary.

NOTE: Outside applicants with training and/or experience in the following areas are encouraged to apply: typing, word processing, data entry and accounting.

***Position: Administrative Aide, GR21**
 Department: ILR Extension
 Description: Office management—coordination of four project areas for human services programs sponsored through a federal training grant. Directly responsible for administrative arrangements for approximately 30 training conferences per year including securing off-campus training sites, finalizing details, maintaining financial and program records, processing payments and dealing with outside vendors, agency representatives, and university administration. Full-time, regular until August 31, 1986.

Requirements: Associate's degree in business administration or equivalent. Heavy typing. Minimum 4 to 5 years experience. Some demonstrated supervisory experience. Ability to work independently. Knowledge of Apple IIE, PFs preferred. Shorthand helpful. Accounting experience essential.

Minimum Starting Salary: \$12,968
 Job Number: C4213

***Position: Accounts Coordinator, GR21**
 Department: Administrative Services
 Description: Process commitments through Job Cost System edit labor and material input; correct errors; answer customer inquiries regarding invoices.

Requirements: Associate's degree or equivalent. Minimum two years experience working in accounting, familiarity with Job Cost Systems helpful. Previous experience with IBM XT computers a plus. Excellent interpersonal skills. Ability to work with details essential.

Minimum Starting Salary: \$12,968
 Job Number: C426

***Position: Accounts Assistant, GR20**
 Department: Unions & Activities
 Description: Serve as head account clerk for Robert Purcell Union. Responsible for implementation of a cash handling—dual verification system. Coordinate time card, accounts payable and receivable processing; monthly journals; supervise assistant. Monday - Friday, 9:00 - 5:50 pm.

Requirements: Associate's degree in accounting or equivalent. Bookkeeping and accounting skills. Previous responsibility for house funds, bank and deposit preparation, and payroll procession.

Minimum Starting Salary: \$12,209
 Job Number: C421

***Position: Administrative Aide, GR20**
 Department: English
 Description: The person in this position works with the Director of Undergraduate Studies on all matters pertaining to the undergraduate program in the Department as well as providing secretarial services to the Department. Type correspondence, coursework, manuscripts, etc.; answer phones; file. Other duties as assigned.

Requirements: Associate's degree or equivalent. Medium typing. Minimum 1 to 3 years secretarial—administrative experience essential. Computer or word processing experience required.

Minimum Starting Salary: \$12,209
 Job Number: C428

***Position: Data Editor, GR20 (Two positions)**
 Department: A.R. Mann Library
 Description: 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.

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 Starting Salary: \$12,209
 Job Numbers: C424, C425

***Position: Secretary, GR19**
 Department: LASSP
 Description: Provide secretarial support for 4 to 5 faculty members, and their research groups. Assist professors in preparation of grant proposals; type and prepare articles for publication; maintain professors' calendars, and make travel arrangements. Considerable interaction with other Cornell departments.

Requirements: Associate's degree in secretarial science or equivalent. Heavy typing. Good technical typing and communication skills essential. Knowledge of Cornell and Ithaca communities helpful. Strong organizational skills and ability to work independently. Experience with Microm word processor helpful.

Minimum Starting Salary: \$11,570
 Job Number: C427

***Position: Administrative Aide, GR19**
 Department: Natural Resources
 Description: Provide a variety of support services to a research staff. Specific duties include table and figure preparation for reports; coding of mail questionnaires; literature search; general clerical assistance.

Requirements: Associate's degree, preferably in natural resources or related field. Medium typing. Coding. Figure preparation. Familiarity with computer data processing, especially in using output for tabulation from SPSSX and SAS. Please send cover letter and resume to Esther L. Smith by November 4, 1985.

Minimum Starting Salary: \$11,570
 Job Number: C429

***Position: Office Assistant, GR19**
 Department: Architecture, Art & Planning - Registrar's Office
 Description: Maintain record-keeping system; provide general office support in Registrar's office; assist in preregistration and registration; considerable interaction with faculty, staff, and students.

Requirements: Associate's degree or equivalent. Medium typing. Minimum 1 to 3 years secretarial experience, preferably in an educational setting. Shorthand (80 WPM) preferred. Ability to operate business machines. Knowledge of computer terminal and Xerox 860 desirable. Good math ability essential.

Minimum Starting Salary: \$11,570
 Job Number: C4214

***Position: Secretary, GR18**
 Department: Chemistry
 Description: Provide secretarial support to two professors. Type technical manuscripts, proposals and correspondence; make travel arrangements; organize and maintain filing systems; answer telephone.

Requirements: High school diploma or equivalent. Business or secretarial school desirable. Heavy typing. Minimum 2 to 3 years office experience. Technical typing. Strong communication and organizational skills. Knowledge of Microm or other word processor helpful.

Minimum Starting Salary: \$10,920
 Job Number: C422

***Position: Secretary, GR18**
 Department: College of Architecture, Art & Planning - Career Office & Minority Educational Affairs Office

Description: Provide secretarial and receptionist support for the Minority Affairs Director and Career Office Coordinator. Act as an informational resource in high student contact office; design, implement and maintain filing systems; provide typing; travel arrangements; screen mail, and maintain calendars.

Requirements: High school diploma or equivalent. Secretarial school desirable. Medium typing. Minimum 1 to 2 years office experience. Strong interpersonal, organizational and office skills. Working knowledge with personal computers e.g. Macintosh helpful. Knowledge of Cornell desirable.

Minimum Starting Salary: \$10,920
 Job Number: C4216

***Position: Secretary, GR18**
 Department: School of Hotel Administration
 Description: Provide secretarial and clerical support for the Director and the Assistant Director of Development and the Administrative Aide, in the daily operation of the Development office in the School of Hotel Administration. Type; data—word processing; answer phones; maintain correspondence and gift files; assist in completion of large mailings. Full-time, regular until December 31, 1987. Monday - Friday, 8:30 am - 5:00 pm.

Requirements: High school diploma or equivalent. Business or secretarial school desirable. Medium typing. Excellent typing and word processing skills. Accuracy and attention to detail. Good communication and interpersonal skills. (Sensitivity to the special nuances that are inherent to the position). Ability to respect and maintain confidentiality.

Minimum Starting Salary: \$10,920
 Job Number: C423

***Position: Secretary, GR17**
 Department: ILR School
 Description: Provide secretarial support to 3 faculty members in the Department of Organizational Behavior as well as other ILR faculty when needed. Type; transcribe dictation (machine and long hand); file; xerox; receptionist duties; use word processor. Other duties as assigned.

Requirements: High school diploma or equivalent; some college preferred. Medium typing. Minimum 2 years of general office experience. Word processor skills preferred (or willingness to learn). Shorthand preferred.

Minimum Starting Salary: \$10,366
 Job Number: C4217

Position: Administrative Aide, GR20
 Department: City and Regional Planning
 Description: Provide secretarial—administrative support to the department chairman. Type correspondence, etc.; maintain files; arrange appointments; supervise temporary staff and assist students and faculty in the absence of the Administrative Supervisor. Other duties as assigned.

