

Cornell Chronicle

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Thursday, February 28, 1985

Supercomputing Center Established at Cornell

National Science Foundation Picks University for One of Four Centers

Cornell was named Monday by the National Science Foundation as one of four advanced scientific computing centers. This facility will be associated with Cornell's Theory Center, which will be directed by Kenneth G. Wilson, the James A. Weeks Professor of Physical Sciences at Cornell and winner of the 1982 Nobel Prize in Physics.

"The Center for Theory and Simulation in Science and Engineering will be national and international in scope, will lead to a new understanding of nature and industrial processes, and will give this country a competitive edge in the development of new technology," Cornell President Frank Rhodes said.

"For more than 20 years, Professor Wilson has had a vision of vast computing power that would make possible new ways to tackle unsolved questions of science," Rhodes added. "His innovative thinking about how to use the power of supercomputers has led him to major insights into the structure of matter, for which he won the Nobel Prize."

Wilson said that supercomputers will provide a "window into the future."

"They will create a completely new strategy for scientific investigation, complementing the theoretical approach, started by the ancient Egyptians, and experimental techniques, dating from the time of Galileo," he said.

In addition to NSF start-up funding, ranging from \$7 million to \$13 million per year, Cornell's Theory Center will receive more than \$30 million in equipment and services from IBM, and support from several other corporations. More than \$60 million will be committed to supercomputing research at Cornell over the next three years.

IBM will provide a top-of-the-line mainframe computer to Cornell. Several scientific processors from Floating Point Systems of Beaverton, OR, will be combined with the IBM mainframe to constitute Cornell's "Production Supercomputing Facility."

In addition, Theory Center researchers will develop new tools required for the advancement of science, education, and industry in the 21st century. They expect to achieve major advances in graphics, software, communications, and superfast parallel computers.

"Cornell's efforts should help the U.S. computer industry achieve computing speeds over the next decade that are thousands of times faster than now possible," Wilson predicted.

In the last year, Wilson said, there has been an explosion of interest in the Theory Center, both from within and outside Cornell.

"An unusually broad range of faculty, staff, and administrators — many with unique talents necessary to success at the



Meeting the press Monday in Day Hall for one of three simultaneous news conferences at NSF headquarters in Washington, in New York City and in Ithaca are (from left at the head table) Alec Grimison from IBM; Donald P. Greenberg, director of the Program of Computer Graphics; William L. Schrader, executive director of the Center for Theory and Simulation in Science and Engineering; Provost Robert Barker; Joseph M. Ballantyne, vice president for research and advanced studies, and Alison A. Brown, who is in charge of the networking and experimental supercomputing efforts of the Center for Theory and Simulation.

Advanced Graphics Part of Package

Ever since the first drawings of the wheel appeared on cave walls, humans have been using pictures to make new and complicated ideas easier to understand.

The complex supercomputer age will be no exception, according to Donald P. Greenberg, director of Cornell University's Program of Computer Graphics.

In fact, "For supercomputing to work, you really need advanced computer graphics," Greenberg said. "The computers will produce so much information so fast that we won't be able to keep up with them, unless the computers show us pictures of what they're doing."

For that reason, Cornell's new Center for Theory and Simulation in Science and Engineering will work closely with Greenberg's 11-year-old computer graphics program to improve graphics capabilities by a factor of 100 to 1,000. In turn, those improvements will become instrumental tools for interacting with and understanding high-speed computer processing.

Today, computer graphics images —

created from mathematical models and displayed on devices similar to a television screen — assist architects, engineers, and illustrators to produce designs, perform stress tests, and create cartoon animation, for example.

Computers can produce multi-dimensional line drawings and full-color pictures that show the air-flow impacts on airplane designs, or even the behavior of subatomic particles that cannot be seen, but which can be represented mathematically. The computer uses the mathematical model to create the picture.

But the power of most current research computers is insufficient to meet the full graphics needs of advanced research, Greenberg explained. Often, making only a few changes in a computer simulation will require hours of computing time until the simulation is completed and a new image produced.

Even then, computers can display only the new image; they cannot show the change as it progresses. Therefore, new insights that might be obtained from actually watching the simulation unfold are lost.

The enormous power of supercomputers will change that, Greenberg added. Cornell, through its supercomputing facility, hopes to develop and display realistic computer pictures of a simulation at the same time that the computer is performing its calculations and analyses.

This "real time" capability would, for example, allow an engineer to observe how a fracture in a propeller blade spreads in

response to stress, and it would allow the engineer to change the amount of stress during the simulation. Seeing the effect may uncover possible solutions that would be obscured by charts and tables of figures, which can be studied in detail after the simulation, Greenberg said.

Such full-color images will be produced in at least five dimensions: the three spatial dimensions, time, and another parameter such as energy level or stress, Greenberg explained.

It is the enormous speed and precision of supercomputers that will make such graphics possible. At the same time, high-speed computing will work so fast that, "The only limitation will be our ability to comprehend and keep up," Greenberg said. "Supercomputers will generate enough data to fill an office in minutes, if printers could print that fast. You cannot understand and respond to that much information quickly, unless you communicate through comprehensive graphics."

"Graphics will be the computer language of the future," he predicted. "As computers handle more complex work, we have to make it easier to interact with them."

Therefore, researchers will eventually be able to watch complicated computer simulations as they occur, and will be able to use pictures to communicate with the computer and alter the simulation, rather than trying to cope quickly with a complex mathematical formula.

"I really don't see any limits to this," Greenberg said. "I'm excited as can be about the possibilities."

See Theory Center on Page 5

Budget Policies Public Forum Scheduled for March 5 in WSH

The University Assembly will sponsor a budget policies public forum from 12:15 to 1:30 p.m. Tuesday, March 5, in the Memorial Room of Willard Straight Hall.

The forum will include Provost Robert Barker, Budget Director John Lambert and Acting Dean of Admissions and Financial Aid W. Keith Kennedy.

The session will include an open discussion and an opportunity to ask questions.

International Moot Court Competition Here

Ten Eastern law schools will take part in the Upstate Regional Round of the 1985 Philip C. Jessup International Law Moot Court Competition here Saturday and Sunday, March 2 and 3.

