

Tiny Tots On Parade At Halloween

The Student Family Housing office was host to more than 70 pint-sized participants and their parents during the first annual Tiny Tots Parade held on Halloween. (See other pictures and story on Page 3.)



Nuclear Magnetic Resonance Facility Expansion Will Be of Benefit to a Wide Range of Studies

Studies ranging from plant science and equine drug testing to materials science and chemical engineering are expected to benefit from the expansion of the Cornell Nuclear Magnetic Resonance Facility, with the purchase of two sophisticated NMR machines.

Located in the Department of Chemistry's Baker Laboratory, the NMR facility will be equipped with both the Varian XL-400 and XL-200 Superconducting High-Resolution Fourier-Transform instruments with fully computerized data-acquisition, data-transfer, and information storage systems.

When connected to a Motorola 68000 central processing unit (CPU), each instrument's powerful computer and array processor will be complete with "user friendly" software for data manipulation and processing. The XL-400 spectrometer will be the first of its kind in New York State. Delivery of both instruments is expected in January.

"The new machines will give added scope to the kinds of nuclei that can be studied, and will also permit NMR experiments to be carried out on solids and gases," according to Bruce Ganem, professor of chemistry and coordinator of the purchase.

Nuclear magnetic resonance uses radio

No Chronicle Edition On Thanksgiving Day

There will be no issue of Cornell Chronicle published on Thanksgiving Day, Nov. 22. Advance copy for any events scheduled until publication resumes on Nov. 29 should be submitted in time for next week's issue, which will be published Nov. 15.

Also, there will be no issues on Dec. 27, during winter break, or on Jan. 3, 1985.

waves and magnetic fields to provide detailed structural information about substances in solution by observing the magnetic environment of certain atomic nuclei. NMR instruments of a slightly different sort are used in medicine to create brain and tissue images, and someday may replace conventional x-ray machines.

The instruments are funded by an initial grant of \$300,000 from the National Institutes of Health to Ganem, an organic chemist, and to Robert Barker, professor of biochemistry, molecular and cell biology, and provost of Cornell University. Additional contributions from the university, the Biotechnology Institute, the Veterinary Equine Drug Testing Program, the College of Arts and Sciences, the Materials Science Center, the Boyce Thompson Institute for Plant Research, and the Department of Chemical Engineering helped meet the total cost of \$600,000.

The especially broad base of financial support from the Cornell community re-

fects the growing uses of NMR in all kinds of scientific research, according to Ganem.

"The new instruments can help identify substances in plants and bacteria, or trace metabolites in blood and tissue. Using a sophisticated technique known as two-dimensional NMR, the three-dimensional shapes of proteins and enzymes can be determined by studying the way such molecules fold," the organic chemist noted.

Other uses of the new NMR apparatus include the measurement, at high or low temperatures, of the speed of important chemical reactions or the properties of unusual metal-containing solids. Soil samples can be analyzed and even the metabolic rates of whole cells can be examined.

At present, the Cornell NMR facility includes a Bruker WM-300 300 MHz NMR, a JEOL FX-90Q 90 MHz NMR, a Varian CFT-20 80 MHz NMR and a Varian EM-390 90 MHz NMR.

Cornell Students Sweep Northeast Soil Judging

Cornell students stole the show at the recent Northeast Regional Soil Judging Contest that annually picks the top two teams in the region for national competition.

One of the two Cornell student teams in the event captured the regional championship and will go on to compete nationally next spring at the University of Tennessee.

In fact, Cornell students swept the contest by taking the first three places in individual competition. In addition, the other Cornell team placed fourth.

Ray Bryant, who coached the teams, is pleased. "This was the first time for six of the seven students on our teams to compete in a soil judging event of this kind," he said. Bryant is an assistant professor of soil

classification and survey in the department of agronomy in the New York State College of Agriculture and Life Sciences at Cornell.

Held last month at the University of Maine at Orono, the regional competition drew 12 teams from seven universities in the Northeast.

Cornell's winning team piled up 2,695 points, 59 points ahead of its nearest competitor, the University of Maryland. The Pennsylvania State University trailed Maryland in third place, followed by Cornell's second team, which placed fourth.

The University of Rhode Island, Delaware Valley College in Pennsylvania, the University of Maine, and the University of New Hampshire also sent teams to the regional competition.

In the individual contest, Joseph Kratt of

Computer Science Upgrade

Xerox Gives Engineering \$1.1 Million

Computing equipment donated by Xerox Corp. will help the department of computer science complete a major upgrading of instructional and research facilities.

Valued at about \$1.1 million, the equipment grant includes computers for 30 Xerox workstations to be used by students, faculty members, and research staff.

Officials from Xerox, the university, and the College of Engineering said the gift, presented Monday, is a part of the firm's University Equipment Grant Program, now in its first year. Cornell is one of 13 universities to receive Xerox equipment grants intended to extend research and teaching capabilities while fostering research on programming environments, such as more effective interaction between the user and the computer.

The grant brings to more than \$1.5 million the total in program support, research funds, and equipment grants provided to Cornell by Xerox since 1981.

Cornell's department of computer science, which is ranked among the top five in the United States, will use the Xerox grant in a two-year project to establish a computing system based on a network of Xerox workstations. Eventually, a total of 80 workstations will be equipped.

Funds supplementing the Xerox grant will come from the National Science Foundation, research grants, and the department.

"This project will dramatically change the character and scope of computing in the department," according to William B. Streett, acting dean of the College of Engineering. "It will represent a shift to distributed computing with an emphasis on high-resolution graphics capabilities for graduate and upperclass computer science students at Cornell."

In addition to 30 Xerox 8014 computers, the grant includes two file servers for information storage and two laser printers, as well as associated software, training, and maintenance for two years. When completed, the new departmental system will integrate the Xerox workstations and a VAX UNIX facility, providing a gateway to national computing networks.

Sanborn, New York, placed first, followed by Margaret Coffin of Lincoln, Maine, and Johanna Hopkins of Branchport, New York.

The winning team consisted of Marianne Plaus of Burnt Hills, New York; Karl Czymmek of Penn Yan, New York; Kraft; and Hopkins. On Cornell's second team were John Burns of Clinton, New York; Carl Etnier of Eau Claire, Wisconsin; and Coffin.

Assisting Bryant with the coaching were graduate students Jeffrey Kern of Edison, New Jersey, and Stephen Major of Dryden, New York.

Soil judging tests contestants' knowledge of soil types that differ in terms of properties and characteristics. There are more than 10,000 types of soils in the nation.



United Way of Tompkins County was the beneficiary Tuesday and Wednesday last week of a pumpkin sale, sponsored by Sage House Dining. Selling the future jack-o'-lanterns and pie ingredients were, from left, Richard W. Banks, university bursar; Sheila Murphy, engineering student who carved the ghoulish centerpiece; and C. Clinton Sidle, assistant to the controller.

Comment

Mrs. Gandhi Mourned

Editor:

Cornell India Association in a condolence meeting mourned the death of India's prime minister, Mrs. Indira Gandhi. In a resolution, the association condemned the brutal terrorist attack on Mr. Gandhi. The statement said, "Mrs. Gandhi was an outstanding statesman who championed the cause of world peace and non-aligned movement. She was a prominent leader of the Third World nations and her leadership brought progress and durable peace in the Indian sub-continent. Her death is a great loss to India and the world."

As a mark of condolence two minutes of silence was observed in memory of Mrs. Gandhi and a Hindi film show scheduled for Saturday, Nov. 4, was cancelled.

In a condolence statement, the undersigned, a research associate, expressed his shock and anguish over the politics of terrorism prevailing to today's world to which Mrs. Gandhi became an immortal martyr. The statement said, "Mrs. Gandhi led India successfully and triumphantly at the hour of its perils and crises and trials and tribulations and sustained the unity and integrity of so diverse a nation as India is. She was an architect of world peace whose death created a void in the world politics." I express the hope that the present turmoil in India would be over soon and peace, brotherhood and the communal harmony would return fast.

411 Space Sciences

Pradyot Patnaik

Cornell Chronicle

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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.

Hormone Boosts Growth Rate, Milk Tissues in Young Animals

Scientists are taking new approaches to boosting the growth of beef cattle and milk yields in dairy animals.

A Cornell University scientist says that natural bovine growth hormone (bGH) speeds up the growth rate of dairy heifers, resulting in more and leaner meat with less fat.

Isolated from pituitary glands in slaughtered cattle, the growth hormone also dramatically increases milk-synthesizing cells in mammary glands in the same animals tested.

Such an increase in the milk-manufacturing tissue in young animals may lead to improved milk production when these animals become full-fledged milking cows, says Dale E. Bauman, a professor of nutritional biochemistry in the New York State College of Agriculture and Life Sciences at Cornell.

Bauman presented his research findings in late October at the 1984 Cornell Nutrition Conference for Feed Manufacturers then in session in Syracuse.

The Cornell scientist conducted the study jointly with two Danish scientists — Kris Sejrsen and John Foldager — at the Danish National Institute of Animal Science in Copenhagen during 1983-84.

The study had two objectives: to determine effects of long-term administration of natural bovine growth hormone on growth rates and mammary development of young growing dairy animals.

Nine pairs of identical twins were tested in this study. One of each pair received daily injections of hormone for more than 100 days, and the other one of each pair was used as control.

The hormone treatment began shortly before the test animals reached puberty (about 8 months old); each weighed about 400 pounds (180 kilograms).

Results show that the hormone treatment improved weight gain at a rate of about 9 percent a day during the study, with more muscle and significantly less fat.

Because fat production in the animals tested is significantly lower than normal, the finding may have a major impact on the beef industry in the United States.

"The difference between the value of fat as a by-product, and feed costs for the fat represents an annual cost of more than \$1 billion dollars that is absorbed by the producer, processor, and consumer," Bauman pointed out. "Thus, even small shifts in diverting nutrients for muscle rather than body fat would have tremendous commercial impact."

In another phase of the Cornell-Denmark study, researchers discovered that the mammary tissue called "parenchyma" that manufactures milk in cows' mammary glands was increased by 38 percent.

"This is a dramatic boost," Bauman commented.

He said that it is theoretically possible for these animals with greater milk-producing tissue to produce more milk than normal cows when they go into milk production.

"Results from this initial experiment are extremely encouraging, but additional studies are needed to determine if this enhanced mammary development around puberty will lead to increased milk yields," Bauman said.

As in his other studies in which hormone-treated milking cows increased their milk yields dramatically (up to 41 percent), Bauman is convinced that results of the Cornell-Denmark study strengthen growing evidence that bovine growth hormone is one of the key controls regulating the use of nutrients in animals.

'I Love New York Horses' Topic of Weekend Symposium

Different aspects of owning and managing horses used for recreation or racing will be explored during the "I Love New York Horses Symposium" here Nov. 10-11. Sponsored by the Cornell Student Horsemen's Association, the weekend event will feature a series of presentations ranging from selecting a horse to feeding and managing, and caring for older horses. To be held in the Veterinary Research Tower of the State College of Veterinary Medicine, the symposium is open to the public.

More than 500 people are expected to attend the 1984 symposium, according to Laurie Coger, president of the student group and chairman of the symposium.

The horse industry in New York state is thriving. With about 150,000 horses, it is the second largest animal industry in the Empire State. Only New York's dairy industry generates more revenue, according to Samuel Sabin, professor of animal science in the State College of Agriculture and Life Sciences at Cornell.

Symposium topics include stallion management, respiratory diseases, feed and management, conditioning, the latest developments in horse breeding, leg problems and treatment, and special products available to horsemen.

Ami Shinitzky, editor and publisher of Equus magazine, will be the speaker at a dinner scheduled for 7 p.m. Saturday, Nov. 10, at the Holiday Inn.

Cambridge Don Will Discuss British Legal System Nov. 14

David G. T. Williams, president of Wolfson College, Cambridge University, will give the 1984-85 Robert S. Stevens Lecture of the Cornell Law School. The lecture, free to the public, will be at 4 p.m. Wednesday, Nov. 14, in Classroom C of Myron Taylor Hall.

His topic will be "A Separated Power: The Courts and the Constitution in the United Kingdom." Williams, who is also the Rouse Ball Professor of English Law at Cambridge, is the author of several books including "Not in the Public Interest" (1965) and "Keeping the Peace" (1967).

Williams, on the faculty at Cambridge since 1967, also has taught at the University of Nottingham (1959-63) and Oxford University (1963-67).

He received an L.L.B. (1954) and an M.A. (1958) from Cambridge, and an L.L.M. (1958) from the University of California. He has also studied at Harvard University as a Commonwealth Fund Fellow.

Williams has been special advisor to the Home Affairs Commission of the House of Commons since 1980 and has served on numerous national and professional committees, including the Royal Commission on Environmental Pollution (1976-83) and the Commission on Energy and the Environment (1978-81).

The Cornell Law School's prestigious Stevens lectures are named in memory of the late dean (1937-54) of the law school.



Student Family Housing Office Has First Tiny Tot Parade

Some came as they were and some came as they weren't. Some came on foot and some needed a push. But they came nevertheless. With help from parents and some creative inspiration, approximately 70 children from the three family housing areas at Cornell participated in the first annual Tiny Tots Parade on Halloween day. The youthful participants (aged 5 and younger) showed off their costumes as they marched across the four-block area that reached from the Beth Brown Center to the office at the Hasbrouck Apartments and back. But the All Hallows Eve celebration sponsored by the department of residence life

family housing office wasn't all fun and games. There was a lesson to be learned. Representatives from the department of public safety were at the parade and the party that followed. They handed out literature about trick-or-treat safety and then allowed the children to explore the squad car. The Tiny Tots Parade is only one of many programs put on by the family housing office. Older children, kindergarten age and up, were given a party the day before Halloween. On days when there is no school, the programming staff at family housing gives free movies for children as well as hosting get-togethers for adults.

Lisa Towle

Cornell Cosponsors State Energy Conference in NYC

Issues affecting the electric energy supply in New York state will be discussed in a two-day conference that gets under way today in New York City.

Sponsored by the New York Power Authority and Cornell University, the conference, "New York's Electric Future," was organized by two Cornell Professors, Sidney Saltzman and Richard E. Schuler. Saltzman is in the department of city and regional planning, and Schuler, former member of the New York State Public Service Commission, is in the departments of environmental engineering and economics.

Representatives of government, academia, private industry, and the news media will make presentations during the conference that "promises to be an interesting and in-depth look at various issues" affecting the state's supply of electric energy, according to John S. Dyson, chairman of the power authority. Dyson, a 1965 graduate of the New York State Col-

lege of Agriculture and Life Sciences at Cornell, is a university trustee.

Participants in the program include James R. Schlesinger, former U.S. Secretary of Energy and Secretary of Defense, now with Shearson Lehman/American Express; Senator Robert T. Stafford (R-Vermont); Edwin Newman, syndicated columnist and author, former NBC News correspondent; and Jeff Greenfield, ABC News commentator.

In addition to Saltzman and Schuler, other Cornellians scheduled to make presentations during the conference are Alfred E. Kahn, the Robert Julius Thorne Professor of Economics and former chairman of the New York State Public Service Commission, and Timothy Mount, professor of agricultural economics.

Stoltzman, Goode to Be Featured In Fall's Last Statler Series Concert

Richard Stoltzman, "a national treasure," and Richard Goode, "thoughtful, strong, and expressive," will share the stage at Cornell University's Statler Auditorium on Thursday, Nov. 29, at 8:15 p.m.

Stoltzman, a clarinetist, and Goode, a pianist, have earned secure places for themselves in the musical world by winning the coveted Avery Fisher Prize. Their careers have paralleled in other ways: both have won Grammy awards; both have appeared with the New York Philharmonic and the Chamber Music Society of Lincoln Center; and both are renowned recitalists as well as chamber music performers.