Requirements: Associate's degree or equivalent. Heavy typing. Minimum two to three years experience as a secretary in either an educational, governmental or business setting. Excellent secretarial skills essential. Experience with transcription, photocopying and word processing. Microcomputer skills (training available). Ability to handle detailed and confidential information.

Minimum Starting Salary: \$12,209
 Job Number: C417

Position: Collections Representative, GR19
 Department: Bursar
 Description: Collect delinquent student accounts and student loans through telephone and written communications.

Requirements: High school diploma or equivalent; Associate's degree or equivalent preferred. Medium typing. Collection experience preferred. Excellent organizational, interpersonal and communication skills.

Minimum Starting Salary: \$11,570
 Job Number: C411

Position: Secretary, GR18
 Department: Center for International Studies - Western Societies Program

Description: Compose and type letters, reports and papers; arrange seminars and luncheons; contact with faculty, staff and students; conference organization.

Requirements: High school diploma or equivalent. Some college, business school training desirable. Medium typing. Editorial and accounting skills. Cornell working experience desired.

Minimum Starting Salary: \$10,920
 Job Number: C415

Position: Secretary, GR18
 Department: Residence Life
 Description: Provide secretarial support for Assignment and Summer Housing office using complex housing assignment computer system. Handle word processing and screen mail for the office; assist with housing assignments. IBM PC-XT and IBM 3270's equipment used.

Requirements: High school diploma or equivalent. Secretarial school desirable. Medium typing. Minimum 1 to 3 years experience. Word processing and computer data entry experience. Strong organizational, interpersonal and communications skills essential. Excellent skills in spelling, grammar and punctuation required.

Minimum Starting Salary: \$10,920
 Job Number: C416

Position: Secretary, GR18
 Department: City and Regional Planning
 Description: Provide secretarial support to several full time faculty. Type correspondence, coursework, etc.; arrange appointments; maintain calendars; handle phone calls; record keeping; interact with students. Other duties as assigned.

Requirements: High school diploma or equivalent. Secretarial school desirable. Heavy typing. Minimum 1 to 3 years secretarial experience. Ability to handle detailed information. Typing at least 60 WPM. Excellent organizational, interpersonal and communication (written and oral) skills. Knowledge of word processor.

Minimum Starting Salary: \$10,920
 Job Number: C418

Position: Secretary, GR18
 Department: Agricultural Economics
 Description: Mail handling and distribution for approximately 11,000 correspondence students, including mailing of 250 books and related materials per week; filing; special mailings; type letters; word processing; label and handle heavier than usual bulks of mail matter.

Requirements: High school diploma or equivalent. Business or secretarial school desirable. Medium typing. 1 to 3 years experience. Excellent organizational, interpersonal and communication skills. Knowledge of word processor.

Minimum Starting Salary: \$10,920
 Job Number: C4117

Position: Secretary, GR18
 Department: Consumer Economics & Housing
 Description: Type Cooperative Extension teaching materials, research proposals and reports, correspondence; make travel arrangements; arrange Extension meetings.

Requirements: High school diploma or equivalent. Medium typing. Minimum 2 years secretarial experience. Ability to use IBM PC word processor, compose letters and handle inquiries and correspondence independently. Some knowledge of working with NYS Extension Program helpful.

Minimum Starting Salary: \$10,920
 Job Number: C414

Position: Secretary, GR18
 Department: Agronomy
 Description: Provide secretarial support for soil, water and plant analysis laboratory. Data entry; mail reports; billing; answer phone. Other duties as assigned. Full-time, regular; 9 month position - September 1 - May 31.

Requirements: High school diploma or equivalent. Secretarial school desirable. Heavy typing. Minimum 1 to 3 years secretarial experience. Familiarity with computers desirable.

Minimum Starting Salary: \$10,920
 Job Number: C419

Position: Senior Records Assistant, GR18
 Department: A.R. Mann Library
 Description: Process monographic titles in the Catalog Unit; route material through the unit; work on the RLIN terminal; file into various card catalogs; handle descriptive cataloging of theses; compile monthly statistics for the unit; train other employees. Other duties as assigned. Full-time, regular, Monday - Thursday, 8:00 - 5:00; Friday 8:00 - 4:00 (may include evenings).

Requirements: High school diploma or equivalent. Medium typing. Library experience desirable, preferably in technical services. Some language background helpful. Ability to organize and perform a variety of detailed assignments is essential. Willingness to work a schedule which may include evenings.

Minimum Starting Salary: \$10,920
 Job Number: C4111

Position: Accounts Assistant, GR17
 Department: Cornell Dining
 Description: Maintain financial records and accounts for a dining operation.

Requirements: High school diploma or equivalent. Light typing. Minimum 2 years experience in related field. Accounting experience helpful.

Minimum Starting Salary: \$10,366
 Job Number: C4115

Position: Circulation—Reserve Assistant, GR16
 Department: A.R. Mann Library
 Description: Responsible for the processing of overdues. Works at circulation and reserve desks and assists in the responsibility for training, evaluating and general supervision of student assistants who work on overdues, in the periodical room and in the photocopy service during daily shifts. Shelves books and maintains collection on several tiers. Serves as back-up in various other department tasks.

Requirements: High school diploma or equivalent. Some college experience desirable. Light typing. Ability to work with a wide variety of people in a public service capacity. Organizational and interpersonal skills essential.

Minimum Starting Salary: \$9,874
 Job Number: C4110

Position: Secretary (Repost)
 Department: Boyce Thompson Institute for Plant Research (Contact department directly—see below).

Description: Type manuscripts, proposals, correspondence, reports, etc. for a group of scientists. Assist at switchboard and perform other duties as assigned.

Requirements: High school diploma or equivalent. Excellent typing skills; ability to read various handwritings, and good proofreading skills. Word processing experience necessary; IBM PC experience helpful. Ability to work pleasantly and cooperatively with many different people.

Minimum Starting Salary: \$11,000
 Job Number: C355

Contact: Greta Colavito, Boyce Thompson Institute, 257-2030.

General Service

***Position: Machinist, GR22**
 Department: Lab of Nuclear Studies
 Description: Machining and assembly of highly sophisticated experimental apparatus using precision machine tools and inspection equipment.

Requirements: Associate's degree in mechanical technology or equivalent. Ability to apply algebra and trigonometry to shop situations. Some shop experience.

Minimum Starting Salary: \$13,667
 Job Number: S424

***Position: University Service Officer**
 Department: Public Safety
 Description: Responsibilities include prevention and detection of criminal behavior; external and internal patrol of University property within his/her area for fire, safety, and crime hazards; enforcement of parking regulations occurring on the property of Cornell University.

Requirements: High school diploma or equivalent. Further formal education, training and/or experience in the law enforcement field preferred. Satisfactory completion of basic University safety officer training. Knowledge of Cornell University rules and regulations; U.S. citizenship; eyesight 20-40 corrected to 20-20; no record of convictions other than minor traffic infractions; NYS driver's license; ability to obtain NYS pistol permit within 90 days of employment. Must pass physical examination.