The arguments will be in various classrooms and the Moot Court Room of Myron Taylor Hall on the Cornell campus. They are all free and open to the public. Schools taking part include Syracuse, Fordham, Columbia, and New York University.

The rounds are scheduled for 9:45 a.m., 2 p.m. and 7:30 p.m. Saturday, March 2. On Sunday, March 3, rounds are scheduled for 9 a.m. with the finals scheduled for 1 p.m. in the Moot Court Room.

The question to be argued involves the legal implications of an air strike on a nuclear plant. The situation is similar to the Israeli attack on Iraq's nuclear reactor in 1981.

The winners of the competition will go on

to semifinals in New York City at the annual meeting of the American Society of International Law, April 25 through 29.

Judges for the competition at Cornell will include professors of international law at various American and Canadian institutions; lawyers in private practice, and representatives from the United Nations, the U.S. Department of Justice and the Canadian Department of Justice.

The competition here is sponsored by the Cornell International Law Society.

Cornell Site for State Child Abuse Conference

By SUSAN S. LANG

A once-hidden family and social problem has come to the forefront — with a vengeance.

In 1983, neighbors, relatives, and professionals filed reports involving 125,000 New York State children suspected of being abused or neglected, according to the latest available state statistics. In 1973, less than 30,000 children were subjects of such reports.

To help prevent child abuse, Cornell University, supported by a grant from the New York State Division of Criminal Justice Services (DCJS), is planning the New York State Conference on Child Abuse and Neglect, April 21-24 in Albany. The Family Life Development Center in the New York State College of Human Ecology at Cornell is convening the conference.

It is the first such conference to be held in the state's history.

"New York State abhors the abuse of our children," said Richard J. Condon, DCJS commissioner. "Given our unique role in criminal and juvenile justice activities, DCJS is pleased to join Cornell in launching this landmark conference. Bringing together

state and local practitioners with noted national experts assures that New York State is in the forefront in developing solutions to combat child abuse."

Top state officials, including Sol Wachtler, newly-appointed chief judge of the Court of Appeals, will address the conference.

National experts, including Larry Brown of the American Humane Association, Anne Cohn, director of the National Committee for the Prevention of Child Abuse, Dr. Vincent J. Fontana, author of the landmark book *The Child Maltreatment Syndrome*, and Dr. Fredrick Green of Washington, DC, Children's Hospital will be key presenters.

More than 100 sessions, presented by 200 invited authorities, will focus on the familial, social work, health, education, law enforcement, and community aspects of preventing and treating child abuse and neglect.

Familial maltreatment, family violence, sex abuse and sexual exploitation, and institutional abuse are on the conference agenda.

The purpose of the conference, according to Dean Jerome M. Ziegler of the College of Human Ecology, is to prevent abuse through enhanced community involvement and strengthened interagency cooperation in protecting the state's vulnerable children and families.

"Community involvement is the key to the future in preventing child abuse," Ziegler said. "We all have something to contribute; I'm particularly heartened by planning help we've received from groups representing all segments of the population. This includes the minority perspective provided to us by the Black Task Force on Child Abuse and Neglect and the Hispanic Task Force on Child Abuse and Neglect, as well as by various state agencies and advocacy and voluntary organizations."

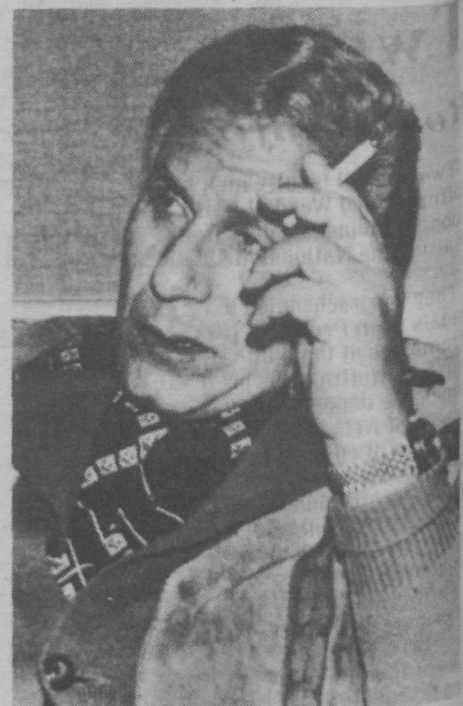
Ziegler pointed out that many such groups are serving on the New York Citizens Task Force for the Prevention of Child Abuse and Neglect, which is a co-sponsor of the conference. The Task Force is co-chaired by Matilda Cuomo and Cesar

Perales, Department of Social Services commissioner.

"Strong interagency coordination is what makes citizen involvement effective," Ziegler said. "For that reason, we are especially pleased to have the co-sponsorship of the Governor's Council on Children and Families, which is made up of all the family-serving agencies at the state level. We have the independent co-sponsorship of the state Department of Social Services — the lead child abuse agency — along with that of the departments of health and education, among others. We also have valuable support of law-serving agencies such as DCJS and the State Police."

Important help for the conference, according to Ziegler, has come with co-sponsorship by New York State professional associations, including the state's Medical Society and the Association of Family County Judges, and the state chapter of the National Association of Social Workers.

For more information and/or registration packets, contact conference staff at E-200 Martha Van Rensselaer Hall, Cornell University, Ithaca, NY 14853-4401, or call (607) 256-7794. An early registration discount of \$10 off the \$95 fee is available for those who register by March 22.



YUSUF IDRIS

Egyptian Literary Figure to Lecture

Egyptian literary figure Yusuf Idris will give a series of lectures on campus at 4:30 p.m. March 4 and 5, in the Near Eastern Studies Lounge of Rockefeller Hall.

This lecture series is sponsored by the Department of Near Eastern Studies, Comparative Literature, the Society for the Humanities, Government, Theatre Arts and the Dean's Office.

Idris will discuss the Arab intellectuals and the Peace process in the Middle East. His second talk will be on contemporary Arabic literature and thought. Idris also will conduct a shorter session on his own works. Details for this final talk can be obtained from Samia Mehrez in the Department of Near Eastern Studies.