But the paths these men took to join "the company of the blessed few" were disparate. A native New Yorker, Goode began studying music at an early age. He continued his lessons at the Mannes College of Music and at the Curtis Institute of Music in Philadelphia. As a founding member of the Chamber Music Society of Lincoln Center, he served as pianist for that en-

semble for 10 years.

Conversely, Stoltzman was born in Omaha, grew up in San Francisco and Cincinnati, and attended Ohio State University, where he had a double major in music and mathematics and even considered becoming a dentist. He went on to earn a Master of Music at Yale University, and later studied with Kalman Opperman while a doctoral candidate at Columbia University. In 1973, he helped found the chamber music ensemble, TASHI.

This last Statler Series concert of the fall semester will consist of music by Brahms, Schumann, and Von Weber. Tickets are on sale at the Lincoln Hall Ticket Office, open 9 a.m. - 1 p.m. weekdays.

Vance Christian, Hotel Industry Leader, Dies

Vance A. Christian, a leader in wine education and a pioneer in research, executive development and educational programs designed for the hospitality industry, died Monday, Nov. 5, at Tompkins County Community Hospital after a long illness. He was 55.

A member of the faculty of the School of Hotel Administration at Cornell since 1961, Christian was named the Villa Banfi Professor of Wine Education in 1978. He was credited with modernizing the School of Hotel Administration's food and beverage curricula and developing and teaching the

first academic university-level program in wine appreciation.

He also was known for developing and teaching wine and spirit management programs for hotels and restaurants in this country and internationally, including the National Restaurant Association Teachers Training Program in food service. He assisted in developing vocational high schools in Singapore and Bangkok.

He was a past president of the Society of Wine Educators, a member of the Board of Directors of the Culinary Institute of America, and served actively in the Society for the Advancement of Food Research, the Institute of Food Technologists, the Council of Hotel and Restaurant Industry Educators, the Cornell Society of Hotelmen, the Hotel Sales Management Association, and Phi Kappa Phi.

He served as management advisor to the

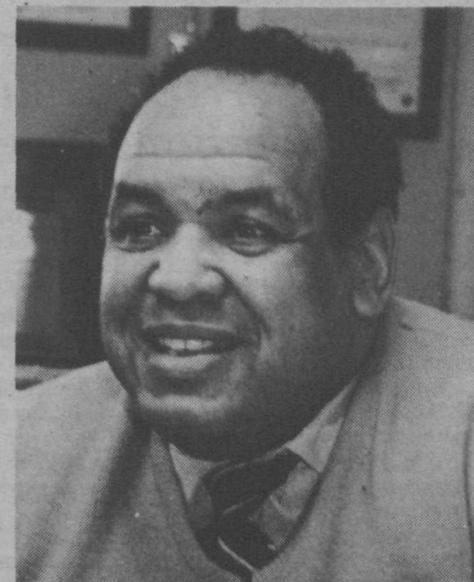
Hyatt Corporation and Hyatt International, SARA of Sweden, CHART, Asesoria de Empresas, Villa Banfi, Holland American Cruise Line, and the U.S. Army Quartermaster School.

Born in New York City, he received a B.S. (1961) and a M.S. (1965) from Cornell's hotel school. He also held a B.S. in chemistry from West Virginia State College and did graduate work in psychology at West Virginia University.

A funeral mass was celebrated Wednesday in St. Catherine of Siena Church, with burial to be in Cedar Grove Cemetery in Richmond, Va.

Christian is survived by his wife, Nena Hernandez Christian of Ithaca and several aunts and cousins.

Gifts may be made to the Vance A. Christian Memorial Fund, School of Hotel Administration.



VANCE A. CHRISTIAN

'Dial-a-Diagnosis'

Veterinarians Get Computerized Consultations

A veterinarian examines a dog with a history of convulsions. He knows the diagnosis could be one of a number of diseases that come immediately to mind. But none of them feel exactly right. What else could it be?

Rather than leaf through several weighty tomes on clinical signs and diseases, the practitioner sits down at his personal computer terminal and, through his office phone, enters the "Consultant" Differential Diagnosis program. A few minutes later, he has a list of diseases producing his patient's major signs, and a series of scientific publications to check for additional information.

The first of its kind, "Consultant's" dial-a-diagnosis help is available on a test basis to veterinarians with access to a computer

terminal, a 1200 baud modem, and a telephone. (During this trial period, the number of actual users will be limited to 500.) With a personal password to the program supplied by Cornell University, the user has access to information on the clinical signs of 5,236 diseases, including 997 bovine, 934 canine, 944 equine, 649 feline and comparable numbers of goat, sheep and swine diseases. The data base is updated and expanded each week.

"Consultant" was developed by Maurice White, DVM. As an assistant professor in clinical sciences at the State College of Veterinary Medicine, Dr. White knew how handy an easily accessible cross-indexed list of diseases and their clinical signs would be to veterinarians. He originated the idea of "Consultant," a computer as-

sisted differential diagnosis system and, in partnership with Michael Powers, DVM, created the data bases.

Access to "Consultant" begins with a written request to John Lewkowice, director of the Computer Facility at the New York State College of Veterinary Medicine, Cornell. For an initial fee of \$75, a user receives a password, a list of clinical signs and their alpha-numeric codes, information on the database, and help from the College Computer Facility in utilizing the computer program. After that, access to the database is a matter of dialing a local number that connects with the Telenet phone system and entering a password.

There is a \$25/hour fee to cover Telenet long distance charges and computer time but, according to Dr. White, actual user

time is minimal, often less than five minutes. In this brief span of time, a veterinarian can review a list of diseases caused by a single sign, or narrow the field of diseases by entering a series of signs. The signs of exotic and less frequently encountered diseases can also be reviewed through this process. Electronic mail is part of the system, enabling users to communicate with each other and with the central computer facility.

For more information on "Consultant" and the new phone-in-service, write John Lewkowicz, Director VMCF, CONSULTANT, 624 VRT, State College of Veterinary Medicine, Cornell University, Ithaca, NY 14853.

Biologist Thomas Eisner's BBC Show Wins 2 Awards

"Secret Weapons," a BBC television program written by and featuring the work of Cornell biologist Thomas Eisner, has been honored with two major awards in international film festivals.

The hour-long film on the defense systems of insects received a gold medal for the best nature show and the grand award silver bowl for best of category in the 27th International Film & TV Festival of New York, Friday, Nov. 2, in New York City.

In Wildscreen '84, the second annual International Wildlife Film and Television Festival last month in Bristol, England, the program won the scientific award, one of nine prizes.

Eisner, the Jacob Gould Schurman Pro-

fessor of Biology in Cornell's Section of Neurobiology and Behavior, is a specialist in the chemical ecology of insects. His research and teaching focus on the chemical "language" of insects, the substances they use to protect against enemies, and the chemical bases of their interactions with plants.

"Secret Weapons," a part of the BBC's "The Natural World" series, was shown to some 18 million viewers in the U.S. in November 1983 on the PBS "Nature" series. It will be repeated at 8 p.m. Sunday, Dec. 23, on PBS stations.

The program utilized the most modern cinematic techniques, including 4,000-frames-per-second filming of the bom-

bardier beetle. Also documented in the American version of "Secret Weapons" was a recent discovery by Cornell biologists, a fly that eats toads.

Among the scientific advisers in the filming of "Secret Weapons" were Jerrold Meinwald, the Goldwin Smith Professor of Chemistry at Cornell, and Daniel J.

Aneshansley, associate professor of agricultural engineering.

A senior research associate in neurobiology and behavior and long-time collaborator with Eisner, Aneshansley was responsible for engineering some of the laboratory experiments shown in the film, particularly with the bombardier beetle.

Cornell Abroad Program in Spain Seeks First In-Residence Director

A Cornell faculty member is being sought to serve as the first In-Residence Director of the newly established undergraduate Cornell Abroad Program at the University of Seville in Spain.

It is the second directorship for an abroad program to be sought this fall. The first was for a program in Hamburg, West Germany, as announced in the Oct. 11 Chronicle.

Initial applications for the Seville directorship, which will run from Aug. 15, 1985, through July 20, 1986, must be submitted by Monday, Nov. 19, to the Cornell Abroad Office at the Center for International Studies in 170 Uris Hall, or by notifying Arch Dotson, director of the program. He can be reached by telephone at 256-6370.

In addition to teaching one course each semester, the director will have a variety

of administrative tasks, including academic and personal counseling, arranging occasional program excursions, meeting with Spanish colleagues, and ascertaining credit for student's work.

The director of the 1985-86 program will be selected this fall and become directly involved in planning the first year's program.

The director's year in Seville will be counted as a normal teaching year toward the sabbatical. Faculty interested in the directorship for 1986-87 and 1987-88 also should apply at this time.

Up to 20 Cornell students will take part in the program. The students will begin the year with intensive language study, enroll in regular classes of the University, and work with Spanish tutors in supplemental sessions.

Health Services Will Participate In Dalkon Shield Removal Effort

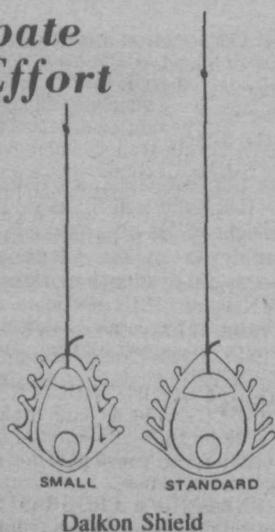
Potentially dangerous Dalkon Shield intrauterine devices are the objects of a national removal campaign in which the Contraceptive, Gynecology and Sexuality Service of University Health Services is participating.

Any woman who thinks she has a Dalkon Shield, an IUD that was marketed between 1970 and 1974, should call the clinic at 256-3978 and schedule an appointment for a clinician to remove the device.

Women who are not certain if the device they have is a Dalkon Shield are also requested to call for an appointment, to be sure.

A. H. Robins, manufacturer of the Dalkon Shield, has agreed to pay fees for examination and removal of the shield.

According to a letter from the company, "There is substantial medical opinion that continued use of the Dalkon Shield may pose a serious personal health hazard to users."



Dalkon Shield

Germany-Russia Relations Topic of Day Long Conference

A day-long conference on "East Germany, West Germany, and the Soviet Union: The Changing Relationship" is scheduled here from 9 a.m. to 6 p.m. Saturday, Nov. 10. The conference, in 701 Clark Hall, is open to the public free of charge.

It is sponsored by the university's Western Societies Program and will include leading authorities on various aspects of the subject from a number of universities across the country.

— Henry Krisch of the University of Connecticut and Robert Goeckel of the State University of New York College at Geneseo will discuss domestic changes in

East Germany.

— Thomas Baylis of the University of Texas at San Antonio and George Staller of Cornell will examine East German-West German economic relationships.

— James McAdams of Hamilton College will speak on the revival of German nationalism that some commentators have claimed to see in recent developments.

— Michael Sodaro of George Washington University and Myron Rush of Cornell will discuss the perspective of the Soviet Union.

Persons interested in attending should call (607) 256-6224 between noon and 4:30 p.m. for additional information.

Madrigal Dinners Planned

"Madrigal: a lyric poem suitable for musical setting ... especially in vogue in the 16th century and later in Italy, France, England, and elsewhere."

In days of yore, a wealthy lord would entertain friends in a great hall with a feast and musical entertainment. Harking back to this tradition of the Medieval and Renaissance ages, the Willard Straight Hall Program Board will be host to two Madrigal dinners at 6:30 p.m. Thursday, Nov. 15, and Friday, Nov. 16.

The Medieval fare — wassail, Yorkshire and plum puddings, steamship of beef, cornish hen, wild rice, assorted fruits and breads, peas and mushrooms, etc. — will be prepared by Willard Straight Dining. There will be jesters, jugglers, and musicians, with additional entertainment provided by the Society of Creative Anachronism, the Risley Renaissance Singers, and a brass quintet from Ithaca.

Tickets, which can be purchased at the Willard Straight Hall ticket office on campus, are \$13 or \$13.50 with a Cornellcard. For more information, call (607) 256-4311, 9 a.m. - noon, weekdays.

A Round-Table on Heidegger

A round-table discussion of the German philosopher Martin Heidegger's thoughts on "What Are Poets For?" is scheduled for 4:30 p.m. Wednesday, Nov. 14, in Kaufman Auditorium of Goldwin Smith Hall.

Free and open to the public, the discussion is sponsored by the department of comparative literature and the College of Arts and Sciences. An open discussion will follow formal presentations centered on Heidegger's essay, "What Are Poets For?"

An English translation of the essay ap-

pears in Heidegger's book, "Poetry, Language, Thought."

Four speakers, including the keynote speaker, Thomas Sheehan, professor of philosophy at Loyola University and an eminent Heideggerian, will present papers.

The other speakers are Cornell professors — Ciriaco M. Arroyo, romance studies, and Wolfgang Holdheim, comparative literature — and Robert Harrison, lecturer in Italian.

The panel will be moderated by Enrico Mario Santi, associate professor of Spanish and comparative literature at Cornell.

Pedestrian, Bicyclist and Motorist Safety: I

Campus Produces Particular Traffic Problems

This is the first of three articles on pedestrian, bicyclist and motorist safety. This article reviews discussions held by the Pedestrian Safety Committee of the Committee on Transportation Services with a traffic engineer and a Public Safety officer during the spring of 1984. Information was also provided by a campus architect for the article.

By JOAN LOCKWOOD
Dept. of Transportation Services

A problem common to university campuses is the many people on foot and the large number of vehicles within a small and cloistered area. Students freely cross roadways and intersections in droves or in scattered groups. Cars worm their way through crowds during class breaks. Buses traverse campuses day and night, bringing students and faculty from residential areas and outlying parking lots. Service vans and trucks work their way into loading docks, and bicyclists zoom and weave every which way on roads and sidewalks.

In this respect, Cornell is similar to many other universities. East Avenue, Tower Road, Central Avenue, and Campus Road are scenes of such activity daily.

What is different at Cornell is the enforcement program underway for pedestrians, bicyclists, and motorists. "Selective enforcement of all New York State Vehicle and Traffic Law has begun by Public Safety in areas of high pedestrian traffic," according to Capt. Daniel Murphy, deputy director of Public Safety. "Presently, motorists, pedestrians, and bicyclists are being warned when they are observed violating vehicle and traffic laws," he said. This program is the result of action by the Committee on Transportation Services in spring 1984, as reported in the Chronicle (Oct. 25).

Considerable concern has been expressed over the years by community members to the departments of Public Safety and Transportation Services regarding danger to pedestrians from bicycles and vehicles. While the number of accidents and injuries has been low, near misses are common. This fall there have been several incidents on the Cornell campus involving pedestrians and/or bicyclists or motorists.

There is considerable tension exhibited between persons on foot and motorists daily. Motorists complain that people on foot ignore traffic signals and do not stay within crosswalks. "Herds" of students take over the streets between classes, with no consideration for the presence of a vehicle with a driver hurrying to a meeting. Pedestrians dodge speeding cars and voice dismay about the arrogant attitude of drivers. Even within crosswalks, pedestrians leap for the curb since pedestrian rights are often not observed by motorists.

Campus travelers are left with a sense of confusion as to what might be done to ease the situation. Somehow, the "official" laws of the outside world don't seem to apply. A university would seem to be a retreat from the rules of a city or busy urban center.

Unfortunately, that leaves "luck" as the main preventive measure taken on many campuses. Alternatively, fists are shaken and threats to "ban cars" from the campus are regularly heard. Drivers joke about "scoring" by running down walkers.

New York State laws do apply on the Cornell campus, said Murphy, in response to inquiry by the Pedestrian Safety Committee. "Article 27, Pedestrian's Rights and Duties" is the appropriate section of the traffic law. The committee consequently issued a strong recommendation that the safety of the pedestrians should be the first consideration of traffic enforcement.