Minimum Starting Salary: \$12,639
 Job Number: S427

***Position: Maintenance Mechanic, GR20**
 Department: Poultry & Avian Sciences - Eastport, LI
 Description: Maintenance and repair of laboratory buildings and equipment. Renovation of facilities and construction of specialized furniture or apparatus for research purposes.

Requirements: High school diploma plus several years experience doing maintenance and repair of buildings and equipment. Must have basic knowledge of plumbing, electrical, and carpentry. Must be able to carry out maintenance and repair work on laboratory buildings and equipment.

Minimum Starting Salary: \$12,209
 Job Number: S422

***Position: Custodian, SO16**
 Department: Statler Inn
 Description: Provide general maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. 5:00 pm - 2:30 am; rotate weekends; 5 nights a week.

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

Minimum Starting Salary: \$4.84—hour
 Job Number: S426

***Position: Sales Assistant I, GR15**
 Department: Campus Store
 Description: Operate computerized cash register, wait on customers, stock assigned areas. Assist in routine pricing and—ordering of merchandise, handle charge purchases and—customer services. May handle other routine assignments under direct supervision. Monday - Friday, 8:30 - 5:00; every 3rd Saturday, 10:00 - 3:00.

Requirements: High school diploma or equivalent. Some clothing sales experience preferred. Ability to operate or willingness to learn to operate a computerized cash register. Good communication and interpersonal skills.

Minimum Starting Salary: \$9,403
 Job Number: S423

Position: Cook, SO22
 Department: Cornell Dining - Endowed
 Description: Prepare food for service through own efforts and—through supervision of kitchen employees. 40 hours per week; vary.

Requirements: High school diploma or equivalent. 3 to 5 years experience in preparing full range of entrees, sauces, soups and accompaniments. Skilled in presentation and garnishing food. Knowledge of use and maintenance requirements for the following equipment: charbroilers, steam jacket kettles, pressure steamers, ovens, slicers, mixers, choppers and various hand tools.

Minimum Starting Salary: \$6.77—hour
 Job Number: S412

Position: Short Order Cook, SO18
 Department: Cornell Dining - Endowed
 Description: Prepare and serve food directly to customers from a short order area. Monday - Fri-

Job Opportunities

Continued from Page 9

day, 40 hours per week.

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

Minimum Starting Salary: \$5.41—hour
Job Number: S416

Position: Custodian, SO16

Department: Residence Life - Endowed
Description: Provide general maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. Monday - Thursday, 7:30am - 4:00pm; Friday, 7:30am - 3:00pm.

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

Minimum Starting Salary: \$4.84—hour
Job Number: S417

Position: Custodian, SO16

Department: Cornell Dining - Endowed
Description: Provide general maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. Monday - Friday, 40 hours per week.

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

Minimum Starting Salary: \$4.84—hour
Job Number: S4110

Position: Cashier, GR15

Department: Cornell Dining - Endowed
Description: Handle cash and charge transactions with customers.

Requirements: High school diploma or equivalent. Experience in cashing. Good customer relations.

Minimum Starting Salary: \$9,403
Job Number: S419

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 Smith-bower. Current Cornell employees should submit an employee transfer application, resume and cover letter. Outside applicants with training and/or experience in the following areas are encouraged to apply: biochemistry, chemistry, microbiology, electronics, physics and licensed animal health technicians.

*Position: Network Operator, GR20
Department: Theory Center

Description: Responsible for operation of network and troubleshooting problems involving diagnosis and correction. Will be the contact person for network status questions and trying to find solutions to users' immediate problems.

Requirements: Associate's degree in data processing. Experience as a computer operator desirable and/or programming experience. Experience troubleshooting and/or repairing equipment useful. Good organizational and interpersonal skills. Must be able to work under pressure and meet deadlines. Apply by November 7, 1985.

Minimum Starting Salary: \$12,209
Job Number: T421

*Position: Technician, GR19 (Repost)
Department: Animal Science

Description: Provide technical support for a Dairy Cattle Nutrition Experiment. Will summarize data, weigh feeds and experimental chemicals; monitor animal performance and health and make modifications in feed if needed. Responsible for student supervision. 20 to 39 hours per week; until September 1986.

Requirements: Bachelor's degree in animal science or a related field. Prior supervisory experience desired. Excellent interpersonal and communications skills. Apply by October 25, 1984.

Minimum Starting Salary: \$11,570
Job Number: T393

Position: Technician, GR19

Department: Plant Breeding and Biometry
Description: Primary responsibilities will be to culture disease inoculum and inoculate alfalfa plants, establish and maintain field and greenhouse experiments, cross-pollinate alfalfa plants, and produce and process seed, some data collection, data analysis, and record keeping will also be required.

Requirements: Bachelor's degree in agriculture or related biological science with at least one course in plant pathology and plant breeding. At least one year of experience in plant breeding, plant pathology, or related plant sciences is desirable. Some laboratory experience in culturing pathogens and inoculating plants. Some computer experience is desirable. Apply by October 31, 1985.

Minimum Starting Salary: \$11,570
Job Number: T414

Position: Computer Operator, GR22 (Repost)
Department: NYSSILR

Description: Manage the operations of the ILR Student Computer facility. Including hiring and supervising student operators. Responsible for setting up and maintaining computers. Act as a general consultant for ILR course computer work. Maintain and set up file servers and networks.

Requirements: Bachelor's degree. Prior experi-

ence in a student computer facility preferred. Supervisory experience helpful. Knowledge of Cornell computer system desired. Familiarity with the following helpful: dbase, LOTUS 1-2-3, TOPS-20, CMS as well as IBM PC's and MacIntost.

Minimum Starting Salary: \$13,667
Job Number: T371

Part-time

*Position: Accounts Assistant, GR19

Department: Food Science

Description: Provide clerical and accounting support to the office of senior administrator. Handle computer entry, analysis of restricted accounts, prepare vouchers and work on interdepartmental charges, general filing, preparation and distribution of monthly statements. Other duties as assigned. Part-time, regular, 20 hours per week; flexible.

Requirements: Associate's degree in business or equivalent. Medium typing. Computer competency, familiar with Lotus 1-2-3. Excellent accounting skills.

Minimum Starting Salary: \$11,570—annual equivalent
Job Number: C4211

*Position: Technician, GR18 (Repost)

Department: Diagnostic Laboratory

Description: Assist in the preparation, conduction and data compilation in swine research projects and extension programs. Restraint of animals, collection of blood samples, urine samples, fecal specimens, skin scrapings and biopsies. Assist with necropsy exams, collect and process tissues for clinical—research procedures. Perform various clerical duties associated with continued operation of a research program, including typing, filing, library searches, and ordering supplies. Part-time, regular for a period of at least three years. 25 hours per week; negotiable.

Requirements: Associate's degree in animal science or technology desirable. Previous experience handling large domestic animals preferred; Manual & Mechanical proficiency, driver's license. Ability to work with necropsy specimens and tissues. Experience with, or a desire to receive training in, the use of computers and simple statistics. Apply by October 25, 1985.