He published his first short story collection in 1954, and has published nine short story collections, three novels, and several plays, plus writings in the field of literary criticism and articles in Egypt's major newspapers.

Applied Mathematics Plans Three Lectures

Basil Nicolaenko of the Center for Non-linear Studies, Los Alamos National Laboratory, will present three lectures next week as part of the Special Year '84-'85 on Reacting Flows, supported by the U.S. Department of Energy and the Army Research Office.

The lectures are sponsored by the Center for Applied Mathematics and the department of mathematics.

All are in 328 White Hall, with Monday and Friday lectures at 4 p.m. and the Thursday talk at 4:30 p.m. The general subject is the Mathematics of Flames.

Monday's Lecture is titled "Multiplicity for Complex Flames," while Thursday's and Friday's cover "Instabilities: Pattern Formation and Strange Attractors."

Hotel Students Create New 'Statler Gourmet' Dinners

Three Hotel School graduate students, under the guidance of professor John B. Knight, have created a new alternative in Ithaca dining — gourmet prix fixe dinners.

Known as "The Statler Gourmet," the theme dinners will be held in the Statler Inn's North Room throughout the spring semester beginning Sunday, March 3.

The dinners, prepared and served by a small team of students, will be comprised of several courses accompanied by wines specifically chosen to complement the food. This "white glove" service will be limited to 40 people per dinner.

The \$35 fixed price per person will buy a classical French meal on March 3; a wild game feast on Sunday, March 24; cuisine of northern Italy on Sunday, April 21; and New American cuisine on Mother's Day, Sunday, May 12.

Due to cost limitations and the complexity of preparation, a course such as this is not usually offered to hotel school students. However, David Greeman, Simon Milton, and Chris Muller, currently studying for their masters of professional studies degrees, molded the prix fixe concept to fit an independent study project because of their strong background and future interest in food and beverage.

Reservations may be made by calling Florence Prince at 256-3699; pre-payment by credit card, Cornellcard, check or cash is required.

Here is the menu for the first meal:

CLASSICAL FRENCH CUISINE

Sunday 3rd March

Pineau des Charente Hors d'oeuvres

Riesling d'Alsace: Ris de veau avec chanterelles, sauce madere (Sweetbreads sauteed with chanterelle mushrooms and served in a madeira sauce).

Consomme Parisienne, (A consomme garnished with tiny vegetables and served with a rouille).

Sancerre: Paupiette de sole a l'oiselle, (Delicate sole filet served with a red pepper puree on a sorrel sauce) Sorbet de Pamplemousse (Grapefruit Sorbet).

Brouilly: Noisettes d'agneau a l'estragon, Bouquetiere de legumes, (Tender medallions of lamb in a tarragon sauce with a selection of fresh vegetables) Salade d'hiver, (Salad of winter greens with roquefort), Terrine au chocolat, creme anglaise, (A rich chocolate terrine served with a chilled vanilla cream) Cafe et Macarons.

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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.

Two from Cornell Win National Science Medals

Roald Hoffmann, Wendell Roelofs Among 19 Persons Honored

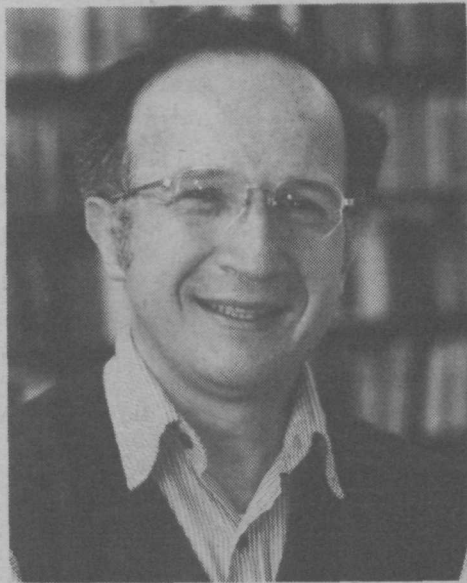
Two Cornell faculty members, Roald Hoffmann and Wendell L. Roelofs, are among 19 living and deceased Americans awarded the National Medal of Science this year.

They were scheduled to receive their medals from President Ronald Reagan in ceremonies at the White House Wednesday morning. Hoffmann is professor and chairman of the department of chemistry in the College of Arts and Sciences, and Roelofs is professor of entomology at the New York State Agricultural Experiment Station at Geneva. Hoffmann is a 1981 Nobel laureate in chemistry, while Roelofs won the 1983 Wolf Prize in Agriculture, the top international award in that science.

The Cornell scientists are among 185 Americans to receive the national medal since 1962. Recipients are selected on the basis of the total impact of their work on the present state of physical, biological, mathematical, engineering, behavioral, or social sciences. From about 150 nominations each year, the Committee of the National Medal of Science chooses 20 or fewer, whose names are submitted to the president for the final decision.

Hoffmann was cited for his "creative applications of theory to organic and inorganic chemistry (which have) brought together the world community of chemists. The magnitude and uniqueness of his contributions to modern chemistry and the scientific process," the citation reads, "are contributing to an ever-improving understanding of chemistry."

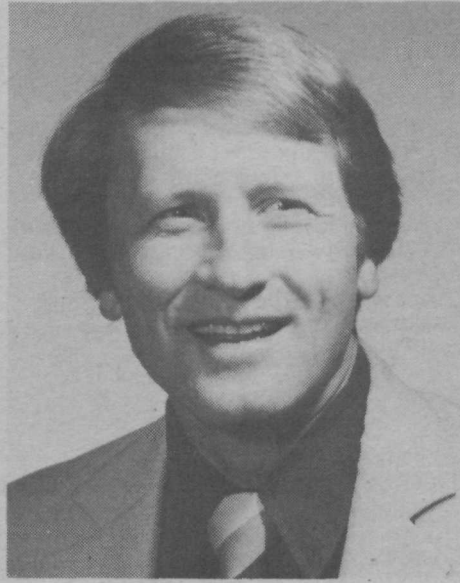
Roelofs was cited for his "fundamental contributions to basic and applied biology in the field of insect pheromones, their chemical composition and blends, their biosynthesis, how insects perceive and respond to them, and their use in insect pest



ROALD HOFFMANN

management."