The concern for pedestrians is justified, according to Mark Turnquist, associate professor of Environmental Engineering. Pedestrian deaths account for 20 percent of



Students flood campus sidewalks and roadways during class breaks. Motorists and bicyclists must defer to pedestrians.

motor vehicle deaths each year. Nationwide, 8,000 - 9,000 people on foot die as a result of an accident during their travels. One-third of those deaths occur at mid-block. Alcohol is a factor in one-quarter of these deaths.

Additionally, 150,000 pedestrians are injured each year nationwide. The most likely groups for accidents are the very young and very old. Seventy-five percent of pedestrian injuries happen to children under the age of 14 and persons over the age of 65.

Turnquist went on to explain the weather and time of day are important safety factors for both pedestrians and motorists. A clear day is the best time when lighting is good and pavement is dry. At night, the accident rate is three times higher than during the day. A rainy night is the worst time to walk — the accident rate is nine times higher.

Lighting is very critical factor in pedestrian safety, according to Lt. Ted Pless, manager of the Crime Prevention unit of the Department of Public Safety. Adequate lighting is an absolute necessity, he said. However, it can be difficult to determine what is "adequate." "What people don't realize is that natural and artificial lighting vary with the weather conditions and seasons," said Pless. An area that is adequately lighted in winter, for example, may appear poorly lighted in the summer. Foliage will block light, while snow reflects light. The departments of Public Safety and Facilities Engineering continually review campus lighting and make improvements as funds become available. (A Blue Light telephone often accompanies lighting improvements.) Pless has made a strong recommendation for the use of high pressure sodium lights for effective lighting and economy.

Once the factors that contribute to pedestrian safety are identified, they must be applied to the practical business of designing an environment that is safe for pedestrians.

It is not necessary to ban automobiles from campuses nor is it feasible, according to James A. LaGro, Jr., '82, in his thesis, "A Case Study: The Cornell University Pedestrian Circulation System" (August 1982). "The separation of pedestrian and vehicular circulation systems is fundamental in providing a pedestrian environment that is safe, and efficient....," said LaGro. "Because the nature of the users and their speeds of movement are so disparate, pedestrians and vehicles must be accommodated by non-conflicting systems."

Speed of travel isn't the only difference, said LaGro. An observer of pedestrians will see that people on foot have more freedom of movement than vehicles, that they do not travel along well-defined and rigid pathways governed by strictly enforced rules. "Pedestrian motion, like a flow of water, has an apparent fluid momentum. It follows lines of least resistance, shortening distance by cutoffs. It sweeps wide on curves, eddies about obstacles, forms pools above and below restricted channels such as stairs or corridors. The flow may be smooth or turbulent, purposeful or meandering," according to Kevin Lynch, in his book "Site Planning". (The MIT Press, 1971.)

Given these observations, the architect's function becomes that of encouraging the pedestrian to walk in protected areas and to reduce the number of instances where automobiles and pedestrians must mix.

A good pedestrian circulation system, according to LaGro, separates pedestrians from vehicular traffic by curbs, planting strips and other landscape buffers. Walkways should be of consistent width and with few interruptions. Street crossings should be clearly marked and crossing distances

minimized where possible. Walkways and plazas should form a network linking all major campus entrances and activity zones and should comfortably accommodate pedestrian flow during peak use. Entrance to campus buildings should not be impeded by architectural barriers and access for handicapped individuals must be ensured. Plantings, signage, lighting, street furniture and paving should be well placed and of high quality materials.

The safety of people on foot is a matter for serious concern and individuals must be protected from harm, according to the recommendations of the Pedestrian Safety Committee. Whereas pedestrians must observe their specific responsibilities and rights under New York State law, motorists and bicyclists must defer to pedestrians. "What is important is that community members are not threatened with bodily harm. No one of us would want to see another person suffer because of a momentary impatience or frustration," said William E. Wendt, director of Transportation Services. "Each of us is a pedestrian at times and a motorist at others. It seems that mutual respect is in order," said Wendt.

CIVITAS

TUTORING REQUESTS ARE STILL COMING IN. The response to last week's ad was wonderful, but we still have high school students needing help. Students who can come to campus either after school or in the early evening need help with the following subjects: Elementary Bookkeeping and Accounting; AP Physics; Physics (ordinary); 1st year Algebra; 9th grade English; 10th grade English (interpretation of literature); 9th grade General Science; and Geometry. These students cannot come to campus and must be tutored in school or at home as noted: 1) Eighth grade student needs help with BASIC SPANISH once or twice a week, or you could meet at downtown public library; 2) BOTANY student must be tutored at Ithaca High School. She is free to be helped from 10:37-11:21 a.m. or 12:15-1 p.m. any day, M-F; or at 9:48 a.m. every other day; 3) Student needs help with BIOLOGY and MATH 10 (Geometry). She can only be tutored at home, but she lives at convenient downtown location, and the schedule can be flexible.

GYMNASTICS INSTRUCTORS NEEDED IMMEDIATELY by local youth organization to work with practice of miniteam, M and W, 4:45-6:15 p.m., at convenient downtown location. Helpful to have knowledge of compulsories.

AFTER-SCHOOL PROGRAM for elementary school children seeks helper from 2:30-5:30 p.m. any day, M-F, to work in arts and crafts, storytelling, games, etc. About 10 children, aged

4-10 years, some want to play outdoors, some indoors. Program would also like to offer short field trips but needs additional help to do so.

ADMINISTRATOR NEEDED for youth basketball league. Duties include testing kids on first day; making up teams; coaching the coaches regarding the rules; and opening and closing every Sat., 9 a.m.-12:15 p.m., including the Saturdays in January. For the Saturday work, remuneration is possible. Two volunteers could split this job.

TWO REQUESTS FOR READERS for the visually impaired: 1) Young woman, employed in legally-related downtown agency, needs readers and proofreaders to help with the materials she uses in her work. Afts. preferable, any day, M-F, between 1-4:30 p.m., for a couple of hours, once a week or as frequently as you can manage; 2) Middle-aged lady who has just moved into low-income housing project downtown seeks helper to run little errands, read mail, etc. At your convenience, for an hour or two, on a regular basis so she can count on the assistance.

LOCAL MENTAL HEALTH CLINIC seeks mature volunteers to serve as "adjuncts to therapy" in supportive relationships with socially handicapped clients, or young people, in follow-up aftercrisis services and outreach counseling programs, etc. Min. commitment of 4 hrs./wk. for 5 months. Attendance at Wed. staff meeting, 12:15-1:45 p.m., each week is required.

Calendar

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

Savoyards

Cornell Savoyards seek directors and designers for spring 1985 production of PRINCESS IDA. Interested parties call Dan at 277-0536 or 256-3919 days or send summary of experience to Cornell Savoyards, Willard Straight Hall, Cornell University, Ithaca, NY 14853 by November 12.

Israel Programs Fair

Israel Programs Fair, Thursday, November 8, 10AM to 2PM, Memorial Room, Willard Straight Hall. Sponsored by Hillel.

Shabbat Dinner & Discussion

Hillel will sponsor a Shabbat Dinner on Friday, Nov. 9 and 6:30PM in the One World Room, Anabel Taylor Hall. Cost: Affiliates, \$4.00; Non-Affiliates, \$6.00. Reservations must be made by the day before in the Hillel Office, G-34, ATH. The dinner will be followed by a panel discussion on "American Foreign Policy After Elections '84" with Theodore Lowi, Government and Frederick Bent, Graduate School of Management.

Hebrew Choir

Makhela (Hebrew Choir) meets every Sunday night at 9PM in the Edwards Room, Anabel Taylor Hall.

AZYF Interviews

Gadi Aronson, AZYF (American Zionist Youth Foundation) shaliach, will be interviewing on Wednesday, Nov. 14 from 11AM to 5PM in the Hillel office, G-34, Anabel Taylor Hall.

Kosher Food Discussion

"Gastronomica Judaica: Kosher Food, Or You Are What You Eat", part four, with Rabbi Larry Edwards on Monday, Nov. 12 at 7:30PM in the Hillel office, G-34 Anabel Taylor Hall.

Grace Paley - A Reading

Author and peace activist Grace Paley will read from her works, Tuesday, Nov. 13 at 4:30PM, Kaufmann Auditorium, Goldwin Smith Hall. Cosponsored by Women's Studies, Hillel, English Dept., CURW, and Council on Creative and Performing Arts.

Human Ecology Course Enrollment

Human Ecology students course enrollment (preregistration) for spring 1985 term ends on Friday, November 9. For information check MVR student mail files, bulletin boards and TV monitor.

Russian Literature Reading & Talk

George Gibian, Goldwin Smith Professor of Russian and Comparative Literature, "The Poetry of Jaroslav Seifert", Nobel Prize Winner in Literature, 1984. A Reading of Translations and a Talk. Monday, November 12 at 4:30PM in 156 Goldwin Smith Hall.

Paula J. Caplan - A Talk

"The Myth of Women's Masochism" by the psychologist and author of BETWEEN WOMEN, Thursday, November 15 at 7:30PM in 202 Uris Hall. Cosponsored by Women's Studies; Psychological Services Gannett Health Center; Family and Children's Service of Ithaca.

Meet The Travelers

Professor Eldon (Bud) Kenworthy, Associate Professor of Government will be talking about "A Look at Daily Life in Nicaragua" on Tuesday, November 13 at 7:30PM in the Statler Inn Main Lounge. The talk will be accompanied with slides.

Luncheon Discussion Group

Jerome Mintz, "Secular and Religious Festivals in Andalusia: Carnivals and Pilgrimages." November 8, 12:15PM, 360 Uris Hall.

Nicholas Esposito, "Southern Italian Families: A Psychologist's Perspective". November 15, 12:15PM, 360 Uris Hall.

International Affairs Group

Professor Peter Katzenstein, "Post-election Evaluation: U.S. Foreign Policy", Robert Purcell Union, Multi-Purpose Room, 7:30PM, Thursday, November 8.

Madrigal Dinner

On Thursday and Friday, November 15th and

16th, the Willard Straight Program Board will sponsor a Madrigal Dinner at 6:30PM in the Memorial Room at Willard Straight Hall. Tickets are on sale at the WSH Ticket Office for \$13.00 (\$13.50 with Cornellcard).

Personal Growth Workshops

Short-term, small skills building and support workshops, free and confidential. Workshops are offered by Dean of Students Office. To sign up or for more information, call 256-3608 or stop by 103 Barnes Hall. Open to all in the Cornell Community.

EARS Counseling

Just want to talk? That's what EARS counselors are there for! They are trained listeners and are waiting to lend a free and confidential "ear" to listen to your feelings, help you explore your situation and discover options. EARS counselors provide non-judgmental, short-term counseling and have access to a wealth of information about other services at Cornell, if appropriate. Walk in to WSH Room 211 or call 256-EARS. Sunday through Thursday, 3-11PM; Friday and Saturday, 7-11PM.

Writing Workshop Walk-In Service

Free tutorial instruction in writing. Monday - Thursday from 3:30-6PM and 7:30 to 10PM. Sundays from 3-8PM in 174 Rockefeller Hall.

Amnesty International

The Cornell Chapter of Amnesty International invites the Cornell Community to stop by AI's information table in Willard Straight Hall each Friday from 10AM to 2PM. Learn how you may help prisoners of conscience all over the world.

Dance

Israeli Folk Dancing

Israeli folk dancing every Thursday night, 8-11PM in the One World Room, Anabel Taylor Hall. The schedule is 8-9PM teaching; 9-11PM requests.

Video Dance

Hillel will sponsor its first Video Dance on

Saturday, November 17 from 9PM to midnight in the One World Room, Anabel Taylor Hall. Cost: \$1.00, affiliates; \$2.00 non-affiliates.

Truly International Folk Dance

Sunday, November 18 from 7:30PM to midnight at Willard Straight Hall Memorial Room. Dance is free but bring your own refreshments.

Classical Dance of South India

Bharatanatyam, classical dance of South India by Vijayalakshmi Vijayakumar (Viji), Sunday, November 11 at 6:30PM in Kaufmann Auditorium, Goldwin Smith Hall. Tickets are \$2.00 and \$1.00 for members available at WSH and at the door. Cosponsored by Cornell India Association and Graduate Activities Funding Commission.

Exhibits

California Photography on Exhibit

Photography in California: 1945-1980, a major exhibition of 250 black-and-white and color photographs, is on view at the Herbert F. Johnson Museum of Art through Dec. 23. It traces the historical, regional, and stylistic developments of California photography over the past four decades. Fifty photographers are represented, including Ruth Bernhard, Robert Heinecken, Minor White, and Max Yavno. Louise Kataman, assistant curator of the San Francisco Museum of Modern Art, organized the show.

The introduction of new cameras and better educational facilities led to an unprecedented growth in photography after World War II. This increase in activity was readily apparent in California, a state that has had a strong heritage in the medium since the turn of the century. Today it remains one of the country's most exciting centers of photography.

While East coast photographers have used the medium to document urban life, those in the west have been more concerned with landscape. More recently, California photographers have been experimenting with a diversity of images and

November 1984						
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techniques. Some construct sets specifically to be photographed; others paint, scrape, or mark their pictures; some juxtapose images with words.

A fully illustrated catalogue accompanies the show. It contains an essay by Louise Katzman, the exhibition checklist, and artists' bibliographies. Published by Hudson Hills Press in association with the San Francisco Museum of Modern Art, it is available for purchase in the museum lobby.

In conjunction with the exhibition, Andy Grundberg, photography critic for the New York Times will give a gallery talk on Photography in California at 2 p.m. Thursday, Nov. 15.

Doug Nickel, a Cornell graduate student and Ithaca photographer, will conduct two photography workshops on Sunday, Dec. 2. The first program, scheduled from 1 to 2 p.m., will introduce children to photography through discussion, demonstration, and hands-on experience. A 90-minute adult workshop will begin at 3 p.m.

The museum is open Tuesday through Sunday from 10 a.m. to 5 p.m. Admission is free. For more information, call 256-6464.

Herbert F. Johnson Museum

"From the Age of David to the Age of Picasso: French Drawings from a Private Collection" from November 7 through December 23.

"Photography in California: 1945-1970" from November 7 to December 23.

"Pop Art Prints" November 7 through December 23.

PUBLIC PROGRAMS: Sunday, November 11. Ithaca artist Janet Braun-Reintz will lead a drawing workshop that complements the French drawing exhibition from 1-2:30PM. Laura Meixner, Assistant Professor of Art History at Cornell will give a gallery talk and walk through the French drawing show from 3-4PM. Thursday, November 15 and Friday, November 16 in conjunction with Photography in California: 1945-1980, Andy Grundberg, photography critic for the New York Times will hold two writing workshops on photography criticism. Contact the museum for further information.

Olin Library

Samuel Johnson, Commemorating the 200th Anniversary of His Death. First editions of the "Dictionary", "Rasselas", and the "Vanity of Human Wishes". Hours: 10AM-5PM, Monday through Friday. Exhibit through December 31.

Films

Unless otherwise noted films are under sponsorship of Cornell Cinema.

Thursday

Nov. 8, 12:20PM 32 Warren Hall. Rural Sociology 104. "People are Many, Lands are Small" (Taiwan) and "Jibanak" (Gambia).

Nov. 8, 8PM *Uris Auditorium. CORNELL FILMMAKERS EXPOSITION: Best student films of recent years. Open. Cosponsored by IFMAC and Theatre Arts.

Friday

Nov. 9, 7:30PM *Uris Auditorium. "Annapurna: A Woman's Place." First women's climbing team to scale Annapurna. Cinematographer & co-director DYANNA TAYLOR will discuss the film. Cosponsored by Women's Studies, Cornell Women's Center.

Nov. 9, 8PM *Anabel Taylor Hall. "Seven Beauties" (1956) directed by Lina Wertmuller with Giancarlo Giannini. Open. Admission \$1.50.

Nov. 9, 10PM *Uris Auditorium. "My Dinner With Andre" (1981) directed by Andre Gregory with Wallace Shawn and Andre Gregory. Open.