Minimum Starting Salary: \$10,920—annual equivalent
Job Number: T383

*Position: Secretary, GR18

Department: School of Hotel Administration

Description: Provide office support to Director and administrative aide for the Alumni Affairs Office. Word processing; type correspondence; files; assist in large mailings; light editing; arrange appointments; screening phones; enter membership dues statements into the data base, dues checks balancing, preparation and distribution of graduation packets, etc. Part-time, regular until December 31, 1987; Monday-Friday, 8:30 am - 1:30 pm - 25 hours per week.

Requirements: High school diploma or equivalent. Business or secretarial school desirable. Medium typing. Knowledge of word processing. Good written and verbal skills. Accuracy and attention to detail. Ability to work independently, handle pressure, meet deadlines and maintain confidentiality.

Minimum Starting Salary: \$10,920—annual equivalent
Job Number: C4212

*Position: Records Assistant, GR16

Department: Catalog - Olin Library

Description: Participate in project to convert library catalog cards in the sciences and technology into machine-readable form using RLIN system; input original records into RLIN. Part-time, regular until December 31, 1986; Monday-Friday, 8:00 am - 5:00 pm; 20 hours per week.

Requirements: High school diploma or equivalent. Medium typing. Some office experience. Knowledge of computer input helpful. Ability to perform detailed and repetitive tasks accurately. Knowledge of or experience with foreign languages helpful.

Minimum Starting Salary: \$9,874—annual equivalent
Job Number: C4215

*Position: Records Assistant, GR16

Department: Catalog - Olin Library

Description: Pull cards from various catalogs, leaving temporary slips where necessary; retrieve library material from stacks or other locations; type bibliographic records into RLIN on-line bibliographic data base from worksheets prepared by catalogers. Other duties as assigned. Part-time, regular; Monday - Friday, 25 hours per week.

Requirements: High school diploma or equivalent. Medium typing. Ability to do detailed work with skill and accuracy. Previous library experience desirable, but not necessary.

Minimum Starting Salary: \$9,874
Job Number: C4210

Position: Counselor (Staff Assistant for EARS)

Department: Dean of Students' Office

Description: Coordinate University-wide peer counseling program; train, select, and supervise volunteer counselors; develop and implement group workshops; counsel students. 10 month position. Two weekdays (one evening and some weekend work totaling 20 hours per week).

Requirements: Master's degree or equivalent in counseling, education, psychology, social work or related field. Experience in counseling, training, supervising, consulting, coordinating, administering, evaluating, leading groups and working with college students. Please send cover letter and resume to Ralph D. Jones by November 1, 1985.

Minimum Starting Salary: \$14,170—annual equivalent
Job Number: PA412

Position: Office Assistant, GR18

Department: Chemistry

Description: Assist Personnel Assistant of large department in timely and accurate processing of academic and non-academic appointments and payroll; assist with maintenance of PC databases; act as noon-time receptionist, as needed. Part-time, regular, Monday - Friday, 20 hours per week to be arranged.

Requirements: High school diploma or equivalent. Business school desirable. Medium typing. Minimum one year experience in office setting with significant people contact. Familiarity with payroll and accounting systems. Knowledge of computers and data entry processors preferred.

Minimum Starting Salary: \$10,920—annual equivalent
Job Number: C4114

Position: Collection Representative, GR17

Department: Controllers Office

Description: Telephone collections of past due receivables. Skip tracing and some letter writing; some computer work involved. Part-time, regular, Monday - Thursday, 3:00pm - 9:00pm.

Requirements: High school diploma or equivalent. Some college desirable. Light typing. Collect experience preferred. Good communications (written and oral) skills essential. Use in computer systems preferred but not essential.

Minimum Starting Salary: \$10,366—annual equivalent
Job Number: C413

Position: Technical Assistant, GR17

Department: Poultry & Avian Sciences

Description: Collect and prepare tissue samples; collect, prepare and process antisera; set up and run serological assays; and perform cell viability counts. Handle live experimental animals such as chickens and possibly some rabbits or mice. Other duties may include assisting in cell culture work and in routine laboratory housekeeping. 24-36 hours per week until September 30, 1986.

Requirements: Associate's degree in biology or related field; Bachelor's degree preferred in biology and/or immunology. Coursework in chemistry, immunology, and/or hematology is desirable. Some laboratory experience, either from previous job experience or from college-level laboratory coursework. Previous experience microscopy, electrophoresis, and histology are desirable. Apply by October 31, 1985.

Minimum Starting Salary: \$10,366—annual equivalent
Job Number: T413

Position: Research Support Aide

Department: Division of Nutritional Sciences

Description: Develop, manage, and run well-documented programs for using statistical packages to analyze data. Prepare data sets for such analyses by using editor, sorter, and utility programs. Back-up data sets onto tape. Help administrator computer accounts and tape library. Some consulting with graduate students. Monday - Friday, 20 hours per week; flexible.

Requirements: Bachelor's degree with research experience and experience using computers. Ability to handle research data sets. Science background desirable. Statistical skills, knowledge of statistical packages, and some programming experience helpful.

Job Number: PT402

Position: Photographer, GR21

Department: Geological Sciences - INSTOC

Description: Take black and white photographs for publication, do quality photos from illustrations, line drawings, maps; copy work, developing film, and prints. Experience in color photography including producing and duplicating color slides. Other non-photographic and non-technical duties as assigned. Monday - Friday, 8:00 - 12:00, 20 hours per week; flexible.

Requirements: High school diploma or equivalent. Some college with photographic courses preferred. Should have 2 to 4 years professional photography experience.

Minimum Starting Salary: \$12,968—annual equivalent
Job Number: S404

Position: Custodian, O16

Department: Ornithology - Endowed

Description: Provide general maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. 20 to 25 hours to be arranged.

Requirements: Ability to use a variety of heavy power operated equipment, climb an 8' ladder and lift 50 lbs. Must have NYS driver's license for occasional errands.

Minimum Starting Salary: \$4.84—hour
Job Number: S391

Temporary

TEMPORARY OPPORTUNITIES: Individuals qualified for temporary work in the following areas are encouraged to apply: clerical, secretarial, word processing. If you have experience or skills in these or related areas and are interested in learning more about these opportunities, please call Laurie Conlon at 256-5226.

Position: Temporary Night Supervisor, T-2

Department: Music Library

Description: Supervise and assist in circulation procedures. Provide information and reference assistance to patrons of the Music Library; responsible for the security of Lincoln Hall during evening and weekend hours. Part-time, temporary until

January 1, 1986. 20 hours per week to be arranged. 2 evenings per week and weekend hours.

Requirements: Associate's degree or Bachelor's degree in music or equivalent, emphasis on music history. Light typing. Experience supervising others. Knowledge of German desirable.