Other National Medal of Science winners this year include Howard L. Bachrach, chief scientist, U.S. Department of Agriculture, Plum Island, NY; Paul Berg, professor of biochemistry, Stanford University; E. Margaret Burbidge, professor of astronomy, University of California at San Diego; Maurice Goldhaber, distinguished scientist, Brookhaven National Laboratory; Herman H. Goldstine, IBM Fellow, Princeton University; William R. Hewlett, president of Hewlett-Packard Co.; Helmut E. Landsberg, research professor, University of Maryland; George M. Low, former president of Rensselaer Polytechnic In-



WENDELL ROELOFS

stitute, a posthumous award; Walter H. Munk, professor of geophysics, University of California at San Diego; George C. Pimental, director of the Laboratory of Chemical Biodynamics, University of California at Berkeley; Frederick Reines, professor of physics, University of California at Irvine; Bruno B. Rossi, professor of anatomy, Albert Einstein College; J. Rob-

ert Schrieffer, professor of physics, University of Pennsylvania; Isadore M. Singer, professor of mathematics, Massachusetts Institute of Technology; John J. Trump, professor of electrical engineering, MIT, a posthumous award; and Richard N. Zare, professor of chemistry, Stanford University.

A member of the Cornell faculty since 1965, Hoffmann serves as the John A. Newman Professor of Physical Science. The theoretical chemist has developed a variety of computational procedures, as well as qualitative symmetry and bonding arguments, and has applied these methods to problems of structure and reactivity of both organic and inorganic molecules. His Nobel Prize, shared with Kenichi Fukui of Kyoto University, Japan, was for devising a set of rules, based on the geometry of atoms, that predict whether or not chemical reactions will occur.

Roelofs joined the Agricultural Experiment Station in 1965. His pioneering studies on the isolation, identification, synthesis, and of the insect sex attractants known as pheromones have resulted in an increased use of these substances in agriculture. A technique developed by Roelofs to monitor for biologically active compounds in pheromone extracts was regarded as a monumental breakthrough. His studies have improved pest-management programs in orchards, allowing growers to eliminate unnecessary pesticide treatments.

PEOPLE

Richard A. Baer, Jr., professor of natural resources in the State College of Agriculture and Life Sciences has been awarded indefinite tenure. Baer joined Cornell as an associate professor in 1974 and was promoted to professor in 1982. Previously, he was a faculty member at Earlham College (Indiana) from 1962 to 1973. Baer is known nationally for his work in the area of agricultural and environmental ethics.

Jonathan D. Culler, professor of English in the College of Arts and Sciences, has been named the Class of 1916 Professor of English. Culler, who joined the Cornell

faculty in 1977 as a professor with indefinite tenure, is recognized as the country's leading exponent of contemporary literary theory. He has published books on Flaubert and Saussure, and his book "Structuralist Poetics: Structuralism, Linguistics and the Study of Literature," earned him the James Russel Lowell Prize of the Modern Language Association. His book "The Pursuit of Signs: Semiotics, Literature, Deconstruction" was chosen by The Reader's Subscription Book Club as its main selection in May 1981.

Surgeon General to Be on Panel On 'Euthanasia or Infanticide?'

Dr. C. Everett Koop, surgeon general of the United States, will lecture and take part in a panel discussion Thursday, March 7, at the Cornell Law School. The topic is "Withholding Medical Treatment from Severely Handicapped Infants: Euthanasia or Infanticide?"

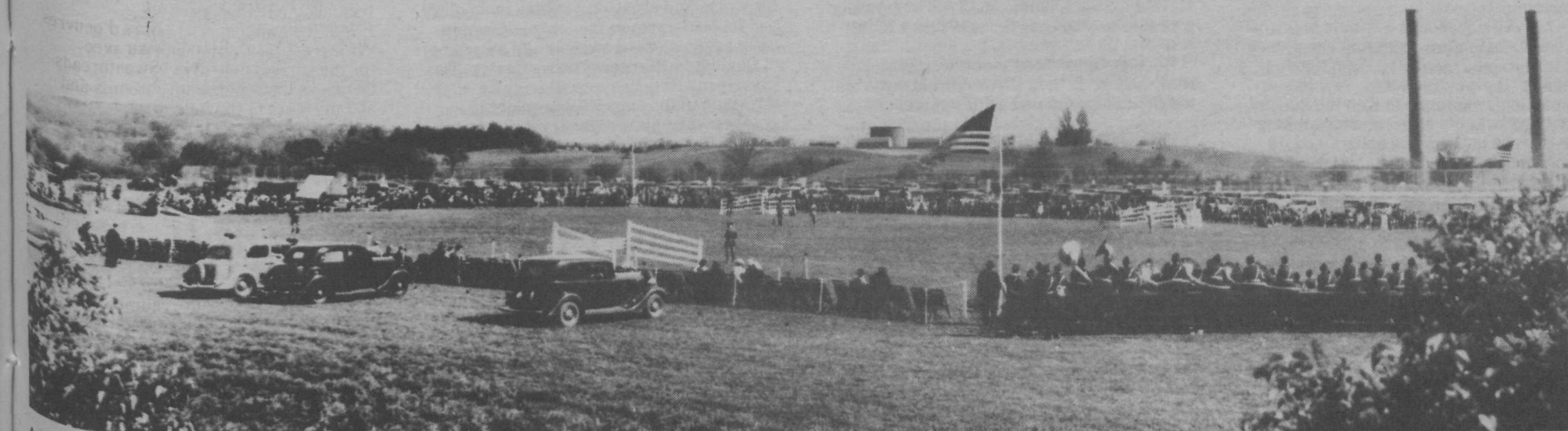
Koop will deliver an opening lecture on the subject starting at 8 p.m. in the Moot Court Room of Myron Taylor Hall on the Cornell campus. The event is free to the public.

A panel discussion will follow Koop's talk. He will be joined on the panel by Peter Auld, M.D., director of the Neonatal Intensive Care Unit at New York Hospital-Cornell Medical School, New York City; Margaret Somerville, professor of law and professor of medicine at McGill University, Montreal, and Laura Purdy, assistant professor of philosophy and ethics at Wells College, Aurora, New York.