Saturday

Nov. 10, 7:30PM *Uris Auditorium. "My Dinner With Andre".

Nov. 10, 8PM *Anabel Taylor Hall. "Duck Soup" (1933) directed by Leo McCarey with the Marx Brothers. Limited. Admission \$1.50.

Nov. 10, 10PM *Uris Auditorium. "The Cars That Ate Paris" (1977) directed by Peter Weir with Terry Camilleri and John Meillon. Open.

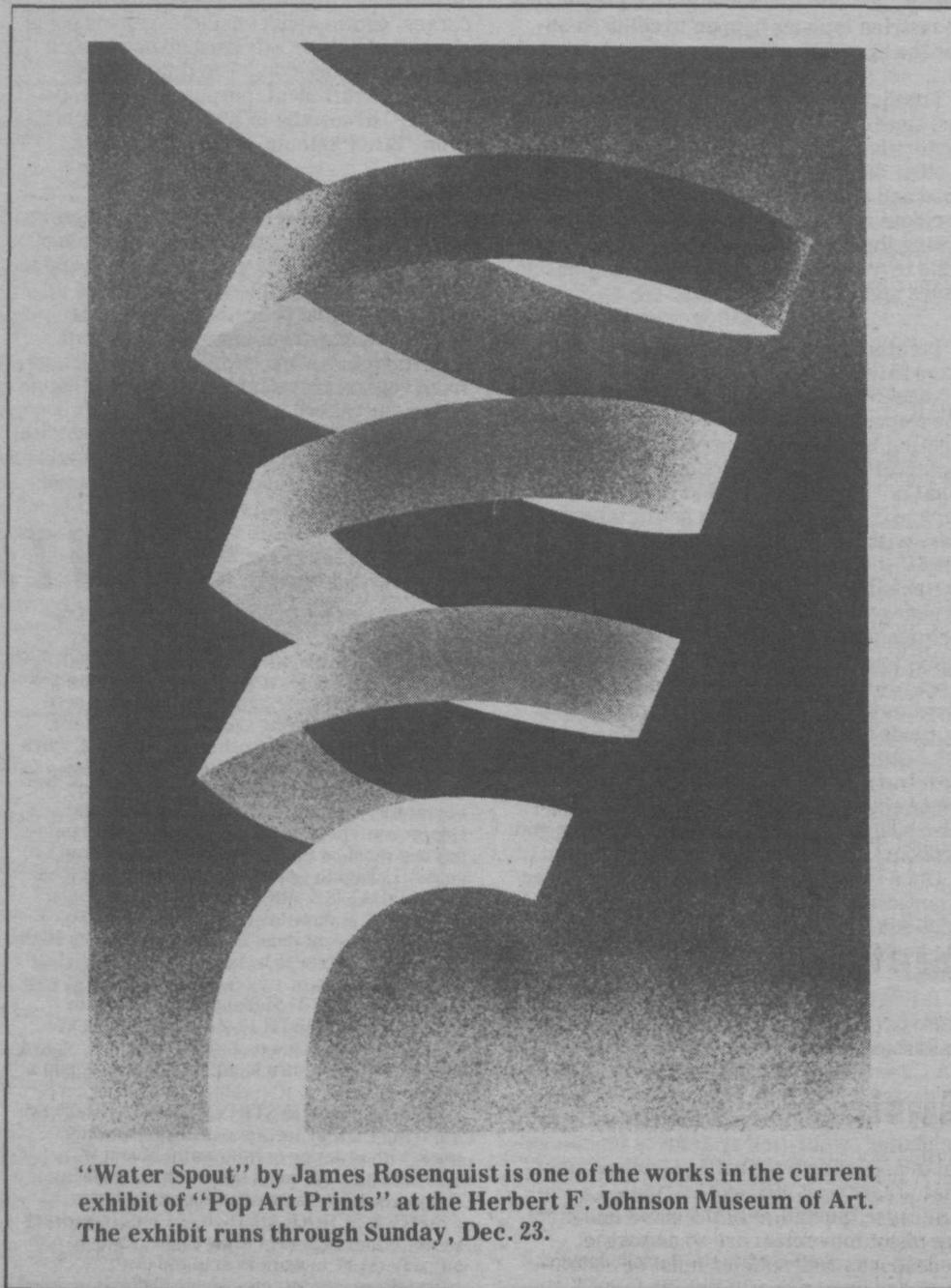
Sunday

Nov. 11, 2PM *Uris Auditorium. "Pippi Longstocking" (1974) directed by Olle Wellblom with Inger Nilson. Cosponsored by the Ithaca Youth Bureau. Admission \$1.50. Children under 12, \$1.00. Open.

Nov. 11, 8PM *Uris Auditorium. "Easy Rider" (1969) directed by Dennis Hopper with Jack Nicholson and Peter Fonda. Open.

Monday

Nov. 12, 9PM *Uris Auditorium. "The Blue Angel" (1930) directed by Josef von Sternberg



"Water Spout" by James Rosenquist is one of the works in the current exhibit of "Pop Art Prints" at the Herbert F. Johnson Museum of Art. The exhibit runs through Sunday, Dec. 23.

with Marlene Dietrich and Emil Jannings. Film Club members only.

Tuesday
Nov. 13, 4:30PM Rockefeller D (Room 230), Southeast Asia Film Series. "The Masked Dance". Thai political life dramatized by focusing on former Prime Miniater Kukrit Pramoj, who claims his skills as a politician were sharpened through his study of Thai masked dancing.

Nov. 13, 8PM *Uris Auditorium. "Born In Flames" (1983) with guest filmmaker Lizzie Borden. Cosponsored by Women's Studies and Cornell Women's Center. Open.

Wednesday
Nov. 14, 8PM *Uris Auditorium. "La Signora Di Tutti" (1934), directed by Max Ophuls with Isa Miranda and Memo Benassi. Open.

Thursday
Nov. 15, 12:20PM 32 Warren Hall. Rural Sociology 104. "A Forest Village in Thailand" (Thailand) and "The Land Reborn" (Sri Lanka).

Friday
Nov. 16, 8PM *Anabel Taylor Hall. "From Mao to Mozart" (1979), directed by Murray Lerner with Isaac Stern. Limited. Admission \$1.50.

Nov. 16, 10PM *Uris Auditorium. "Educating Rita" (1983) directed by Lewis Gilbert with Michael Caine and Julie Walters. Limited.

Saturday
Nov. 17, 7:15PM *Uris Auditorium. "Educating Rita".

Nov. 17, 8PM *Anabel Taylor Hall. "Lolita" (1962) directed by Stanley Kubrick, with Peter Sellers and James Mason. Limited. Admission \$1.50.

Nov. 17, 9:45PM *Uris Auditorium. "The Stationmaster's Wife" (1977) directed by R. W. Fassbinder with Elisabeth Trissenaar and Kurt Raab. Open.

Sunday
Nov. 18, 2PM *Uris Auditorium. "The World of Henry Orient" (1960) directed by George Roy Hill with Peter Sellers and Paula Prentiss. Open. Cosponsored by the Ithaca Youth Bureau. Admission \$1.50. children under 12, \$1.00. Rated PG.

Nov. 18, 8PM *Uris Auditorium. "Carnal Knowledge" (1971) directed by Mike Nichols with Jack Nicholson and Ann Margaret. Open.

Nov. 18, 8PM *Uris Auditorium. "Carnal Knowledge" (1971) directed by Mike Nichols with Jack Nicholson and Ann Margaret. Open.

Lectures

Friday
Nov. 9, 3PM 145 McGraw Hall. Bingham Powell, Jr. "Contemporary Democracies: Studying Political Stability and Change." Cosponsored by Government Dept. Graduate Student Assoc. and Western Societies Program.

Nov. 9, 4PM Rockefeller 230. "Japanese Cartoon Images of the U.S.: From Commodore Perry to Colonel Sanders", Peter Duus, Stanford University. "Worth a Thousand Words?": Chinese Visual Images of Westerners and the West".

Ralph Crozier, University of Victoria. Sponsored by the China-Japan Program.

Nov. 9, 4PM Hollis F. Cornell Auditorium. Professor David Daiches, Director of Advance Studies in the Humanities, Edinburgh University and Distinguished Visiting Professor of English at the University of Delaware. "Telling the Time: Sir Walter Scott and History".

Nov. 9, 8PM Founders Room, Anabel Taylor Hall. Armand M. Nicholi, Jr. "The Problem of Despair and the Ultimate Source of Hope."

Monday
Nov. 12, 12:15PM 370 Rockefeller Hall. Reuven Kimmelman (Brandeis University). "The Transformation from Priests to Rabbis in Classical Judaism". Sponsored by Near Eastern Studies.

Nov. 12, 3:30PM 101 Bradford Hall. "Seeds and Global Politics" by Norman F. Borlaug of the Center, Mexico, and A.D. White Professor-at-Large.

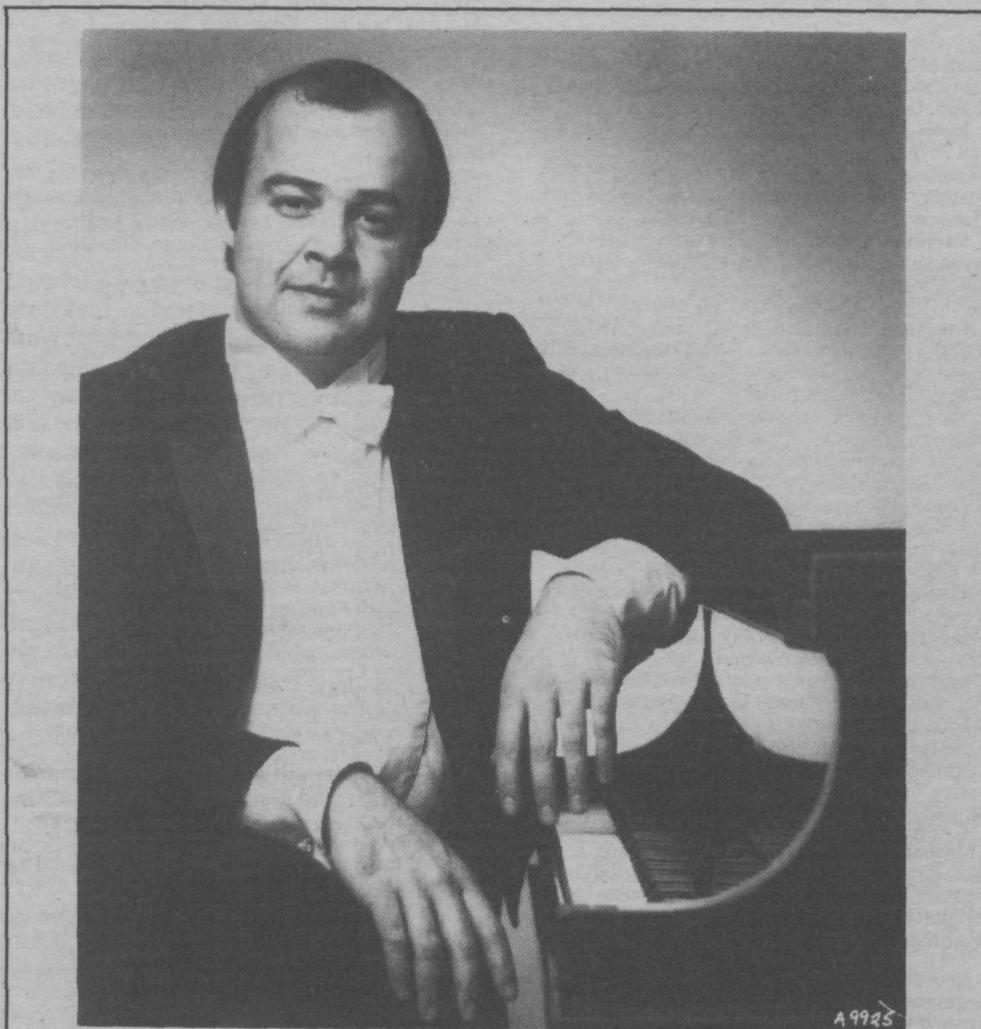
Nov. 12, 4PM Malott Hall, Room 253. "Politics and Economics in the Indian Sub-Continent" by A.M.A. Muhith. Reception following the lecture.

Muhith is former Minister of Planning and Finance, Bangladesh and Fellow, The Woodrow Wilson School, Princeton University.

Nov. 12, 7:30PM Anabel Taylor Hall, One World Room. "African and Asian Role in the Formation of the West and World Community", with Martin Bernal, Associate Professor of Government. Sponsored by America and World Community.

Nov. 12, 8PM 120 Ives. "Liberty and Justice... For All?" with Dr. Mary Frances Berry. Sponsored by the Third World Student Programming Board.

Tuesday
Nov. 13, 4:30PM Kaufmann Auditorium. GRACE PALEY - A Reading of Stories by the author and peace activist. Sponsored by Women's Studies Program.



Alexander Toradze exhibits "thrilling, effortless control, (and) musical virtuosity" at the keys of a piano, declared The New York Times. The winner of a silver medal in the 1977 Van Cliburn International Piano Competition will give an 8:15 performance in Bailey Hall, Tuesday, Nov. 13. Some tickets are still available at the Lincoln Hall ticket office, open 9 a.m. to 1 p.m., weekdays.

Wednesday
Nov. 14, 4PM Classroom C, Myron Taylor Hall. "A Separated Power: The Courts and The Constitution in the United Kingdom", Professor David G. T. Williams, President of Wolfson College, Cambridge, and Rouse Ball Professor of English Law. The public invited.

Nov. 14, 7:30PM Anabel Taylor Hall, One World Room. "African and Asian Role in the Formation of the West and World Community" with Martin Bernal, Associate Professor of Government. Sponsored by America and World Community.

Thursday
Nov. 15, 12:20PM 102 West Avenue. Charles Mehl, SEAP Graduate Student in Development Sociology. Topic on Thai Rural Development To Be Announced.

Nov. 15, 7:30PM 202 Uris Hall. PAULA J. CAPLAN - A Talk. "The Myth of Women's Masochism" by the psychologist and author of "Between Women". Cosponsored by Women's Studies, Psychological Services Gannett Health Center and Family & Children's Service of Ithaca.

Nov. 15, 7:30PM G-1 Stimson Hall. Dr. Robert Lacy, Franklin and Marshall College and Virginia Hayssen, Cornell; "Vegetation Patterns in a Semi-arid Region of Australia". Sponsored by Cornell Univ. Natural History Society (JORDANI).

Meetings
Thursday
Nov. 15, 7:30PM GIAC, Southeast Asia Refugee Assistance Program monthly meeting.

Music
Music Festival Opens Tonight
Local and visiting artists will take part in the Contemporary Music Festival which opens at Barnes Hall today with a free public recital at 8:15 p.m. by Rolfe Sokol, violin, and Michael Salmirs, piano, playing works of Bartok, Janacek and Cornell's Karel Husa. Tomorrow evening's

public program will feature music by graduate composers currently studying at the university.

On Saturday evening, visiting members of the Roxbury Chamber Players will present the third concert of this 17th annual festival. Their program, at 8:15 p.m., includes Ariel: Five Poems of Sylvia Plath (1971) by Ned Rorem, Four Fragments from the Canterbury Tales (1958) by Lester Trimble, Four Poems by Emily Dickinson, composed by Allan Blank in 1974, and Sonatine (1961) by Andre Jolivet. Performing in Saturday's concert are David Niethamer, clarinetist and artistic director of the group; Anni Baker, soprano; Patricia Werrell, flute; and Howard Meltzer, piano and harpsichord.

The Roxbury Chamber Players are resident ensemble in Roxbury, NY, each summer, giving a series of concerts called "Music in Historical Places" throughout Delaware County, and other performances.