Minimum Starting Salary: \$5.37—hour
Job Number: C412

Position: Temporary Technical Staff Writer (Repost)

Department: Food Science
Description: Responsible for library research specific scientific topics, particularly nutritional aspects of fatty acids; conduct literature searches and collate publications; summarize scientific publications; assemble written overviews and summaries. Monday - Friday, 20-30 hours per week to be arranged.

Requirements: Bachelor's or Master's degree in Nutritional—biological sciences—chemistry. Medium typing. Some research experience in appropriate areas. Competence in word processing (IBM). Training and experience in technical writing. Familiarity with IBM PC essential. Please send cover letter and resume to Cynthia Smith-bower.

Minimum Starting Salary: \$5.00—hour
Job Number: T328

Academic

Please contact department directly.

Position: Full Professor in American Literature

Department: English
Contact: Professor Dorothy Mermin, 256 Goldwin Smith, by November 15, 1985.
Job Number: A411

Position: Assistant Professor (2 positions) in English

Department: English
Contact: Professor Dorothy Mermin, 256 Goldwin Smith, by November 15, 1985.
Job Number: A412

Position: Lecturer, Organic Evolution (Spring 1986 only)

Department: Section of Ecology & Systematics
Contact: Dr. William N. McFarland, E145 Corson Hall
Job Number: A413

Position: Extension Associate I (Grant-17 months)

Department: Consumer Economics and Housing
Contact: Professor Patricia Pollak, 120A M Ext. 3171
Job Number: A414

Position: Research Associate III - Genetics and Molecular Techniques

Department: Genetics & Development
Contact: Candidates with 2 years post-doctoral experience may call Peter Bruns at 256-2044 or mail cover letter and resume to 201 Bradford Hall by November 1, 1985.
Job Number: A415

Position: Faculty level - Director of Mastitis Control Program

Department: Clinical Sciences - Mastitis Control, NYS College of Veterinary Medicine
Contact: Dr. Donald H. Lein, Chairman, Search Committee, Diagnostic Laboratory

Position: Laboratory Lecturer, Cell Physiology

Part-time, 5 month—year (January - May)
Department: Section of Physiology, NYS College of Veterinary Medicine
Contact: Neil H. McLain, Administrative Manager, 256-5454, ext. 2429
Job Number: A361

Eight More Charged In Demonstrations

Eight divestment protesters were charged with criminal trespass during the past week (Oct. 16-22) for refusing to leave Day Hall at its 5 p.m. closing time.

In total, 113 demonstrators have been charged since the Sept. 4 resumption of sit-ins at Day Hall.

The demonstrators are protesting Cornell's investments in companies doing business in South Africa.

United Way Drive At 32 Percent Mark

Figures released by United Way campaign headquarters as of Tuesday afternoon show the Cornell division of the drive at \$121,000 of a goal of \$380,000, or 32 percent of the goal.

Campaign leaders said this figure at this time means the drive is "looking good."



United Way
of Tompkins County

Tribute to Arts Council Is Part Of Film Fest

Art and Filmmaking: A Tribute to the Arts Council of Great Britain, the third program in this year's Expanding Cinema at the Herbert F. Johnson Museum of Art, will present unusual art documentaries produced by the Arts Council of Great Britain. The free screenings take place Sundays at 2 p.m. from Oct. 27 to Nov. 24 in the museum's lecture room.

This tribute consists of five programs with diverse subject matter and styles. Ken Wlaschin, program director for the American Film Institute, said, "Every year the council produces some of the finest documentaries and docu-dramas made anywhere, exploring aspects of art and ideas about art in the widest sense. These brilliant films, often made by noted filmmakers, are rarely seen in the United States despite their interest both as cinema and as information."

The schedule for the program is as follows:

Oct. 27: "The Case of Marcel Duchamp," a mischievous film about the enigmatic artist, wittily "solved" in Sherlock Holmes fashion; and "Scenes and Songs from Boyd Webb," life in a post-nuclear era through large photographs of elaborate sculptural sets constructed with posed figures.

Nov. 3: "Give us this Day," a brilliant dramatization of the life of English writer Robert Noonan, author of "The Ragged Trousered Philanthropist," the story of 12 months in hell told by one of the damned; and "The Impersonation," the fascinating "hoax" on the life of the English primitive painter Reginald Pepper, which questions our ideas about primitive art and artists.

Nov. 10: "John Cooper Clarke-Ten Years in an Open Necked Shirt," a remarkable contemporary British revival of popular poetry of John Cooper Clarke, poet, storyteller, and comic commentator; and "Alan Bush: A Life," featuring a number of compositions by Alan Bush, one of the finest living composers.

Nov. 17: "Being and Doing," tracing the history of performance art back to the Middle Ages, including film performances collected over five years in various parts of Europe; and "Just What Is It," celebrating new British sculpture of plastic and junk, examining the work of new artists such as David Mach, whose giant Polaris submarine made of thousands of used tires became notorious in England in 1983.

Nov. 24: "Shadows From Light," a journey through the photographic world created by the late Bill Brandt, photographic genius, best known for his favorite subject: nudes; and "A Sign is a Fine Investment," a fascinating investigation of how advertising has changed from the 1890s to the present day examining the factors which determine advertising content.



The Art Ensemble of Chicago, including (from left) Lester Bowie, Don Moye, Malachi Favors, Roscoe Mitchell and Joseph Jarman, will be part of the New Music Network Tour which plays here from Thursday, Oct. 31, to Sunday, Nov. 3.

New Music Network Tour Stops in Ithaca Next Week

The New Music Network Tour, sponsored by the New York State Council on the Arts, will make a series of musical stops in Ithaca during the period from Thursday, Oct. 31, to Sunday, Nov. 3.

The Network has also commissioned a sound installation piece by Cornell University composer William C. Bradbury that will be installed in all tour sites, which also include Buffalo, Rochester, Albany and the Hudson Valley.

The soloists and ensembles chosen for NYSCA's second tour are a careful blend of young performers, joined with more established artists in the new music field. The artists who will play here are:

— The Art Ensemble of Chicago, a group who, for more than 20 years, has incorporated theater, mime, dance, and hi-jinks with dixieland, funk, reggae, jazz improvisations and mesmerizing African percussion and chants into a seamless and exhilarating performance experience.

— Robert Ashley, a pioneer in the development of collaborative performance works, multimedia sound-text pieces, and new forms of opera.

— Jane Ira Bloom, an innovative saxophonist-composer who has created music that is both contemporary and captivating.

— Continuum, an ensemble that has a distinguished history of presenting music by many of this century's important composers, providing new life and public awareness of many important twentieth-century works.

— Robert Dick, a leading proponent of contemporary music known world-wide for his command of extended technique for flute.

— Alan Feinberg, an exciting and versatile new pianist who has premiered works by Babbitt, Wuorinen, Shapey, Schwantner, and Reich.

— Lytle, Cartwright, Marclay & Moss (Melttable Snaps It), an animated quartet of new music improvisers imbued with sonic playfulness, using voice and percussion,

reeds, electronics, and record/turntable manipulations.

— Cecil Taylor, a singular figure in new music for three decades, known for his mercurial and expansive piano improvisations.