The lecture and panel discussion are sponsored by the Cornell Law School's Law, Ethics, and Religion Program.

According to John Lee Smith, dean of students at the law school and director of the program, "One of the most difficult and complex moral problems facing modern medical practice is whether medical care can be justifiably withheld from defective infants, and in so doing cause their death."

"Withholding treatment from severely handicapped children has occurred frequently throughout history; only recently, however, has the medical profession openly acknowledged the practice and — further — affirmed its desirability. This acknowledgement and advocacy of involuntary euthanasia by members of the medical profession has provoked a reaction by critics, including right-to-life advocates, who view neonatal euthanasia as merely a euphemism for infanticide."



Another print from a group of old negatives in University Archives is this one of what appears to be a crowd gathered for a horse show on Alumni Field, with the heating tower stacks on the right. Prints from the 1930s-era negatives were financed by a gift from the Class of 1949.

Summer School at Cornell Is a Special Experience

The 800 high school juniors and seniors who study here this summer will participate in a "learning experience that is unrivaled in the world's academic community."

Cornell offers a broader selection of college-level courses than most other summer study programs. But there are more than traditional academic studies awaiting the high school students. Special programs have been designed to help them search for and apply to the right college, and to develop study skills essential for success as a student. In addition, career exploration classes have been developed to guide students who are contemplating careers in the architecture, engineering, or law related professions.

Best of all, the Summer College for high school students is offered in a campus setting that has been rated one of the most beautiful in the country.

Students in the program, which runs from June 29 to August 13, have a tremendous selection of regular college courses to choose from this year, the 23rd for Cornell's Summer College.

According to Margaret Haine, director of the program, approximately 120 areas of study in 28 departments are available to young scholars who come from 30 states and from places as far flung as Hong Kong, Greece, India, and Switzerland. The overall goal of the program, she adds, is to give students an approximation of a college experience and to show that "at Cornell, learning and fun are not mutually exclusive."

Students enrolled in the Summer College get a head start on their undergraduate education by taking six to eight credits, a full academic load for a summer program. Grades are permanently recorded on an official Cornell University transcript, and may be used later toward an undergraduate degree at Cornell or elsewhere.

The courses, virtually all taught by regular Cornell faculty — yet another hallmark of the program — range from computer science to comparative literature, from archaeology to theatre arts, from mechanical and aerospace engineering to medieval studies.

For those considering careers in professionally competitive fields such as architecture, engineering, law and law related professions, the Summer College offers "career exploration programs" in these areas. All three career exploration programs involve meeting and speaking with faculty and practitioners about their work and current developments in the field, trips to significant places associated with the fields (e.g. for architecture, a home designed by Frank Lloyd Wright and a museum designed by I.M. Pei; in the engineering course, the Center for Radiophysics and Space Research; for the law program, courtroom and jail) and classroom instruction.

Cornell's program also addresses two issues increasingly discussed by teachers of college freshmen — writing and study skills. Several departments offer courses specially designed for the Emphasis on Writing Program. In small seminar-type

classes, students receive individual attention that helps them fine tune their writing skills. In meetings with teachers, students' strengths and weaknesses (such as sentence construction) are assessed. Special care is paid to those areas that need to be developed, and numerous writing samples are continuously compared in order to measure progress.

A three-week noncredit College Study Skills course prepares students to attend college and aids students who have already completed one year of college. The focus of this developmental, not remedial, program is on learning and applying study habits and thinking patterns conducive to success in college courses. Some of the topics covered are: critical reading and thinking, effective note-taking, avoiding procrastination, textbook analysis, time management, concentration, and motivation.

Eligibility requirements for Summer College Program participants include: the completion of the junior or senior year of high school by June of the year for which they are applying; the submission of an application form and PSAT or SAT scores and two brief references from teachers and/or guidance counselors. International students are encouraged to participate. Those applicants whose first language is not English must have a Test of English as a Foreign Language (TOEFL) score of at least 536. Students who score below 536, but who have a basic knowledge of English, may enroll in the English as a Second Language Program through Summer College.

Haine is particularly sensitive to the concerns of "her kids" about the "correct way" to go about applying for college admission and choosing a major. In answer to this need, Cornell's Office of Admissions will be conducting workshops on "how to apply to the college of your choice," which will include arranging visits to college campuses, interviewing, and preparing applications. Furthermore, representatives from various colleges at Cornell and from neighboring colleges will answer questions about study and career options.

However, Haine points out, it is not "all work and no play for the group." Intramural sports and other recreational and social activities are available, as are indoor and outdoor concerts, lectures, theatrical productions and films. The students live in university residence halls and eat together in a university dining facility. Unlike summer programs at some other universities, Cornell Summer College participants are supervised by adults and are expected to adhere to curfews.

"Our program is different in many ways," Haine states. "We are located in an area famous for its great natural beauty. We offer a wide range of courses and special programs and we offer these in a low-pressure setting, which allows the students to adjust more easily to the quality of life and work they will find once they get to college."

Imperialism in European History Conference Topic

A two-day conference on the role of imperialism in European culture of the 18th and 19th centuries is scheduled here for March 8 and 9.

Sponsored by Cornell's Society for the Humanities, the event is open free to the public and is titled "Images of Empire: Power & Subversion in Literature and the Visual Arts."

The aim of the conference is to examine manifestations of power in imperial contexts and to assess the function of culture in supporting or subverting that power. Using aesthetic, political, and cultural perspectives, participants will discuss the ways in which images of empire are in-

terpreted or created during this period.

All the discussions will take place in the Andrew D. White House at the corner of Tower Road and East Avenue on the Cornell campus. One of the highlights will be an address at 5 p.m. Friday, March 8, by Ronald Paulson, professor of English and art history at Johns Hopkins University. A specialist in eighteenth-century British literature and painting, Paulson will speak on "The Imperial Canon and Hogarth's Sculpture Yard." Among his books are "William Hogarth: Life & Works" and "Representations of Revolution (1789-1820)."