Niethamer, principal clarinetist of the Richmond Symphony since 1979, was for two years a visiting lecturer at Ithaca College. Previously a founding member of the Catskill Woodwind Quintet, he has performed with the Lenox and Composers Quartets, and he has been a member of the Riverside Chamber Players since 1974. Soprano Baker joined the ensemble this year. A graduate of the Manhattan School of Music, she has spent the past three years singing concerts under the auspices of major U.S. corporations. She has also sung leading roles on and off Broadway and toured with the Saturn Trio and Chambersong.

Werrell currently plays with the Richmond Camerata and teaches and performs at Longwood College. As orchestral flutist, she has played with the Richmond Symphony, Catskill Symphony, and as soloist with orchestras in New Jersey, Michigan and Virginia. She is a frequent guest artist with the Riverside Chamber Players.

Meltzer will appear as guest of the Players. He is a member of the music faculty at Columbia University, where he is completing a doctorate in music, and St. John's University, New York. A founding member of the Riverside Chamber Players in 1972, he also performs for the Columbia Composers Concerts, where he has given several first performances of composers' works. He has played with the Caramoor Festival

Orchestra, Seattle Woodwind Quintet, Sotto Voce Trio and the Often Offenbach Ensemble.

Recital Will Feature World Premiere
A song recital will be given in Barnes Hall at 8:15 p.m. Thursday, Nov. 15. Performing in the free public concert are Gregory Mercer, tenor,

Barbara Chapman, harp, and Joe Feigin, piano.

Highlighting the program is the world premiere of a work by Feigin, a post-doctoral Mellon Fellow at Cornell University since last year. Mercer and Chapman will perform his newly completed Eight Japanese Poems for



MERCER

Harp and Tenor. Mercer will also sing Beethoven's "Adelaide" and groups of songs by Schubert, Brahms, Chausson and Britten.

A native of Washington, D.C., Mercer completed his studies at Rollins College and the Manhattan School of Music. He made his concert debut with the Florida Symphony and has had subsequent appearances as soloist with numerous ensembles such as Grant Park Symphony, Beethoven Society and New York Vocal Arts Ensemble in New York, Oratorio Society of New York at Carnegie Hall, Pro Arte Chorale, Westchester Choral Society, Monterey and Eugene Symphonies. He has sung leading roles in operatic productions throughout the country.

He was awarded the Jackson Prize while appearing at Tanglewood and was also a winner of the regional Metropolitan Opera auditions, in addition to receiving a full scholarship from the Goldovsky Opera Institute. Future engagements will take him on tours of the United States, Europe and South America. He has performed for CBS, NBC and German National Television, and has recorded for Vox Records.

Thursday
Nov. 8, 8:15PM Barnes Hall. Sokol/Salmirs Duo: Rolfe Sokol, violin; Michael Salmirs, piano. Works of Bartok, Janacek, Husa (Festival Concert).

Friday
Nov. 8, 8:15PM Barnes Hall. Cornell Graduate Composer Concert. Works of Alexander, Bradbury, Cohen, Grant, May, Tarsy (Festival Concert).

Saturday
Nov. 9, 8:15PM Barnes Hall. Roxbury Chamber Players. Vocal and Instrumental works of Jolivet, Rorem, Blank, Trimble (Festival Concert).

Tuesday
Nov. 13, 8:15PM *Bailey Hall. Alexander Toradze, piano. Works of Haydn, Liszt, Ravel, Prokofiev (Series Concert).

Thursday
Nov. 15, 8:15PM Barnes Hall. Chamber Music: Gregory Mercer, tenor; Barbara Chapman, Harp; Joel Feigin, piano. Works of Beethoven, Chausson, Brahms, Schubert, Feigin.

Friday
Nov. 16, 8:15PM Barnes Hall. Amadeus Winds and Malcolm Bilson, fortepiano. Works of Mozart.

Saturday
Nov. 17, 8:15PM Bailey Hall. Cornell University Orchestra conducted by Edward Murray, Takanori Ohira, violin. Strvinsky's Petrouchka; works of Tchaikovsky, Schumann.

Sunday
Nov. 18, 4PM Barnes Hall. Cornell Collegium Musicum directed by John Hsu. Music of 16th and 17th century France.

Religious Services

Friday
Nov. 9, 5:30PM Anabel Taylor Hall, Founders Room. Shabbat Services (Conservative/Egalitarian Minyan).

Nov. 9, 5:30PM Anabel Taylor Chapel. Shabbat Services (Reform Minyan).

Nov. 9 Call 272-5810 for information about the Orthodox Minyan.

Saturday
Nov. 10, 9:15AM Anabel Taylor Hall, Edwards Room. (Orthodox Minyan).

Nov. 10, 10AM Anabel Taylor Hall, Founders Room. (Conservative/Egalitarian Minyan).

Sunday
Nov. 11, 11AM Sage Chapel. Speaker: Peggy Way, Associate Professor of Pastoral Theology, Vanderbilt Divinity School.

Sunday
Nov. 18, 11AM Sage Chapel. Speaker: Robert R. Wilson, Professor of Physics Emeritus, Cornell.

Continued on Page 8

Calendar

Continued from Page 7

Seminars

Agricultural Engineering "Computers in Cooperative Extension," Rick Koelsch and Joseph Campbell, 12:20 p.m. Monday, Nov. 12, 400 Riley-Robb Hall.

Animal Science: "The Scientific Approach to Animal Welfare," David Wood-Gush, Farm Animal Behaviorist, Professor, Edinburgh School of Agriculture, University of Edinburgh, Scotland, 4:30 p.m. Wednesday, Nov. 14, 348 Morrison Hall.

Applied Mathematics: "Anti-Symmetric Matrices, Staircase Functions and Linear Programming," Prof. Charlea Brodyen, Department of Computer Science, University of Essex, United Kingdom, 4:30 p.m. Thursday, Nov. 8, Upson Lounge.

Applied Mathematics: (Bill Sears Club) "New Geometric Approaches to the Analysis of Feedback Systems," Asst. Prof. David Delchamps, School of Electrical Engineering, Cornell, 2:30 p.m. Friday, Nov. 9, 114 Hollister.

Astronomy: "The Local Interstellar Medium—Less than 100 pc Away," Don York, Spaces Teles. Sci. Inst., 4:30 p.m. Thursday, Nov. 15, Space Sciences 105.

Biophysics: "The Intracellular Polymerization of Sickle Cell Hemoglobin and Its Relevance to Sickle Cell Disease," Dr. Alan Schechter, chief, Laboratory of Chemical Biology, NIADDK, National Institutes of Health, 4:30 p.m. Wednesday, Nov. 14, 700 Clark Hall.

Boyce Thompson: "Selection and Characterization of Soybean Mutants that Nodule in the Presence of Nitrate," Dr. Bernard Carroll, the Australian National University, Canberra, Australia, 3:15 p.m. Tuesday, Nov. 13, BTI Auditorium.

Boyce Thompson: "In Vivo Energetics of Symbiotic Nitrogen Fixation," Dr. R. W. F. Hardy, E. I. duPont de Nemours Inc., Wilmington, Del., 3:15 p.m. Wednesday, Nov. 14, BTI Auditorium.

Chemical Engineering: "Synthesis and Evaluation of Alternative Chemical Production Routes," Prof. George Stephanopoulos, Chemical Engineering, MIT, 4:15 p.m. Tuesday, Nov. 13, Olin 145(A).

Chemistry: "State Resolved Unimolecular Reaction Dynamics," Prof. C. Bradley Moore, University of California, Berkeley, 4:40 p.m. Thursday, Nov. 15, 119 Baker Laboratory.

Design and Environmental Analysis: "Presentations at Professional Meetings," Susan Hester, Susan Watkins, Bea Ziegert, Gret Atkin, Jean McLean, 4:30 p.m. Tuesday, Nov. 13, 317 Martha Van Rensselaer.

Ecology and Systematics: "Evolution of Host Preference and Diet Breadth in Euphkrkas Editha Butterflies," Michael Singer, Depart-

ment of Zoology, University of Texas, Austin, 4:30 p.m. Thursday, Nov. 8, Morison Seminar Room, Corson Hall.

Ecology and Systematics: "On Development and Evolution," Keith S. Thomson, Division of Vertebrate Zoology, Peabody Museum of Natural History, Yale, 4:30 p.m. Wednesday, Nov. 14, Morison Seminar Room, Corson Hall.

Facilities Planning and Management: "Developing Furniture Standards," Spencer Friedman, manager of facilities, Shell Oil Co., Houston, 4:30 p.m. Monday, Nov. 12, 317 MVR.

Floriculture and Ornamental Horticulture: Title TBA, Dominic Durkin, Horticulture Department, Rutgers University, 12:15 p.m. Thursday, Nov. 15, 37 Plant Science.

Food Science: "Characterization and Measurement of Fiber," Peter Van Soest, professor, Animal Sciences, Cornell, 4:30 p.m. Tuesday, Nov. 13, 204 Stocking Hall.

Geological Sciences: "Heat Transfer and Magma Generation," Prof. Hatten Yoder, Carnegie Institute, 4:30 p.m. Wednesday, Nov. 14, 120 Snee Hall.

Interdisciplinary Research: "Research on Farming Systems," Carolyn Sacks, Rural Sociology, Penn State University, 12:15 p.m. Thursday, Nov. 15, 401 Warren Hall.

Jugatae: The Evolution of Predation in Ponerine Ants," William Brown, Cornell, 4 p.m. Monday, 100 Caldwell Hall.

Materials Science and Engineering: "Silicon Carbide Fiber-Reinforced Glass-Ceramic Composite," K. Chyung, Corning Glass, 4:30 p.m. Thursday, Nov. 15, 140 Bard Hall.

Mechanical and Aerospace Engineering: "Some Problems of Heat Transfer with Solidification," Prof. W. Schneider, Technische Universität Wien, 4:30 p.m. Thursday, Nov. 15, 282 Grumman Hall.

Neurobiology and Behavior: "Nerve Factor Regulation of Acetylcholine Receptor Site: Density and Distribution," Thomas Podleski, Neurobiology and Behavior, Cornell, 12:30 p.m. Thursday, Nov. 8, Morison Seminar Room, Corson Hall, (first floor atrium).

Operations Research: Reliability Demonstrations for Series Systems," Prof. Saul Blumenthal of Ohio State University, 4:30 p.m. Tuesday, Nov. 13, 107 Upson Hall.

Ornithology: "Whither Two Warblers?—Thoughts on the Current Status of the Blue-winged, Golden-winged Warbler Complex," Frank Gill, Philadelphia Academy of Natural Science, 7:45 p.m. Monday, Nov. 12, Fuertes Room, Laboratory of Ornithology.

Pharmacology: "Pharmacokinetics of Lidocaine in Dogs: Its Application to the Management of Clinical Arrhythmias," Jeff Wilcke, Virginia-Maryland Regional College of Veter-

inary Medicine, 4:30 p.m. Monday, Nov. 12, D-105 Schurman Hall.

Physiology: "Fetal Growth and Newborn Survival," David Mellor, Animal Disease Research Moredun Institute, Edinburgh, Scotland, 4:30 p.m. Tuesday, Nov. 13, G-3 Veterinary Research Tower.

Planning: "The Necessity of Hope in Planning," Janet Corpus, assistant professor, SUNY Buffalo, 12:15 p.m. Friday, Nov. 9, 208 West Sibley.

Plant Biology: "The Use of Isolated Protoplasts to Study Sugar Transport Mechanisms in Soybeans," Willy Lin, staff scientists, Central Research & Development Experiment Station, E. I. du Pont de Nemours & Co., Wilmington, Del., 11:15 a.m. Friday, Nov. 9, 204 Plant Science.

Plant Pathology: "Morphological Variation and Transmission of Tomato Ringspot Virus by Xiphinema spp. from Apple Orchards in New York State," Laura Georgi, 4:30 p.m. Tuesday, Nov. 13, 404 Plant Science.

Plasma Studies: "The TARA Tandem Mirror Experiment," Dr. Richard S. Post, MIT, 4:30 p.m. Wednesday, Nov. 14, Laboratory of Plasma Studies, 282 Grumman Hall.

Pomology: (joint with Vegetable Crops) "Biomass Partitioning and Yield Component Interaction in Native Populations of Highbush and Lowbush Blueberries," Marvin Prittis, Department of Pomology, 4:30 p.m. Thursday, Nov. 15, 404 Plant Science.

Poultry Biology: "What Are the Metabolic Bases for the Influence of Dietary Electrolytes in Acid-Base Balance on Amino-Acid Metabolism—Some Recent Observations in the Rat," N. Forsberg, Poultry and Avian Sciences, Cornell, 4:30 p.m. Thursday, Nov. 15, 300 Rice Hall.

Psychology: Dr. Barbara Finlay, Psychology Department, Cornell, 3:30 p.m. Friday, Nov. 9, 202 Uris Hall.

Rural Development Committee: "Employment and Income in Small-Scale Forest Industries," Mafa Chipeta of FAO's Forestry Division, 12:15 p.m. Monday, Nov. 12, 202 Uris Hall. Co-sponsored with International Studies in Planning.

Statistics: Biased Comparisons: Two Examples from Clinical Trials," Joseph G. Voelkel, Allied Corp., Syracuse Research Laboratory, 3:30 p.m. Wednesday, Nov. 14, 105 or 120 ILR Conference Center.

Theoretical and Applied Mechanics: Liquefaction of Saturated Granular Soils," Prof. Isao Ishibashi, C&EE, Cornell, 4:30 p.m. Wednesday, Nov. 14, 205 Thurston Hall.

Toxicology: "An Industrial View of Health and Safety Issues," John A. Gardiner, manager of registration and regulatory affairs, E. I. DuPont de Nemours and Co., Inc., Wilmington, Del., 12:15 p.m. Friday, Nov. 9, NG02 Martha Van Rensselaer.

Western Societies Program: "Secular and Religious Festivals in Andalusia: Carnivals and Pilgrimages," Prof. Jerome Mintz, An-

thropology, Indiana University, 12:15 p.m. Thursday, Nov. 8, Luncheon Group in 360 Uris.

Sports

Friday-Saturday

Nov. 9 & 10 Women's Volleyball, New York State Championships.

Friday

Nov. 16, 7:30PM Schoellkopf. Men's Varsity Soccer - Pennsylvania.

Saturday

Nov. 17, 1PM Schoellkopf. Varsity Football - Pennsylvania.

Theater

Thursday - Saturday

Nov. 8-10, 8:15PM Willard Straight Theatre "As You Desire Me". Experience the riddle of multiple identity in this new adaptation of a classic by Luigi Pirandello, the master of the question mark. The play is directed by Robert Gross, Artistic Director Theatre Cornell '83-84.

Nov. 15-17, 8:15PM Drummond Studio. "The Gas Heart" by Tristen Tzara. Directed by Tony Cronin. Free.

Friday - Saturday

Nov. 9 & 10, 8:15PM Statler Auditorium. Cornell Savoyards present Gilbert & Sullivan's H.M.S. PINAFORE. Tickets at the Statler Box office Monday - Saturday from 12PM - 5PM or call 256-7263.

Sunday

Nov. 11, 2PM Statler Auditorium. H.M.S. PINAFORE.

Nov. 11, 2:30PM Willard Straight Theatre. "As You Desire Me"

Thursday - Saturday

Nov. 15-17, 8:15PM Willard Straight Theatre. "As You Desire Me"

Friday - Saturday

Nov. 16 & 17, 8:15PM Statler Auditorium. H.M.S. PINAFORE.

Sunday

Nov. 18, 2PM Statler Auditorium. H.M.S. PINAFORE.

Graduate Bulletin

Reminder All students who plan to submit an MA, MS, MFA (Creative Writing or Music), MPS(AAA), or PhD thesis should see the thesis secretary in the Graduate School some time before the thesis defense to ensure that Graduate School rules are being followed. All masters theses should be given final approval before copying. Please remember that you have only sixty (60) days after passing the thesis defense which to submit the thesis to the Graduate School. The deadline for a January degree is January 18, 1985.