— Western Wind, a six-member acappella group acclaimed for its performance of a wide range of contemporary music from Duke Ellington to Philip Glass.

The schedule and ticket prices for the Cornell presentation are:

Western Wind, Thursday, Oct. 31, 8:15 p.m., Anabel Taylor, \$3.

The Art Ensemble of Chicago, Friday, Nov. 1, 8:15 p.m., Statler Auditorium, \$5.

Lytle, Cartwright, Marclay & Moss (Melttable Snaps It) and Continuum, Saturday, Nov. 2, 2:00 p.m., Herbert F. Johnson Museum of Art, \$2.

Robert Ashley, Saturday, Nov. 2, 8:15 p.m., Barnes Hall, \$5.

Robert Dick and Jane Ira Bloom, Sunday, Nov. 3, 2 p.m., Herbert F. Johnson Museum of Art, \$2.

Alan Feinberg and Cecil Taylor, Sunday, Nov. 3, 8:15 p.m. Barnes Hall, \$5.

Advance tickets and a limited number of series tickets (\$15) will be available at the Theatre Cornell ticket office in Willard Straight, Rebop Records, and Ithaca Guitar Works. If available, tickets also may be purchased at the door.

In addition to the concerts, "Network Music (Environ IV)," a sound installation piece by William Bradbury, will be presented at the Johnson Museum from Oct. 31 through Nov. 22. Bradbury, a doctoral candidate in composition at Cornell, spent a month recording the sounds of each of the sites that will be hosts to the New Music Network Tour. Traffic, construction, people in the streets, and other noises were recorded and later manipulated to create the finished piece. Commissioned by NYSCA, it consists of five movements, each one representing the five different sites.



MAX VAN EGMOND

Baritone Joins Foretpianist

Dutch baritone Max van Egmond will join Cornell fortepianist Malcolm Bilson in a performance of Schubert's song cycle, "Die schöne Mullerin," Wednesday evening, Oct. 30, at Barnes Hall. The concert, which is open to the public without charge, will be at 8:15 p.m.

"Die schöne Mullerin" was composed in 1823 when Schubert was 26 years old. Author of the texts, found by Schubert in a friend's library, was Wilhelm Muller, dramatic poet who lived from 1794 to 1827. The cycle of 20 songs tells the story of a young miller who follows a brook in his search for work, finds employment, wins and loses his employer's daughter and despairingly returns to the brook for solace.

This is the second collaboration at Cornell by the two performers; the first was a highly successful recital of Schubert's song cycle, "Die Winterreise" in 1982.

Born in the Dutch East Indies in 1936, van Egmond went to the Netherlands after World War II and studied at the University of Utrecht. His prestigious career as a baritone began in 1959 when he won first prize in the International Vocal Competition at Hertogenbosch, followed by Brussels in 1962 and Munich in 1964. He soon established himself as a leading singer of oratorio, lieder, Baroque music and pre-Romantic opera.

He is a regular guest in European countries and has appeared at many of their music festivals. Since his North American debut in Montreal in 1967, he performs and lectures in the United States and Canada several times a year.

Bilson, widely recognized authority on the Viennese fortepiano, is a professor of piano at Cornell. He performs frequently throughout this country and in Europe as a recitalist and teacher of master classes and seminars, and conducts a summer institute at Cornell.

In addition to his teaching and touring, Bilson is music director of a concert series, "On Original Instruments," at Merkin Concert Hall in New York City.

Seven Big Red Teams to be Featured in Homecoming Matchups

By John Heron
Sports Information

As alumni return to renew their ties with their alma mater, seven Big Red teams will be featured in Homecoming Weekend matchups. The festivities will get under way Friday when the men's and women's cross-country teams run against Bucknell on the Moakely Course starting at 4:45 p.m.

Dartmouth will be the foe for the majority of the contests. The varsity football team will face the Big Green Saturday at 1:30 p.m. on Schoellkopf, while the freshman football game between the two teams will precede the afternoon attraction.

Saturday at 7:30 p.m. the Big Red soccer team will defend its undefeated Ivy League record against Dartmouth on the Schoellkopf turf. The women's soccer team will entertain Yale at 11 a.m. Saturday on Alumni Field. Finally, the women's field hockey team will close out the busy weekend of activity at 1 p.m. Sunday when it is host to Lafayette. The squad also entertains Colgate at 7:30 p.m. Wednesday.

In other action, the women's volleyball team will compete in the Colgate Invitational this weekend and then travel to Hamilton to meet the Red Raiders in a dual match Tuesday. The women's soccer squad will meet Ithaca College Tuesday on South Hill, while



John Taliaferri
Football



Laurie Collier
Soccer

the men's soccer team will play state rival Syracuse in the Carrier Dome Wednesday.

The men's cross country team tuned up for this Friday's competition with a 27-31 victory over Fairleigh Dickinson at New York City's Van Cortlandt Park last Saturday. Senior Grant Whitney remained undefeated in dual meet competition this season, winning his fifth race in a row with a 24:50 clocking over the five-mile layout. The senior's time was the fourth fastest by a Cornellian on the Van Cortlandt course. Solid grouping continues to be the Big Red's forte, as the team swept the fifth through ninth places to gain the victory. Juniors Lincoln Graves and Matt Day both turned in strong

performances and they were joined by Charlie Bares, Chip Bradish and Gavin Sloane.

The women harriers were off last weekend, and will take a 3-1 record into Friday's race with Bucknell. Last season, the women defeated the Bisons, 20-43. The men's cross country team has dominated Rochester in the past, holding a 6-0 advantage, but it is 0-5 against Bucknell. Last year, the Red defeated Rochester, 15-45, but lost to the Bisons, 18-45. Friday's meet will be the final home race of the season for both the men and women's cross country squads.

The varsity football team will try for its second straight victory against Dartmouth on Homecoming. Cornell also played the Big Green at Schoellkopf Field on Homecoming Weekend last year and won, 13-10.

Cornell is coming off a 22-0 decision to a powerful Brown squad last week.

The freshman football team is currently 2-1 on the season. Quarterback Aaron Sumida threw two touchdown strikes passes in the Big Red's 16-14 loss to Princeton last Friday, and wide receiver Sam Brickley caught five passes for 90 yards. Brickley leads the team in receiving with six catches, while running back Tim McDevitt and Scott Malaga pace the rushing attack with 197 and 119 yards, respectively. The defensive unit turned in another solid performance against Princeton,

although it finally yielded its first points of the season after two season-opening shut-outs.

The women's soccer team closes out its home schedule against Yale on Saturday, and it took a 4-6-1 record into Wednesday's game with LeMoyné. Sophomore forward Laurie Collier continues to be the most potent scorer on the team, as she has tallied a team-leading five goals and two assists for 12 points. Two of the scores came in the Big Red's 3-0 win over Rochester last week when, Collier also added an assist. Sophomore netminder Sherrie Chocola lowered her goals against average to 1.0 with six saves in a hard-fought 1-0 loss to Brown this past Saturday.