The conference will open at 3 p.m.

Friday, March 8, with three papers by Cornell faculty on aspects of the theme "Images of Empire."

- Laura Brown, associate professor of English, "Images of Empire, Images of Women."

- Isaac Kramnick, the Richard J. Schwartz Professor Government, "Critics of Empire in Eighteenth-Century England."

- Esther Dotson, associate professor of art history, "Fischer von Erlach and Imperial Imagery."

The conference will reconvene at 9:30 a.m. Saturday with a paper on "The Shape of History in Napoleonic Paris" by Richard

Becherer, assistant professor of architecture and architectural history at the University of Virginia, followed by three papers on the theme "Napoleon and the Critique of Empire," presented by:

- Michael Fend of the Warburg Institute, London, "Goethe's Views of Napoleon";

- Theresa Kelley, associate professor of English, University of Texas at San Antonio, "Crossing the Alps: Turner's Napoleonic Code";

- Patricia Carden, professor of Russian literature at Cornell, "Napoleon and Education. Tolstoy's Critique of the Imperial Ideal."

Supercomputers

Area Congressmen Join Hands to Support University's Effort

Tompkins County's three congressmen said Monday they were delighted with the National Science Foundation's decision to designate Cornell as a supercomputing center.

"The NSF decision is a tribute to Cornell's continuing academic excellence and leadership," said Rep. Sherwood Boehlert (R-New Hartford). "I'd like to pay particular homage to Ken Wilson for directing Cornell's effort and for making sure that we in Congress understood its tremendous significance."

Boehlert, who is the ranking Republican

on the House subcommittee that oversees the NSF, continued: "The NSF's decision is also a tribute to the teamwork of the county's congressional delegation. Matt McHugh, Stan Lundine and I did everything we could to advocate Cornell's case to the NSF."

Boehlert also noted that it was he and Rep. George Brown (D-California) who led the fight to get money for the supercomputer centers included in the budget.

"My work on behalf of supercomputers became almost a crusade," Boehlert said. "It's gratifying to see that effort paying off

now, not only for the country, but for our own area."

Matt McHugh (D-Ithaca) said: "Cornell has long enjoyed an outstanding reputation for vision and creativity in high technology, and its leadership in this area is dramatically acknowledged today in the awarding of funding for the new Theory Center. This supercomputing center will truly be futuristic in the support it provides to graduate disciplines, and it represents a giant step forward in high technology development not only for Cornell, but for all of New York State."

"I believe the project also represents an excellent and gratifying example of cooperation between the public and private sectors in achieving this highly significant technological advance," McHugh added. Stanley Lundine (D-Jamestown) said: "It's great for Cornell and it's also great for the surrounding area. This new center enhances the reputation of the university and the state in the field of computer science."

Governor Cuomo Lauds 'Vision and Magnitude' of Cornell Plans

Statement Monday by Gov. Mario M. Cuomo:

"I am delighted to learn that Cornell University has been designated by the National Science Foundation as one of four national supercomputer centers. The vision and magnitude of Cornell's plans — helping to solve complex scientific problems and to strengthen this country's position in international technology — are impressive, and are of great importance to the State of

New York. This award is another indication of the excellence of New York state institutions in science and high-technology and of New York state's leading role in that arena.

"Particularly striking in this project is the partnership between IBM, one of our state's leading industrial firms, Cornell University and the State of New York.

"One of the major emphases of my administration has been the promotion of technology based economic development,

and this national center at Cornell will become an important component in our programs. We are exploring, for example, the feasibility of establishing a high-speed communications network (digital thruway) that would link the universities and industries of our state with the Cornell Center. This link will promote cooperation and economic growth throughout the state.

"I am also pleased to learn that two other outstanding New York state institu-

tions, the University of Rochester and New York University, are participants in one of the other supercomputer centers, the Consortium for Scientific Computing, located in Princeton, New Jersey.

"I will follow these developments closely, and we will strive to see that the entire state benefits from this development."

Business to Benefit Greatly from Supercomputing

The advanced power of supercomputing and the research discoveries it makes possible promise to improve the entire corporate product cycle, from conception of a product through manufacturing to distribution.

The time needed to design new automobiles, medications, or even entire factories will eventually be cut by one-half or more, and engineers will be able to consider a nearly infinite number of possible designs, predicted William L. Schrader, executive director of Cornell University's new Center for Theory and Simulation in Science and Engineering.

Those improvements will strengthen America's position in international economic and high technology competition, he said.

"Today's engineers try to design products that will work, be safe, and make money," Schrader explained. "In the 1990s, supercomputers will allow engineers to do that, plus create the optimal products in their fields. American products will be among the best that can be produced."

No longer will engineers be limited by the time and cost constraints of product testing. Supercomputers will become their laboratories where, through advanced computer simulation, they can discover how any number of designs for electronic components or manufacturing methods will perform, before the components or manufacturing systems exist.

The real testing will await the design selected as best by the computer, which will perform its simulations based on models provided by researchers.

"The possible trap is that you could spend all your time playing with the simulation and doing designs, not making anything," Schrader said half-seriously.

Two firms, IBM and Floating Point Systems, have already agreed to partici-



Viewing a demonstration of three-dimensional computer graphics are, from left, Lloyd Turner, president of Floating Point Systems, supplier of scientific processors for the Theory Center; Donald P. Greenberg, professor of architecture and director of the Program of Computer Graphics; and Kenneth G. Wilson, professor of physical science and director of the Theory Center.

pate in Cornell's Theory Center. Additional support is being sought from aerospace, chemical, engineering, energy, automotive and other firms.

Several business representatives were to meet with Theory Center leaders at Cornell this week. The Theory Center has formed an industrial associates program to

share resources supporting basic research.

"The Theory Center will work with corporations to determine how supercomputing can be mutually beneficial," Schrader said. "We will not do proprietary research, but we will share our research findings and the advancements we make in supercomputing technology."

In a current Cornell study that requires the power of supercomputing, researchers are examining the nature of transonic flows in an attempt to predict the aerodynamic forces on aircraft. They may discover, for example, that slight adjustments should be made in wing designs to reduce drag and achieve optimal high-speed flight.