November 21 is the deadline for NSF 1985-86 Graduate and Graduate Minority Fellowship applications.

The Week in Sports

Men's Hockey Team Opens Home Season Saturday with Guelph

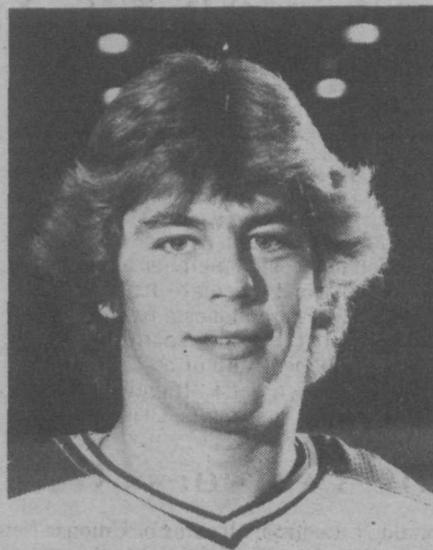
By BILL HOWARD
Sports Information

The Cornell men's hockey team begins its home season with an exhibition game against Guelph University of Canada at 7:30 p.m. Saturday in Lynah Rink. The Big Red men's and women's gymnastics teams will also warm up for the 1984-85 campaign with their annual exhibition at 7:30 p.m. Friday in Teagle Hall. The only other home event this weekend is the New York State Women's Volleyball Championships, to be held at Helen Newman Hall Friday and Saturday.

The character has changed, but many of the names have remained the same in hockey. That's how third-year hockey coach Lou Reycroft looks at his current Big Red edition. Last year, Reycroft, in just his second campaign, guided his skaters to their second consecutive share of the Ivy League title. And while doing this, he skated 15 freshmen and sophomores. Only two regulars are missing from that club.

Although the last two teams have been inexperienced ones, the 1984-85 sextet is basically a mature, veteran team. Take this group of seasoned performers, add a very good freshman contingent and the results are a team with more talent and depth.

Cornell will play all of its games on the



DUANE MOESER
Hockey Standout

weekend with either Friday-Saturday contests or Saturday-Sunday competition. It will play home-and-home games with everyone in the 12-team ECAC loop (expect

Army; teams will play the Cadets once). At the end of the season, the top eight teams will make the playoffs with the first four receiving home ice for a two-game quarter-final series.

The Big Red opens its regular season next weekend with two contests at home. Cornell will take on Princeton on Nov. 17 and then entertain Army the next evening. Both games will begin at 7:30 p.m.

Friday's exhibition will serve as a warm-up for both the men's and women's gymnastics squads as they prepare for the start of the 1984-85 campaign. The women, under first-year head coach Alicia Goode, begin their season Dec. 1 with the annual Cornell Invitational meet. The men, under second-year coach Phil Rach, will have a dual meet at Springfield that day. Last year, the women's team set a school record for most victories in a season (9-4) and won its third straight New York state title, while the men's squad went 6-4 and captured its third consecutive Ivy League championship.

Two veterans on the Big Red women's team, seniors Birgit Zeeb and Karen Walsh, will be unable to compete on Friday. Zeeb broke her foot during pre-season practice and will be out of the lineup until January. Walsh has a minor knee sprain that will keep her from competing at the exhibition, but she should be ready for the

beginning of the season. Still, Cornell has a solid group of veterans who will perform on Friday, headed by junior Julie Hamon, who was one of the squad's top performers last winter. Hamon, along with sophomore Carolyn Boos, will perform in each of the four events, while classmate Liz Spiegel will display her difficult routine on balance beam. Senior Mara Horwitz will be a competitor on both floor exercise and vaulting.

The New York State's Women's Volleyball Championships return to Helen Newman for the second straight year, with defending champion Cornell looking for its fourth consecutive title. In the 1983 event, the Big Red swept through the competition, defeating the other five teams in the field. This year's tournament will consist of four teams, and round-robin competition will begin on Friday. The two top squads from the round-robin matches will play against each other on Saturday for the state championship.

This is the second straight weekend that Cornell is serving as the host for a women's volleyball championship event. This past weekend, the Ivy League tournament took place on campus and the Big Red spikers tied for third among the eight schools. Cornell had a 4-3 weekend in the three-day competition, raising its record to 22-10.

PEOPLE

First Chemical Ecology Award Goes to Jacobs

Robert Jacobs, a graduate student in chemistry, is the recipient of the first J. Stanford Smith Graduate Research Fellowship in chemical ecology.

The fellowship was established by the International Paper Co. Foundation in memory of the firm's late chairman. Smith was the Executive-in-Residence at the Cornell Graduate School of Management for two semesters in 1981 and 1982.

The award was made, in part, to further the collaborative research in the field of chemical ecology that has been pursued for more than two decades by Thomas Eisner, the Jacob Gould Schurman Professor of Biology, and Jerrold Meinwald, the Goldwin Smith Professor of Chemistry. The relatively new field of chemical ecology is concerned with understanding the interplay, at the molecular level, between organisms and their environment.

A graduate student working in Meinwald's laboratory, Jacobs is a native of Wilkes Barre, Pennsylvania; he received his B.S. from King's College (1981). His research involves the synthesis of biologically active compounds, in particular two novel insect repellants that are produced by the carrion beetle. After his doctoral research is completed, Jacobs plans to pursue an industrial research career that would combine his organic chemical and biological interests.

Banks Named as New Bursar

Richard W. Banks, associate bursar since 1982, has been named bursar. He succeeds M. Jean Merwin, who retired Oct. 31.

Banks' appointment, announced by University Controller John S. Ostrom, was effective Nov. 1. A 1974 graduate of the State College of Agriculture and Life Sciences, Banks majored in business management and marketing in the department of agricultural economics.

He joined the Office of the Bursar in 1978

Ornithologists Honor Emlen

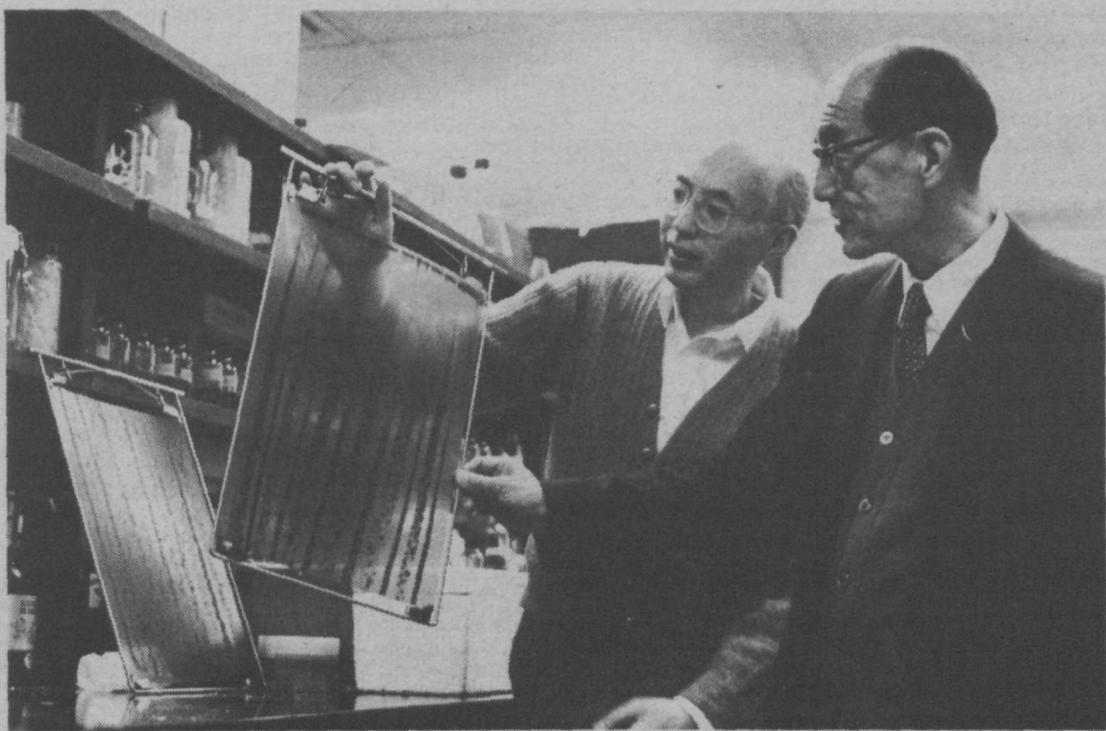
Stephen T. Emlen, professor of animal behavior in the Section of Neurobiology and the recipient of the 1984 William Brewster Memorial Award of the American Ornithologists' Union (AOU) for his studies of Western Hemisphere birds.

The award to Emlen, a specialist in the navigational capabilities of migratory birds and the adaptive significance of differing social organizations among other

Thomas C. Weiler, a specialist in florist crops, has been appointed associate professor of floricultural science in the State College of Agriculture and Life Sciences.

Weiler comes from Purdue University, where he has been a faculty member for the past 15 years. During his leave in 1983-84, he served as a visiting associate professor of floriculture at Cornell. Weiler will devote 75 percent of his time to extension and research and the rest to teaching. His responsibilities include developing and conducting an integrated program of extension and applied research in floricultural science, focusing on major problems affecting florist crop production.

Long-Xiang Zhang (right), president emeritus of Beijing University, examines a radioautogram showing the pattern of DNA sequence analysis during a tour of the biological sciences labs at Wing Hall. Cornell's Ray Wu (left), professor of biochemistry, molecular and cell biology, was host to Zhang during his visit to Cornell earlier this week. Wu and Zhang are counterparts in the "China-U.S. Biochemistry Examination and Application Program" for recruiting Chinese biochemistry students to earn Ph.D. degrees at American universities. Now in its third year, the joint program this year has 50 enrolled at schools in this country, including two at Cornell.



Kahn One of Four 'Prophets of Regulation'

Cornell economist Alfred E. Kahn, known as the father of airline deregulation, is one of four "prophets of regulation" discussed in depth in a recently published book on the history of economic regulation in America.

Written by Thomas K. McCraw, a professor in the Graduate School of Business Administration at Harvard, the book — "Prophets of Regulation" — was published this fall by The Belknap Press of Harvard University Press. The other "prophets" in the book are Louis D. Brandeis, James M. Landis, and Charles Francis Adams.

"Each of the four main characters represent an independent social force," according to the book jacket. "...together their remarkable careers cover the entire historical span of modern American regulation: the early years of industrialization, the 1870s, represented by Adams; the Progressive Era by Brandeis, the 'patron saint' of the regulatory tradition; the New Deal by the controversial and tragic Landis; and the 1970s, when regulation and deregulation flourished simultaneously, by Kahn."

The promotional material for the book also says, "Each man decisively affected the evolution of regulation and was a theoretician as well as a maker of public policy. McCraw probes their ideas, re-

counts their accomplishments, and reveals what happened to the men and the agencies they founded and influenced. He shows that regulation can succeed, for most of the stories are of successful operations."

Kahn, who joined the Cornell faculty in 1947, is the Robert Julius Thorne Professor of Political Economy at Cornell and a Special Consultant to National Economic Research Associates.

In October of 1978, he was appointed by President Carter to serve as adviser to the president on inflation and as chairman of the Council on Wage and Price Stability. He left those positions four years ago to return to his chair in economics at Cornell.

He also served as chairman of the Civil Aeronautics Board (1977-78), and as chairman of the New York State Public Service Commission (1972-77).

During his tenure at Cornell, Kahn has served as chairman of the department of economics (1958-1963), member of the Board of Trustees of the university (1964-1969), and Dean of the College of Arts and Sciences (1969-1974).

Anderson SE Asia Director

Benedict R. O'Gorman Anderson, professor of government and Asian studies, has been named director of the Cornell Southeast Asia Program and the Southeast Asia National Resource Center for a five-year term. He succeeds Stanley J. O'Connor, professor of art history and Asian studies at Cornell.

Anderson has been a member of the Cornell faculty and associate director of the Cornell Modern Indonesia Project since 1967. A specialist in modern politics of Southeast Asia, he is author of "Java in a Time of Revolution" and "Imagined Communities: Reflections on the Origins and

Spread of Nationalism," as well as numerous articles and monographs. In 1966, he helped found the multi-disciplinary journal, "Indonesia," served as its chief editor from 1966-80, and continues as a contributing editor.

Cornell's Southeast Asia Program is the major center in the U.S. for the study of the region, its languages, and its cultures. One of three federally-funded national resource centers devoted to the study of Southeast Asia, the Cornell center also maintains, in Olin Library, the John M. Echols Collection on Southeast Asia, the largest collection of its kind in the world.

Cult Awareness Group Elects Loomis

Ronald N. Loomis, director of Unions and Activities, has been elected to the national board of directors of the Citizens Freedom Foundation, the largest cult awareness organization in the U.S. He will serve a three-year term.

Loomis has been conducting cult awareness programs in upstate New York since 1979. In the past year, he has presented more than 30 different cult education

awareness programs, reaching an audience estimated at more than 4,000.

He was one of several speakers at the recent conference of the Citizens Freedom Foundation (CFF), a network of 60 affiliated groups of volunteers in 32 states. CFF is a non-profit organization founded to educate the public about the deception, mind-control, and exploitation practiced by destructive cults.

Neal R. Stamp, university counsel emeritus, chaired a discussion on "governing board committee structures and ways to make them more effective," at the fall meeting of the Association of Governing Boards of Colleges and Universities, Sept. 30 through Oct. 2, in Washington, D.C. There are some 800 institutions in the association.

Number 45

Please Post

November 8, 1984

Cornell University

University Personnel Services
Day Hall
Ithaca, New York 14853
607/256-5226

Please Note:

Job Opportunities is a publication of Staffing Services and is distributed each Thursday through the Cornell Chronicle.

Job Opportunities lists current vacancies within the University, consistent with the University's commitment to promotion from within, affirmative action, and equal opportunity employment.

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. Applications can be submitted through the mail to University Personnel Services, Staffing Services, 160 Day Hall, Ithaca, N.Y. 14853. For more information on jobs listed, contact Staffing Services (607) 256-5226.

Employee Transfer Applications: Employees who wish to transfer to other jobs within the University should complete a separate Employee Transfer Application form for each position and submit them to Staffing Services. Individuals with official University layoff status will be given preference in referrals.

This listing is also available on CUINFO

Cornell University's computerized information service. For further CUINFO details, contact the Information and Referral Center at 256-6200 or Computer Services.

New vacancies are listed for two weeks in Job Opportunities.

*Asterisks identify jobs that were not listed last week.

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

Minimum Starting Salary: \$11,125
Job Number: C452

*Position: Secretary, GR18
Department: International Student Office
Description: Serve as office receptionist and provide secretarial support for several staff members. Duties include referring foreign students to appropriate staff members for assistance; typing correspondence from dictaphone; filing. Other duties as assigned.

Requirements: High school diploma or equivalent. Business or secretarial school preferred. Medium typing. Experience in dealing with public. Ability to work under pressure with many interruptions.

Minimum Starting Salary: \$10,500
Job Number: C451

*Position: Senior Records Assistant, GR18
Department: Technical Services - Uris Library

Description: Responsible for a variety of processing tasks including search book orders, place orders through automated system; catalog maintenance; file and/or revise cards; assist librarian with problem solving; train and oversee two part-time student assistants; work at Circulation Desk approximately two hours per week and one Saturday per month.

Requirements: Associate's degree or equivalent. Light typing. Previous library experience helpful. Strong organizational skills. Ability to work independently. Ability to function under pressure and attention to detail.

Minimum Starting Salary: \$10,500
Job Number: C456

*Position: Secretary, GR18
Department: University Relations/News Bureau

Description: Assist in preparation, mechanical reproduction and prompt distribution of stories released to newspapers, magazines, radio/TV stations. Prepare "scanner ready" copy for Ithaca Journal computer in producing Cornell Chronicle; type drafts, memos and letters for staff writers; route calls and visitors; appropriate news staff or other offices within University.