On the women's field hockey squad, seven different players have scored for the Red this season, including four rookies. Cornell's balanced scoring continued last week in the Big Red's 4-1 triumph over Rochester. The team doubled its previous high in a game as several players, notably junior Sue Davis and senior Anne Ferree, came off the bench to provide key performances in the Cornell victory. The sister combination of Jenny and Ellen Graap is indicative of the squad's blend of youth and experience. Ellen, a freshman, tallied two goals against Rochester, with Jenny, a senior, added one goal.

Brief Reports

Vet College Will Have 'Day' At Aqueduct Racetrack

The State College of Veterinary Medicine will be part of the 1985 Breeder's Cup festivities when it is host to Cornell Day at Aqueduct on Oct. 30, the Wednesday before the race.

The day will start with an informational poster session and exhibit in the Main Clubhouse from 9:30 a.m. until 12:30 p.m. during which faculty from the college will be on hand to discuss everything from the feeding of the racing horse, breakdowns, and colic surgery to respiratory problems, equine drug testing, the latest regulations on equine viral arteritis, exercise physiology, and orthopedic surgery.

Visitors also may view video presentations on an equine abdominal exploratory surgery, a demonstration of the newest anesthetic agents, an endoscopic look into the respiratory tract, and an arthroscopic examination of an equine joint.

Cornell's poster session is designed to present highlights of a topic while the individual researcher and/or clinician is available to answer specific questions and provide additional information. Horse owners, breeders, trainers and racing enthusiasts have been invited to meet members of the faculty and discuss their own favorite topics while they take a look at what the college has to offer in equine research, services and facilities.

The day will conclude with the awarding of the first "Cornell College of Veterinary Medicine Cup." Dr. Robert Phemister, newly appointed dean of the college, will present the trophy to the winner of the 7th race.

Starbuck and Shelley Featured in Ice Show

JoJo Starbuck and Ken Shelley will be featured performers in a Cornell Figure Skating Club ice show for the benefit of Hospicare, to be held at 1 and 5 p.m. Sunday, Nov. 3, in Lynah Rink.

In addition to the two professional performers, the show will feature the Cornell men's varsity hockey team performing "Swan Lake" in costume, Cornell Figure Skating Club skaters, the national champion precision skating team from Buffalo, Susan Wynne and Joseph Druan, who were bronze medalists at the St. Ivel International Competition in London, Atlantic gold medalist Julie Wasserman and New England gold medalist Mark Mitchell.

Tickets for the show are available at Logos Bookstore on the Commons, Cravings in Collegetown, Courtside Racquet & Fitness on East Hill, Klein's All Sports at Pyramid Mall, Cutting Motors on Elmira Road and the Hospicare office at 1287 Trumansburg Road.

Hospicare is a local, non-profit agency that makes it possible for people who are terminally ill and wish to live the remaining days of their lives to do so in their own homes or with their families.

Arkady N. Shevchenko Here Today and Friday

Arkady N. Shevchenko, one of the highest-ranking Soviet officials to defect to the West, will visit campus today and Friday as the first Henry E. and Nancy Horton Bartels World Affairs Lecturer.

The former Soviet ambassador and under secretary general of the United Nations will lecture on "A View from the Kremlin" at 8 p.m. Friday in Bailey Hall.

At 4:30 p.m. today he will discuss his book, "Breaking with Moscow," in a seminar in 701 Clark Hall. At 10 a.m. Friday he will discuss Soviet foreign policy and U.S.-Soviet relations in another seminar in 202 Uris Hall.

'Early-Bird' Breakfast Scheduled Friday

An "Early-Bird" breakfast prior to the Dartmouth football game will be held Friday, Oct. 25, in the Robison Hall of Fame Room of Schoellkopf Hall. The breakfast will begin at 7:30 a.m.

Cornell head football coach Maxie Baughan will give a scouting report on Dartmouth and Laing Kennedy, director of athletics, will talk about the athletic department's new facilities plan.

The breakfast is part of the university's Homecoming festivities. A continental breakfast will be served and the public is invited. No reservations will be needed.

The event will kick off the athletic portion of the weekend's activities, which include women's cross country against Bucknell at

4:45 p.m. and men's cross country vs. the Bisons and the University of Rochester at 5:15, both on the Moakley Course on Friday; freshman football against Dartmouth at 9:30 a.m. Saturday at Schoellkopf Field; women's soccer vs. Yale at 11 a.m. Saturday at Alumni Field; varsity football and men's varsity soccer against Dartmouth at 1:30 and 7:30 p.m., respectively, on Saturday on Schoellkopf; and varsity field hockey vs. Lafayette at 1 p.m. Sunday on Schoellkopf.

Government Documents Seminars Scheduled

A seminar on using government documents for research will be offered Oct. 30 and again on Nov. 12 in 214 Olin Library. The seminar is being given by the staff of the reference department in the library and is aimed particularly at faculty and students concerned with public policy. They will learn how to identify, understand, and efficiently locate U.S. government publications in Cornell Libraries.

The session on Wednesday, Oct. 30, is scheduled from 3 to 5 p.m. and the seminar on Tuesday, Nov. 12, will be from 10 a.m. to noon. For more information and to register stop at the Olin Reference Desk or call 256-3319.

Statler Gourmet Dinner Series to Start Sunday

The first dinner in the Statler Gourmet Dinner Series this fall is scheduled for Sunday, Oct. 27, and will feature contemporary Louisiana cuisine. Open to all members of the Cornell community, the dinner will be in the North Room of Statler Inn starting at 6:30 p.m.

Attendance is by reservation and is limited to 40 persons. Reservations may be made by calling 256-5292. The price, which includes four wines, is \$35 a person and \$30 for a student. Among the items to be served will be quail, crawfish, shrimp, veal, and seafood sausage.

Other dinners in the fall series, titled "A Tribute to Regional American Cuisine," are scheduled for Nov. 17 (Southwest cuisine) and Dec. 8 (Northwest cuisine).

The series is under the direction of John B. Knight, associate professor of hotel administration and three graduate students, John Kennedy, Peter Mykrantz and J. Allen Smith.

Maas to Deliver Second In Johnson Lecture Series

James Maas, professor of psychology and chairman of the psychology department here, will present the second in the inaugural year of the Johnson Distinguished Lecture Series at 7:30 p.m. Tuesday, Oct. 29, in Alice Statler Auditorium.

Maas will talk on "Leadership and the Psychology of Mind Control: Influences on Thinking and Behavior in Organizations and Society."

The lecture series is designed to provide a forum for some of Cornell's most distinguished faculty members to discuss the implications of recent developments in their fields of specialty for American business and society during the next quarter century.

Women's Issues in Housing Topic of Mini-Conference Here

Frances Fox Piven, professor of political science at City University of New York and author of "Regulating the Poor," "Poor People's Movements" and "The New Class War" and numerous articles on women and planning will give a public lecture on "Gender Politics and Public Policy" at 8 p.m. today in Kaufmann Auditorium of Goldwin Smith Hall.