The applications of supercomputing extend beyond industry and high technology. A Cornell agricultural engineer, for example, plans to use the Theory Center's supercomputer to understand the mechanical structure of the plant cells that regulate the exchange of water vapor and carbon dioxide between plants and the environment. His research could yield better irrigation methods that would increase agriculture production.

Corporations participating in Cornell's Theory Center will find themselves on the cutting edge of industrial innovation, Schrader said.

"Many of our research programs have industrial relevance," Schrader emphasized. "In fact, it is hard to define a computer-based research program that is not relevant to industry."

"Academic-government-industry cooperation is necessary if we are going to continue as a leader in scientific research, and if the United States is going to transfer those findings into the marketplace and remain internationally competitive," Schrader said.

Locally, Schrader expects the Theory Center to contribute to upstate New York's development as a high technology region, reaching from Albany to Buffalo. There will be an influx of corporations into upstate New York that will provide an unknown number of jobs in addition to the 100 jobs that will be created directly by the Theory Center, Schrader said.

Theory Center Here Will Explore Parallel Systems

Continued from Page 1

Center — are collaborating to make it a reality. The NSF award and the partnership with IBM and Floating Point Systems represent a starting point. From this, the Theory Center will build a much larger effort involving the entire computing industry, a large number of industrial users of computing, many universities, and the government," he said.

The Theory Center represents the latest in a long history of interdisciplinary efforts at Cornell.

Cornell President Rhodes commented, "It is a privilege for Cornell to have the chance to focus the talents of so many distinguished researchers on a project that will benefit a broad segment of society, both here and abroad."

Rhodes extended his congratulations to Wilson and the other principal investigators involved in the Theory Center — Ravi Sudan, the IBM Professor of Engineering at Cornell, and Kenneth M. King, vice provost for computing at Cornell.

Wilson said, "The federal commitment of \$200 million over five years to the NSF supercomputing program initiates one of the most significant thrusts in 20th century science and engineering."

The other centers named today by the NSF are the University of Illinois at Champaign-Urbana, and two consortiums — one centered at the John Von Neumann Center in Princeton, NJ, and the other in San Diego, CA. The Cornell and Illinois facilities are the first national supercomputer centers to be awarded to single universities under the current NSF initiative.

NSF plans call for the four supercomputing centers to be the nucleus of a national academic network for use by scientists and engineers from throughout the country.

Related Stories On Page 4

Cornell's Theory Center will have two thrusts. First, a production facility for supercomputing will be used by hundreds of university, government, and industry researchers in the sciences and engineering. They will investigate questions at the forefront of research, in fields ranging from astrophysics to chemical engineering to economics.

In addition, the Cornell project is distinguished from the other three centers in that it will explore the strengths of highly parallel supercomputers. Most other computer systems are designed to operate in a sequential mode.

Other strengths of Cornell's plans are the development of computer languages and interactive computer graphics. The Cornell research project "embraces a unique research capability in multi-dimensional color graphics that will make it possible for scientists to monitor their simulations as they occur, through interactive graphics," Wilson said.

Cornell's Theory Center will encourage advances in fields as diverse as fluid and plasma dynamics and turbulence, the structure of the proton, the mechanics of granular materials, planetary atmospheres, the evolution of green plants, the analysis of mathematical algorithms, and the modeling of economic and environmental systems.

"We plan to use massive computing power to overcome the mathematical obstacles at the core of some of the most difficult problems in science and engineering," Wilson said.

Specially designed, highly advanced

computers, he explained, are used for modeling and simulation tasks in areas where actual tests and experiments are prohibitive because of cost, time, or other reasons. This simulation and modeling is becoming increasingly complex, requiring more powerful computers.

For industry, computer simulation can dramatically shorten design time. Through simulation, computers can analyze the effectiveness of designs for products, manufacturing processes, or even an entire factory without costly and time consuming trials, for example.

In a statement issued Monday, J.D. Kuehler, IBM Senior Vice President in charge of the IBM Technology Group said: "IBM fully supports the National Science Foundation's initiative in the Advanced Scientific Computing Centers Program to place a high national priority on advanced computer facilities for researchers in the

academic community. We are particularly pleased to be supporting Cornell University because of the outstanding reputation Cornell researchers hold for achievements in science and because of our long-standing and very positive relationship with the University."

Lloyd D. Turner, president and chief executive officer of Floating Point Systems, said: "The Cornell center is taking a unique approach to meeting the nation's supercomputing needs. By pursuing new frontiers in parallel processing and innovative supercomputing methods, Cornell is showing the way to new levels of performance in scientific computing."

Cornell has established an industrial associates program to encourage research cooperation and resource sharing among corporate, government, and university scientists. More than 30 corporations, several national laboratories, and other universities are being sought to participate with Cornell.

Several corporations already have indicated interest in the project, according to Cornell officials.

Isaac Stern, extraordinary violinist who for the past 46 years had dedicated his mind and artistry to the good of music and mankind, will visit Bailey Hall Auditorium on Thursday, March 7. Those attending the 8:15 p.m. concert will get a glimpse of a man who is not only a musician, but a teacher, advocate, mentor, and film performer. For ticket information, phone the Lincoln Hall music office at 256-5144 between 9 a.m. and 1 p.m.



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

EARS

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 into WSH Room 211 or call 256-EARS. Su-Th, 3-11 p.m.; Fri & Sat, 7-11 p.m.

Writing Workshop

Writing workshop walk-in service; free tutorial instruction in writing. Monday-Thursday from 3:30-6 & 7:30-10 p.m. Sunday from 3-8 p.m. in 174 Rockefeller Hall.

Meet the Travelers

On Thursday, February 28, Professor Carla Golden will be talking on "Educational Adventure Around the World" at 7:30 p.m. in the Statler Inn Main Lounge. There will be slides to accompany the talk.

African Songwriter-Tony Bird

On Saturday, March 2, 1985 at 8:00 p.m., in Kaufmann Auditorium, Goldwin Smith Hall, Balinkie Productions and the Commons Coffeehouse will present African songwriter and singer Tony Bird. Tony Bird is impossible to categorize. Tony's unique songs have captivated audiences and inspired critics throughout Africa, Canada, England, Italy and the USA. Tickets are available at Ithaca Guitar Works, Borealis Books and The Commons Coffeehouse. For more information call (607) 277-2306.