Requirements: High school diploma or equivalent. Business or secretarial school preferred. Heavy typing. Knowledge of word processing equipment, IBM memory typewriter, mimeograph and mailing equipment. Must have good knowledge of spelling, grammar and punctuation. Ability to type accurately under pressure and respond to deadlines.

Minimum Starting Salary: \$10,500
Job Number: C454

*Position: Night Supervisor, GR18 (Repost)
Department: Hotel Library

Description: In charge of School of Hotel Administration Library at night and Sundays. Duties include photocopy service; stack supervision; some reference. Other duties as assigned.

Requirements: Associate's degree or equivalent. Light typing. Library experience highly desirable. Good communication skills.
Minimum Starting Salary: \$10,500
Job Number: C395

Position: Administrative Aide, GR21
Department: Human Service Studies

Description: Monitor accounts, purchasing and billings; coordinate departmental business class schedules and summer session; provide supervision of clerical staff in absence of Administrative Manager; prepare appointment forms and payroll; assist Chairman and Administrative Manager in Departmental administration as needed.

Requirements: Associate's degree or equivalent. Light typing. Experience in academic setting. Knowledge of accounting procedures. Good interpersonal skills. Demonstrated supervisory experience. Attention to detail. Ability to handle confidential information.
Minimum Starting Salary: \$12,469
Job Number: C446

Position: Administrative Aide, GR20
Department: Office Equipment Center

Description: Provide administrative support to the Business Manager. Assist in preparation and monitoring of department budget; maintain accounts and petty cash; handle correspondence and schedule travel.

Requirements: Associate's degree in business administration or office management or equivalent. Medium typing. Ability to operate word processor and/or microcomputer. Light bookkeeping skills. Excellent interpersonal skills.
Minimum Starting Salary: \$11,739
Job Number: C4413

Position: Accounts Assistant, GR19

*Asterisks identify jobs that were not listed last week.

Job Opportunities

Cornell University is an equal opportunity, affirmative action employer.

Administrative/Professional

The minimum salaries listed are for recruitment purposes only.

*Position: Grant & Contract Administrator
Department: Office of Sponsored Programs
Description: Provide assistance in the development, processing and administration of proposals for external sponsorship.

Requirements: Associate's degree or equivalent. Bachelor's degree or equivalent preferred. 1-2 years related experience desired. Please send cover letter and resume to Ralph D. Jones.

Job Number: PA453

*Position: Research Support Specialist II
Department: Food Science & Technology - Geneva, NY

Description: Carry out research in winemaking; processing of fruit; application of pure culture techniques in propagation of yeast inocula; chemical analyses for measurement of compounds in wines; development of new analytic procedures may be required; assist in design and operation of tastings; aid in solving problems of commercial wineries.

Requirements: Bachelor's degree or equivalent in food science or enology. Master's degree preferred. Courses in chemistry and microbiology. Experience in food processing or in a winery is useful. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT452

*Position: Applications Programmer I
Department: Computer Services (APS)
Description: Maintain, develop and install, document and modify software required for the administrative systems. Program in batch processing language; use PL/1 and COBOL; code and debug on-line NATURAL programs.

Requirements: Bachelor's degree or equivalent with computer-related courses or equivalent combination of experience and education. 1-2 years experience with machine architecture, programming languages, production procedures and system utility programs is necessary. A business financial background is preferred. Please send cover letter and resume to Cynthia Smithbower.

Minimum Starting Salary: \$16,500
Job Number: PT452

Position: Administrative Manager II
Department: Electrical Engineering
Description: Assists Director in preparation of budgets; coordinates financial planning for the School; oversees accounting procedures for research accounts. Liaison for the School with University Personnel Services. Oversees renovations, repairs, space assignment and planning for the School. General executive assistance to the Director as appropriate.

Requirements: Bachelor's degree or equivalent experience required. 3-5 years experience in college or university administration or related field. Cornell administrative experience preferred. Working knowledge of departmental accounting procedures is important. Send cover letter and resume to Ralph D. Jones by November 30, 1984.

Job Number: PA441

Position: Business Manager

Department: Physical Education & Athletics
Description: Oversee the planning and management of the business and financial aspects of the Physical Education and Athletics Department including accounting, budgeting, payroll and personnel functions. Oversee \$5 million-plus budget. Responsible for administrative services including central office and computer system.

Requirements: Bachelor's degree in business or equivalent required. Master's degree preferred. 3-5 years supervisory and financial management experience. Knowledge of computerized systems and enterprise operations desired. Strong financial planning and analysis skills. Send cover letter and resume to Ralph D. Jones by November 24, 1984.

Job Number: PA442

Position: Administrative Supervisor II
Department: Office Equipment Center

Description: Responsible for the direction of fiscal and policy concerns of the department including all accounting and auditing needs. Generally supervises and assists in the management of the sales, leasing, renting and servicing functions for a wide range of office equipment.

Requirements: Bachelor's degree or equivalent in business administration required. Master's degree preferred. Two years experience as a business manager or accountant with supervisory responsibilities. Auditing experience helpful. Send cover letter and resume to Ralph D. Jones by November 16, 1984.

Job Number: PA443

Position: Systems Programmer I (Repost)
Department: Theory Center

Description: Under direct supervision, installs, modifies, maintains and develops large scale operating systems software and hardware.

Requirements: Bachelor's degree or equivalent in computer science. Experience with UNIX operating system. Some programming experience required. Please send cover letter and resume to Cynthia Smithbower.

Minimum Starting Salary: \$16,500
Job Number: PT352

Position: Business Manager
Department: Transportation Services

Description: Assumes primary responsibility for all financial and business operations of the department. Assist in the development of \$3 million operating budget and \$8 million capital budget. Responsible for financial planning, cash handling, internal controls, accounting, budget, records and statistical analyses.

Requirements: Bachelor's degree in business administration or equivalent. Master's degree preferred. At least three years progressive experience in a business setting. Strong background in accounting, financial management, understanding of on-line computing and micro-computer operations. Please send cover letter and resume to Ralph Jones by November 9, 1984.

Job Number: PA433

Position: Research Support Specialist II
Department: Human Development & Family Studies

Description: Provide supervisory and technical assistance for the project director of a new study of child abuse and neglect reports in New York State. Will be involved in all aspects of the study including data collection and analysis, as well as writing reports and publications. One year appointment.

Requirements: Master's degree or equivalent in the social sciences or equivalent combination of education and experience. Research experience and some statistical expertise necessary. Experience in supervising support and temporary field staff useful. Ability to oversee data entry and perform data analysis on Cornell's mainframe computer essential. Please send cover letter and resume to Cynthia Smithbower.

Minimum Starting Salary: \$16,500
Job Number: PT432

Clerical

All applicants interested in positions requiring typing must take an official University test. Tests are given Mondays and Wednesdays at 8:00 a.m., Room 337, Statler Hall. Please contact Staffing Services for an appointment.

*Position: Administrative Aide, GR20
Department: Albert R. Mann Library
Description: Secretarial and administrative support duties for the Librarian and Associate Librarian in a very busy office. Major responsibilities include typing and expediting personnel forms and maintaining personnel files; arranging complex travel, meeting and appointment schedules; receptionist and telephone call screening; mail sorting and interpretation; typing and filing.

Requirements: Associate's degree or equivalent. Heavy typing. At least 3-5 years secretarial/administrative experience in a public office. Excellent heavy typing and word processing skills essential. Knowledge of other applications programs and familiarity with IBM PC highly desirable. Excellent organizational, interpersonal and communication (written and oral) skills. Ability to work under pressure.

Minimum Starting Salary: \$11,739
Job Number: C453

*Position: Secretary, GR20
Department: Public Affairs Regional Offices - Metropolitan New York Regional Office, New York City

Description: Type correspondence, forms, vouchers and other materials; schedule appointments; maintain event calendar and assist in meeting arrangements; interaction by telephone and in person with alumni. Monday - Friday, 35 hours per week.

Requirements: High school diploma or equivalent. Medium typing. At least two to three years work experience. Good organizational and interpersonal skills. Good command of written and spoken English required.

Minimum Starting Salary: \$11,739
Job Number: C457

*Position: Graphics Illustrator, GR19
Department: Statler Inn

Description: Oversee and work with student graphic artists. Schedules graphic services among departments in Hotel, student requests and advertisers; creates menu design, newspaper advertising, radio commercials and artwork; develops and maintains graphic arts budget.

Requirements: Degree in communication, graphic arts or equivalent desired. Light typing. Artistic ability, layout design. Work experience should include business marketing, advertising, staff supervision.

Department: International Agriculture
 Description: Maintain financial records for contractfunded participants. Process maintenance checks and bills; process travel accounting transactions, both domestic and foreign; process departmental requisitions and vouchers; reconcile accounts statements; purchasing and handling overseas and domestic shipments.
 Requirements: Two year accounting degree or equivalent. Medium typing. At least 3-5 years experience with accounts or financial reporting, preferably with State Finance & Business Office at Cornell. Accuracy with numbers. Excellent communication and organizational skills.
 Minimum Starting Salary: \$11,125
 Job Number: C4412

Position: Secretary, GR19
 Department: Graduate School
 Description: Provide secretarial support to the Director and Assistant Director. Coordinate the flow of materials through the office; assist in organizing annual Fellowship Competition; coordinate outside fellowship notebook; administer travel grants; typing correspondence. Other duties as assigned.
 Requirements: High school diploma or equivalent. Associate's degree or equivalent preferred. Several years of office experience. Experience or training in word processing. Strong organizational, interpersonal and communication skills. Ability to work under pressure. Thoroughness and attention to details essential.
 Minimum Starting Salary: \$11,125
 Job Number: C448

Position: Secretary, GR18
 Department: Center for Radiophysics and Space Research (CRSR)
 Description: Provide general secretarial support. Handle correspondence; purchase orders; type scientific and mathematical papers; answering telephone. Other duties as assigned.
 Requirements: High school diploma or equivalent. Business or secretarial school preferred. Medium typing. Knowledge of word processor (Microm). Attention to detail. Excellent interpersonal and communication skills.
 Minimum Starting Salary: \$10,500
 Job Number: C447

Position: Secretary, GR18
 Department: Chemical Engineering
 Description: Provide secretarial support for the Associate Director, Administrative Manager and two faculty members. Keep detailed and accurate records for some 175 undergraduate students; type correspondence; arrange travel; handle special projects as assigned.
 Requirements: High school diploma or equivalent. Business or secretarial school preferred. Medium typing. At least two years secretarial experience. Word processing and computer skills desirable. Good interpersonal skills. Ability to work under pressure.
 Minimum Starting Salary: \$10,500
 Job Number: C441

Position: Secretary, GR18
 Department: Center for International Studies
 Description: Provide secretarial support for program within the Center for International Studies, such as the Development and Cornell Abroad activities. Type and proofread all correspondence, reports and memoranda; maintain, organize, keep current catalog of Director's project files; handle travel and lodging arrangements and reimbursements.
 Requirements: High school diploma or equivalent. Medium typing. Knowledge of electric typewriter, word processor. Good telephone techniques. Ability to work under pressure and handle confidential information with discretion.
 Attention to detail.
 Minimum Starting Salary: \$10,500
 Job Number: C4411

Position: Facilities Inventory Clerk, GR17
 Department: Facilities Engineering
 Description: Provide support to the Facilities Inventory Office by maintain occupancy and use data for Cornell's 500+ facilities; enter and edit data for the Facilities Inventory computer system. Other duties as assigned.
 Requirements: High school diploma or equivalent. Medium typing. Experience in data processing and entry (mainframe and micro-computer). Experience with IBM PC preferred. Ability to organize and manage detailed information with a very low error rate. Ability to work under pressure and meet deadlines. Excellent interpersonal skills.
 Minimum Starting Salary: \$9,967
 Job Number: C445

General Service
 *Position: Cook, SO18
 Department: Residence Life

Description: Clean, prepare and cook food for Universityowned fraternity. Clean all food preparation areas, cooking areas and assist in keeping storerooms and refrigerators sanitary. Aid student steward in menu planning and food purchases as needed.
 Requirements: Ability to follow recipes accurately, operate standard food preparation and cooking equipment. Must be able to work with little supervision and with student volunteers. Ability to supervise student helpers preferred. Experience in large quantity preparation is essential. Some years experience as a cook. Good organizational skills.
 Minimum Starting Salary: \$4.98/hour
 Job Number: S455

*Position: Food Service Worker, SO17
 Department: Cornell Dining
 Description: Planning, preparation and presentation of cold foods. Days and hours vary, 40 hours per week.
 Requirements: High school diploma or equivalent. Knowledge of cold food preparation. Familiarity with kitchen equipment preferred.
 Minimum Starting Salary: \$4.69/hour
 Job Number: S453

*Position: Custodian, SO16
 Department: Buildings & Grounds Care - Statutory
 Description: Provide maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. Monday - Thursday 6:00 a.m. - 2:30 p.m.; Fridays 6:00 a.m. - 1:30 p.m.
 Requirements: Ability to operate a variety of heavy power operated equipment, climb an 8' ladder and lift 50 lbs.
 Minimum Starting Salary: \$4.84/hour
 Job Number: S457

*Position: Custodian, SO16 (Three Positions)
 Department: Buildings and Grounds Care - Endowed
 Description: Provide maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. Monday - Thursday 6:00 a.m. - 2:30 p.m.; Fridays 6:00 a.m. - 1:30 p.m.
 Requirements: Ability to use a variety of heavy power operated equipment, climb an 8' ladder and lift 50 lbs.
 Minimum Starting Salary: \$4.47/hour
 Job Number: S456, S458, S459

*Position: Cashier, GR15
 Department: Cornell Dining
 Description: Operates electronic cash register, assesses costs of goods, receives money and makes change. Responsible for set up and close out of cash drawer.
 Requirements: High school diploma or equivalent. Must be able to work under pressure and maintain speed and accuracy. Experience in cashiering and knowledge of basic accounting principles preferred.
 Minimum Starting Salary: \$9,041
 Job Number: S454

Technical

Applications for Technical positions should include the following information:
 - Scientific/technical courses completed
 - Lab techniques and/or equipment (knowledge of)
 - Special skills (e.g. knowledge of computer language)

*Position: Computer Operator, GR22
 Department: Animal Science
 Description: As third shift operator, will independently maintain necessary records relevant to the operation of an IBM 4341 computer and determine cause of malfunctions. 11:30 p.m. 8:00 a.m., Tuesday - Saturday.
 Requirements: Associate's degree or equivalent in data processing. 2-3 years operating experience essential. Familiarity with DOS/VSE multiprogramming environment, POWER/VSE, CICS and utility packages preferred. Ability to schedule jobs in above environment requiring full working knowledge of JCL essential.
 Minimum Starting Salary: \$13,141
 Job Number: T455

*Position: Technician, GR20
 Department: Agricultural Engineering
 Description: Will participate in apple pomace anaerobic methane digester model design, construction and instrumentation; planning, design, execution and laboratory analysis of experiments; maintenance and operation of laboratory instruments; data analysis and computer manipulation; general laboratory upkeep; report preparation. Until 9/30/85.
 Requirements: Bachelor's degree or

equivalent experience in engineering or related sciences. One year experience involving wet chemistry analysis, operation of gas chromatography instruments, solids analysis, automatic scales and other complicated laboratory equipment; use of computer for data storage and analysis; experience in conducting biological experiments with bacteria.
 Minimum Starting Salary: \$11,739
 Job Number: T452

*Position: Technician, GR20 (Repost)
 Department: Agronomy
 Description: Perform quantitative analysis of soils, plant tissue, water and other materials.
 Requirements: Bachelor's degree or equivalent in chemistry or related science with course work in analytical chemistry. Proficiency in wet chemical preparative and analytical laboratory techniques essential. Experience with atomic absorption spectroscopy, colorimetry and other routine lab instrumentation essential. Experience with Technicon Auto Analyzers and CHN elemental analysis desirable.
 Minimum Starting Salary: \$11,739
 Job Number: T421

Position: Research Aide, GR20
 Department: Chemistry
 Description: Oversee the collection, synthesis and analysis of mass spectral data. 20-39 hours per week (flexible).
 Requirements: Bachelor's degree or equivalent in chemistry. Familiarity with organic chemistry; ability to learn the mass spectrometry of organic compounds and understand the organic structural data. Familiarity with scientific computing.
 Minimum Starting Salary: \$11,739
 Job Number: T437

Part-time

*Position: Technician, GR19
 Department: Biochemistry
 Description: Provide technical support to a research group consisting of a faculty member, a graduate student and a postdoctoral associate. Duties will include a number of routine laboratory procedures involving the growth of non-pathogenic bacteria cultures; will maintain records; prepare media and reagents; run DNA gels to observe plasmids; assist in experiments including transport assays with radioactive material. Days and hours flexible, 20 hours per week.