Piven's lecture will be the opening address of a mini-conference on Women's Issues in Housing Policy, sponsored by the Department of City and Regional Planning.

Friday's program will include a panel discussion at noon in 102 W. Sibley Hall. Janet McClain, author of "Women and Housing;" Edith Netter of the Boston Redevelopment Authority, and Joan Forrester Sprague of the Women's Institute for Housing and Economic Development will discuss "Women Confronting the Inadequacies of Planning and Housing Policy." Both events are open to the public. For more information, please contact Chris Mullen Kreamer at 256-4331.

English Training Planned For International TAs

A special program is being offered by the Intensive English Program for teaching assistants whose native language is not English. The International TA Training Program is free and open to international students who are currently or will be TAs in the spring or fall '86 semesters.

Students will receive instruction in pronunciation, rhetorical strategies, and classroom dynamics; the other component of the program is the extensive use of videotapes to critique student presentations. The program will be held during intersession Jan. 9-21, from 9 a.m.-noon daily. Class size will be limited.

For further information and application forms, contact Ingrid Arnesen, program director, at 256-6349 or 256-5279, or stop by 103 Morrill Hall. Applications are due by Dec. 3, 1985.

Tower and Judd Falls Roads Intersection Now 4-Way Stop

The intersection of Judd Falls Road and Tower Road has become a four-way-stop intersection.

New stop signs have been posted on Tower Road, to go with those which already were in place on Judd Falls Road.

According to William E. Wendt, director of transportation services, the four-way stop will process the traffic flow through the intersection more equitably, with minimal delays for motorists. The Town of Ithaca and the university agreed to the new arrangement.

Bloodmobile to Visit Martha Van Oct. 31

A regional Red Cross Bloodmobile will visit campus from 10 a.m. to 3:45 p.m. Thursday, Oct. 31, at Martha Van Rensselaer Hall, sponsored by the College of Human Ecology.

To arrange an appointment to give blood, call the Red Cross at 273-1900, or walk in.

Francis Mineka

A memorial service for Francis E. Mineka is scheduled for 4 p.m. Saturday, Nov. 2, in Sage Chapel. The former dean of the College of Arts and Sciences and the Class of 1916 Professor of English, Emeritus, died Oct. 4. He was 78.

Art Therapist to Conduct Session At Johnson Museum Saturday, Nov. 2

"Creative Self-Expression through Art," a special adult workshop conducted by Penny Baron, art therapist and Ithaca resident, will take place from 2 to 4:30 p.m. Saturday, Nov. 2 at the Herbert F. Johnson Museum of Art.

The workshop will provide an opportunity for adults to discover how art and the art-making process relate to their individual experiences. Using the Johnson Museum's pre-Columbian collection as a basis for the workshop, Baron will explain how primitive people expressed themselves through art by using their culture's symbols and images. After a period of guided imagery, participants

SAGE CHAPEL

Northwestern Professor

To Give Talk Sunday

Rosemary Radford Ruether, the Georgia Harkness Professor of Applied Theology at the Garrett-Evangelical Theological Seminary in Evanston, Ill., and a faculty member in the joint doctoral program with Northwestern University, will speak at Sage Chapel at 11 a.m. Sunday, Oct. 27.

Ruether received her B.A. in religion and philosophy from Scripps College in Claremont, Calif.; an M.A. in ancient history from the Claremont Graduate School; and a Ph.D. in classics and patristics from the Claremont Graduate School.

Her extensive teaching career includes Immaculate Heart College, 1965-66; George Washington University, lecturer, 1966-67; Princeton Theological Seminary, summer 1971 and 1973, lecturer, spring, 1973; Harvard Divinity School, lecturer in Roman Catholic Studies and member of the faculty, 1972-73; Yale Divinity School, lecturer in Theology and Women's Studies, 1973-74; St. George Williams University, Montreal, Canada, lecturer in Theology and Women's Studies, summer 1974; Preceptor in Theology: Inter-Faith Metropolitan Theological Education, Washington, D.C., 1975-76; Howard University School of Religion, associate professor, historical theology, 1966-76 and approximately 500 speaking engagements at major universities and church conventions from 1965-1983.

Her recent books include "Sexism and God-Talk. Toward a Feminist Theology" (Boston: Beacon, 1983); "Women and Religion in America: A Documentary History: The Colonial and Revolutionary War Periods" (with Rosemary Keller) (Harper and Row, 1983); and "Womanguides: Texts for Feminist Theology" (Beacon, 1985). Dr. Ruether has also contributed to many magazines and journals.

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

The Body and Soul Dance Company, a professional modern dance company of three dancers who share a special interest in theology and the arts, will also perform during the Sage Chapel service.

Ruether also will be participating at the Feminism and Religious Experience Conference sponsored by Cornell United Religious Work, the Center for Religion, Ethics and Social Policy, and Thorpe Lectures. She will be speaking at 7:30 p.m. Sunday, Oct. 27, in the auditorium in Anabel Taylor Hall. Her topic will be "After the Feminist Critique of Christian Theology What Can Be Reclaimed?"

will design a piece of pre-Columbian art, incorporating their own hopes and fears.

Baron, who has a master's degree in art therapy from Pratt Institute in New York City, is an art therapist in private practice and a consultant for various mental facilities.

Because enrollment is limited, those interested are asked to contact Penny Nichols-Dietrich, coordinator of education, at the museum, at 256-6464, for registration and additional information, by Wednesday, Oct. 30. A fee of \$7 per person will be charged; \$5 for museum members.

Cornell Club Officers and Directors From Around the Nation to Meet Here

One of the traditions of Cornell's homecoming program is the meeting of Cornell Club officers and directors from around the nation.

This year, some 100 officers, directors, and Cornell Club members are expected to attend a series of workshops, presentations, and other activities today through Saturday.

Participants will be coming to Ithaca from California, Texas, Florida, Oregon, Washington, and many East Coast states, according to Charlie B. Handlan, club affairs director.

There are more than 80 Cornell Clubs throughout the United States. Although the primary focus of the clubs is academic programming, they hold social events and make presentations to high school students, among other activities, to help increase Cornell's visibility in local communities.

Homecoming weekend's Cornell Club events, being sponsored by the Federation of Cornell Clubs, will include a Thursday evening lecture by David L. Call, dean of the State College of Agriculture and Life Sci-

ences at Cornell, titled "Cornell on the Cutting Edge."

Friday's schedule includes a workshop on creating visibility for Cornell in local communities. Seminars on Asian art, Halley's Comet, and ornithology, among other topics, will be held Friday afternoon.

David M. Feldshuh, artistic director of Theatre Cornell, will discuss during a Friday evening lecture how the center's programs should bring joy to those who participate, awareness to those who watch, and pride to the institution.

Saturday will include an update on the university by Richard M. Ramin, vice president for public affairs, and a discussion of the university's policy on scholarship awards and financial aid to undergraduates, by Susan H. Murphy, dean of admissions and financial aid.

The presentations will be followed by the Cornell-Dartmouth football game on Schoellkopf Field.