Requirements: Bachelor's degree or equivalent in biochemistry, microbiology or chemistry. Must have some prior laboratory experience as well as previous experience with sterile techniques. Experience handling radioactive isotopes and working with plasmids desirable.
 Minimum Starting Salary: \$10,500/annual equivalent
 Job Number: T453

*Position: Records Assistant, GR16
 Department: Acquisitions/Olin Library
 Description: Process books as received; process invoices for payment; update RLIN data base. Other duties as assigned by Unit Head. Monday - Friday, 20 hours per week.
 Requirements: High school diploma or equivalent. Medium typing. Ability to work independently; knowledge of computers helpful.
 Minimum Starting Salary: \$9,494/annual equivalent
 Job Number: C455

*Position: Office Assistant, GR16
 Department: Unions and Activities
 Description: Assist in making room reservations for all non-academic events at Cornell which includes lectures, films, dances, concerts, rallies, etc.; assists campus organizations in arranging set-ups and audio visual equipment and other special services. Monday - Friday, 8:00 a.m. - 2:00 p.m.; 30 hours per week, 10 month appointment.
 Requirements: High school diploma or equivalent. Medium typing. Some experience with computer terminals helpful. Good interpersonal skills.
 Minimum Starting Salary: \$9,494/annual equivalent
 Job Number: C354

Academic

Please contact department directly.

*Position: Director, Veterinary Medical Teaching Hospital (Faculty Position)
 Department: NYS College of Veterinary Medicine
 Job Number: A451

*Position: Research Associate
 Department: Agronomy, College of Agriculture and Life Sciences
 Job Number: A452



Off-Campus Housing Notes

The Collegetown Neighborhood Council and Human Ecology Field Study Office will sponsor the final class presentation of ID200 "The Culture of Collegetown: An Ethnographic Analysis of Four Neighborhood Settings." The program will take place on Thursday, Nov. 15, at 7 p.m. in the Cascadilla Main Lounge. For further information, contact Dwight Giles at 6-6579 or Sean Killeen at 273-6615.

The Collegetown Neighborhood Council will meet on Tuesday, Nov. 13; at 4 p.m. at the Collegetown Motor Lodge. Agenda items will include a discussion of the Field Study Ethnographic Studies of four areas in Collegetown, Eddygate and planning for the Collegetown NeighborFair. All members of the Collegetown community are invited to attend.

Legal advising continues to be available every Thursday afternoon from 2:30 to 4:30 p.m. If you

are a registered Cornell student and in need of legal advice for housing related problems, please contact Cindy Wright at 6-5373 for an appointment.

The Off-Campus Life Committee of the Student Assembly will meet on Thursday, Nov. 8, at 4:25 p.m. in 103 Barnes Hall. The committee will discuss revision of the off-campus housing survey and planning of the mid-year Off-Campus Counselors program.

November is a good time to list housing availabilities for the spring semester. If you anticipate vacancies in your dwelling unit, stop by 103 Barnes Hall between 9 a.m. and 5 p.m. or call 6-5373 for further information.

Off-Campus counselors who served in August are invited to participate in the program again at mid-year. If interested, contact Neff Casaburri or Cindy Wright (6-5373) prior to Friday, Nov. 16.

Barton Blotter

Ten students were referred to the Judicial Administrator on a variety of charges, including stealing a \$650 skeleton from McGraw Hall and pouring two pounds of sugar into a gas tank, according to the morning reports of the Department of Public Safety for the period Oct. 29 through Nov. 5.

Two students were charged with attempting to steal furniture from University Hall No. 4 and another was charged with breaking into Noyes Lodge. One person was referred to the J.A., charged with setting off a false fire alarm, and two others for stealing a No Parking sign from the Triphammer Mall. Two students were charged with taking a golf cart from the golf

course. Of 12 thefts reported on campus for the seven-day period, one involved \$2,942 worth of furniture stolen from the third floor lounge of Cascadilla Hall. A second theft from the same building included a table and two chairs worth an estimated \$500.

In all there was a total of \$4,502 worth of cash and valuables reported stolen. These included 14 fire extinguishers worth a total of \$330 taken from various buildings in the West Campus area. Other thefts included \$375 in stereo equipment, newspaper vending machine with \$40 worth of papers and cash, a \$150 bicycle and a wallet with \$40 in cash and valuables.

Brief Reports

Cornell Cadets to March In Vet Day Parade

Some 120 ROTC cadets from Cornell will take part in the 37th annual Veterans Day Parade sponsored by the Tompkins County Veterans Day Committee.

Cadets from the Army, Navy, and Air Force ROTC units will lead off the second division of the parade and the color guard for the division will also be composed of ROTC representatives.

The parade begins at 2 p.m. Sunday, Nov. 11, at the corner of South Cayuga and Clinton streets. From there, it will go to the entrance of the Commons at West State and Cayuga streets and will finally proceed west on West State to Corn Street, where it will disband.

Captain Compton E. Ward, professor of Naval Science at Cornell, will be the principal speaker at the Veterans Day Memorial Service scheduled for noon in DeWitt Park.

Renovated Parking Lots Ready for Use Today

Two Cornell University parking lots under renovation, one at Stewart Avenue and Williams Streets and the other on Forest Home Drive near Toboggan Lodge, will be ready for use today.

William E. Wendt, director of transportation services, said that students with SW parking permits will be able to use the Stewart Avenue lot and persons with U permits may use the Toboggan Lodge lot.

Wendt added that students who live in Cascadilla Hall and who have filed a special request for an SW permit should call the Traffic Bureau at 256-4600.

The lots have been redesigned and paved as part of the transportation master plan presented in spring 1984 to the Cornell community. The number of parking spaces in critically crowded areas of campus will be increased when all phases are completed, Wendt said. Reconstruction of the lower Martha Van Rensselaer Hall lot will begin in spring 1985.

Concert Will Benefit November 11th Group

Members of Cornell's Music Department will perform a benefit concert at 8 p.m. Sunday, Nov. 11, in Anabel Taylor Chapel. The concert, featuring music by Mozart, Haydn and Beethoven, will benefit the November 11th Committee, Cornell's chapter of United Campuses to Prevent Nuclear War.

The musicians are Sonya Monosoff, classical violin; John Hsu, classical cello; and Malcolm Bilson, Viennese fortepiano. Called the Amade Trio, they perform on instruments which have been restored to eighteenth century proportions. The concert is open to the public and will be followed by a reception.

Authority on CPR Will Lecture Here

The 1984-85 James Law Distinguished Lecturer Series will open Thursday, Nov. 15, with a lecture at 4:30 p.m. in James Law Auditorium by noted anesthesiologist Judith Donegan, M.D., Ph.D.

Dr. Donegan will speak on "Cerebral Blood Flow During Anesthesia or CPR", discussing the responses of cerebral circulation as influenced by anesthesia, heart disease, cardiac arrest, cardiopulmonary resuscitation and ischemic cerebrovasculature disease.

The lecture is free and open to the public. Her talk should be of special interest to medical, scientific and veterinary medical groups following current concepts in the maintenance of brain perfusion and the

prevention of cerebral damage.

Dr. Donegan is professor of anesthesiology at the College of Medicine, University of California, San Francisco. She is a well-known authority on cardiopulmonary resuscitation and has organized and taught numerous courses on CPR in cooperation with the American Society of Anesthesiologists, the American Heart Association and the American Medical Association.

Reading Scheduled Of Seifert's Works

An English reading of works by the Czechoslovakian poet Jaroslav Seifert, 1984 winner of the Nobel Prize in literature, is scheduled for 4:30 p.m. Monday, Nov. 12, in room 156 Goldwin Smith Hall.

Free and open to the public, the reading will be by George Gibian, the Goldwin Smith Professor of Russian and Comparative Literature. Gibian, who was born in Czechoslovakia, will also discuss Seifert's work.

Indian Dancer 'Viji' Here Sunday, Nov. 11

Some of the ancient and colorful traditions of India will be brought to Cornell when Vijayalakshmi Vijayakumar, "Viji," visits the campus at 6:30 p.m. Sunday, Nov. 11.

Viji, a dancer from Bangalore, India, currently touring the United States, will perform the classical dance of the southern part of her country in the traditional Tanjore style. Dating back to the 4th century, this stylized dance portrays the sculpture and architecture patterns of the temples in southern India.

The performance will take place in Goldwin Smith Hall's Kaufmann Auditorium. Tickets, \$1 for members of the Cornell India Association and \$2 for non-members, are available at the Willard Straight Hall ticket office and at the door.

The show is sponsored by the Cornell India Association and the Graduate Activities Funding Commission.

Peter Kahn Paintings Will Open in Gallery

An exhibit of paintings by Peter Kahn will open in the Upstairs Gallery, in the DeWitt office complex in downtown Ithaca, Tuesday, Nov. 13, and continue through Feb. 1, 1985.

Kahn also will be the subject of the television show, "Focus on Art," on Cable Channel 13 at 7:30 p.m. Monday and Thursday, Nov. 19 and 22, with Johnnie Parrish, who pays him a studio visit.

Kahn was born in Germany in 1921 and came to this country in 1937. After attending Pratt Institute, he served in the U.S. Army from 1942 to 1945. After studying painting in New York, and studying and teaching at NYU, LSU and Hampton Institute, he came to Cornell in 1957.

He was first in the Department of Fine Arts and from 1968 to 1984 taught Art History. He is now a professor emeritus.

He is represented in many public and private collections, has served as typographic designer for many publishing houses, executed stage and exhibition designs and hundreds of posters.

Caplan to Discuss Myth Of Women's Masochism

Psychologist Paula Caplan, author of "Between Women: Lowering the Barriers," will speak on "The Myth of Women's Masochism" at 7:30 p.m. Thursday, Nov. 15, in 202 Uris Hall.

Caplan is an associate professor in applied psychology at the Ontario Institute for Studies in Education and an assistant professor of psychiatry and lecturer in women's studies at the University of Toronto. Caplan's talk will be based on her highly acclaimed article in a recent issue of *American Psychologist*.

Free and open to the public, the lecture is co-sponsored by the Women's Studies Program and Gannett Health Center Psychological Services, both at Cornell, and by the Family and Children's Services of Ithaca.

Civil Rights Commissioner To Speak Here Monday

"Liberty and Justice ... For All?" is the topic of a lecture to be given here Monday, Nov. 12, by Mary Frances Berry, commissioner of the U.S. Commission on Civil Rights, and professor of history and law at Howard University.

Her address, which is free and open to the public, will be at 7 p.m. in 120 Ives Hall.

Berry, who has served as U.S. assistant secretary for education in the Department of Health, Education, and Welfare, is the author of four books on constitutional history and civil rights law.

Her lecture, which will focus on the current state of civil rights in the United States, is based on the premise that unless Americans understand the errors that have been made with regard to civil rights, they are sure to repeat the mistakes.

The Berry speech is sponsored by the Third World Student Programming Board.

Author Grace Paley To Read from Works

Grace Paley will read from her work at 4:30 p.m. Tuesday, Nov. 13, in Kaufmann Auditorium, Goldwin Smith Hall. Her short stories have appeared in *The New Yorker*, *Mother Jones*, and many other journals, and have been widely anthologized. Two collections of her work are in print, "The Little Disturbances of Man" and "Enormous Changes at the Last Minute," and another is due out in the near future.

In addition to her writing, she is also a noted peace activist and a faculty member at Sarah Lawrence College. Donald Barthelme has written of her, "Grace Paley is a wonderful writer and troublemaker. We are fortunate to have her in our country."

Her visit to Cornell is sponsored by the B'nai B'rith Hillel Foundation, the English Department, the Council on Creative and Performing Arts, Women's Studies, and Cornell United Religious Work.

Bloodmobile Scheduled At Purcell Union Nov. 9

A Red Cross Bloodmobile is scheduled from 10 a.m. to 3:45 p.m. Friday, Nov. 9, in Robert Purcell Union, the first floor lounge, sponsored by Alpha Phi Alpha fraternity.

Walk-ins will be welcomed and appointments can be made in advance by calling the Red Cross office at 273-1900.

SAGE CHAPEL

Vanderbilt Divinity Professor to Talk

Peggy A. Way, associate professor of pastoral theology and counseling at Vanderbilt Divinity School in Nashville, Tenn., will speak at Sage Chapel at 11 a.m. Sunday, Nov. 11.

Way is an ordained minister in the United Church of Christ. Before joining the faculty at Vanderbilt, she taught at the Jesuit School of Theology in Chicago.

Her education includes a B.A. from the University of Michigan, an M.A. from Wayne State University, a B.D. from Chicago Theological Seminary, and a Ph.D. from Princeton Theological Seminary.

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.

'Gas Heart' Scheduled For Drummond Nov. 15-17

"The Gas Heart," a play whose central theme is the meaninglessness of life, will be presented at Drummond Studio at 8 p.m. on Thursday, Nov. 15, through Saturday, Nov. 17.

"The Gas Heart" was written by Trish Tzara, a well-known figure in the Dadaist crusade against realism which took place in Zurich between the two world wars.

Tony Cronin, known for his production "Our Town" in the Drummond last season and for his Summer Shakespeare Festival held at Cornell, will direct Tzara's play.

Admission to "The Gas Heart" is free, but limited seating is on a first-come, first-served basis.

NRC Will Offer Postdocs to Minorities

The National Research Council plans to award approximately 35 Post-doctoral Fellowships for Minorities—American Indians and Alaskan Natives (Eskimo or Aleut), Black Americans, Mexican Americans/Chicanos, and Puerto Ricans—in a program designed to provide opportunities for continued education and experience in research.

The awards, which provide annual stipends of \$20-26,000, will be made in the behavioral and social sciences, humanities, engineering, mathematics, physical sciences, geological sciences, and for interdisciplinary programs of study comprising two or more eligible disciplines.

In this national competition sponsored by the Ford Foundation, United States citizens who are members of one of the designated minority groups, who are preparing for or are already engaged in college or university teaching, and who hold doctoral or other terminal degrees may apply for a fellowship award of one year's duration. Tenure of a fellowship provides post-doctoral research experience at an appropriate nonprofit institution of the fellow's choice.

The deadline for submission of applications is January 16, 1985. Announcement of awards will be made by March 30, 1985. Application materials may be obtained from The Fellowship Office, National Research Council, 2101 Constitution Avenue, Washington, D.C. 20418. For further information contact Dean Joycelyn Hart, Sage Graduate Center, 256-4884.

Barbara Troxell

A memorial service for Barbara Troxell is scheduled for 4 p.m. Saturday, Nov. 10, in Sage Chapel. A concert and oratorio soprano, Troxell was a member of the Cornell music faculty since 1961. She died

Sept. 28 of a heart attack, at the age of 68. Memorial gifts may be made to The Ithaca Opera Association, c/o Tom Kovacs, 518 Warren Road, Ithaca, NY 14850.