Personal Growth Workshops

Personal growth workshops, small, 5 week discussion, skills building & support groups, begin the week of Feb. 11. All groups are free and confidential. Open to the Cornell community. Topics include: Building Satisfying Relationships (communication skills), Building Self-Esteem, General Personal Growth, Coping with Parental Divorce, Coming Out (separate sections for men & women), and Overcoming Writers' Block (for graduate students). To sign up or for more information, please call Greta at 256-3608 or stop by 103 Barnes Hall. Registration begins Jan. 31.

Workshop-Conference

On Saturday, March 9, 1985 from 9:00 a.m. to 4:00 p.m., in 701 Clark Hall, The Western Societies Program will present a workshop-conference with scholars from Cornell and other Northeastern institutions. "The German Opposition to Hitler and It's Legacy."

Luncheon-Discussion Group

On Friday, March 1, 1985 at 12:15 p.m., in Uris 153, The Western Societies Program will present a luncheondiscussion with Nancy Struever, "Ethics in the Renaissance." Nancy Struever holds a joint appointment in the History Department and the Humanities Center at John Hopkins University.

Food and Foodways Workshop

On Friday, March 1, 1985 at 4:00 p.m., in Uris 153, The Western Societies Program will present a Food and Foodways Workshop with Mark W. Wilde, "Mechanizing the Organic: The Industrialization of Cheesemaking in America." Mark Wilde is a fellow of the Eleutherian Mills Foundation and a doctoral candidate at the University of Delaware.

Alternatives Library

World perspectives and disarmament, learn more at the Alternatives Library, Anabel Taylor Hall, Cornell University. Open to the public.

Makhela (Hebrew choir)

Makhela (Hebrew choir), meets every Sunday at 9:00 p.m. in the Edwards Room, Anabel Taylor Hall.

Hillel Grad Group

The Hillel Grad Group will be going together to the Johnson Art Museum on Sunday, March 3, at 2:00 p.m. Call Howard at 273-8770, for more information.

Purim Party

Hillel-Young Israel will co-sponsor a Purim Party on Wednesday, March 6, following Purim Services.

Engineering Career Orientation Forum

Attention Freshman and Sophomore Engineers. The next Engineering Career Forum for 1985 in Operations Research & Industrial Engineering is coming up on Wednesday, March 6, at 4:30 p.m. in Olin Hall, Room 155. The Career Forums is a chance to hear firsthand about job opportunities for Operations Research & Industrial Engineers from Arthur Anderson & Co. and McNeil Consumer Products representatives. A graduate student will also present the options of continuing education. For more information, contact the Engineering Admissions Office at 256-5008. Sponsored by the Engineering Ambassadors Association.

Cornell Nursery School

Cornell Nursery School, Martha Van Rensselaer Hall, will accept applications for 1985-86 on Monday, March 4 through Friday, March 8, from 9:00 a.m. to 4:00 p.m., half-day sessions, A.M. and P.M., 5 days a week. For more information or to arrange to visit the School, call Pat Ziegler at 256-2089.

Korean Cultural Night

Korean Cultural Night-In celebration of Korean Independence Day, Cornell Korean Society at Cornell University, will hold an eventful evening at Statler Auditorium from 8:00 p.m. till 10:00 p.m. on March 2. The evening will include a dance company, a tae-kwon-do demonstration, authentic Korean music and much more. Please join us on this memorable occasion - it's free! Partly sponsored by SFC.

"Carnaval" International Mardi-Gras

The Second Annual "Carnaval" International MardiGras Celebration will be held at 9:00 p.m. on Saturday, March 2, at Cornell's Judging Pavilion, Judd Falls Road, next to the Cornell Dairy Store. "Carnaval" features the electrifying Samba sounds of the band "Pe De Boi" (pro: pay da boy), from Brazil. Tickets are \$6.00 in advance at the Willard Straight Ticket Office, Cornell Campus, or \$7.00 at the door on "Carnaval" night. Sponsored by the International Business Association, the Center for International Studies, the International Students Programming Board, and the Latin American Studies Program.

Intramural-Skiing

Skiing-Giant Slalom (Men, Women, Co-Ed). Deadline on entries: Friday, March 1, at 4:00 p.m. in the Intramural Office in Helen Newman Hall. Contestants will run in numerical order...Numbers and pins will be issued when you submit your roster...Co-Ed: Equal number of men and women to enter. First man and woman to finish will score. (You must wear your number.) (Minimum of 4 to enter...3 must finish to score as a team). \$15.00 per person to enter, checks payable to Greek Peak.

Intramural-Badminton

Badminton (Men, Women, Co-Ed) (Doubles). Deadline on entries: Monday, March 4, at 4:00 p.m. in the Intramural Office in Helen Newman Hall. Minimum of (2) to enter... Play starts Monday, April 8 in Barton Hall...Monday through Thursday evenings...Straight elimination tournament...You do not have a choice of days or times. An entry fee of \$2.00 due with your roster to enter...Checks only, payable to "Dept. of P.E. & Ath., Intra. Div."

Intramural-Softball

Softball (Men, Women, Co-Ed). Deadline on entries: Wednesday, March 6, at 4:00 p.m. in the Intramural Office in Helen Newman Hall. Minimum of (12) to enter...Co-Ed: Equal Number of Men and Women...Play starts Monday, April 8, on Jessup Field... Please specify your preferred day of play (1st, 2nd, 3rd choice)...You do not have a choice of times...Play will be Monday through Friday...Starting at 4:30 p.m. (4 or 5 banks of games an evening, if necessary) Forfeit fee of \$10.00 due with your roster to enter...If you do not forfeit any of your regularly scheduled games we will void the check at the end of softball...Checks only, Please make checks payable to "Department of P.B. & Ath., Intra. Div."...Post date the checks "May 10, 1985." Please specify Division A or B on your roster.

Colloquia

Friday

March 8, 8:00 p.m. Kaufmann Auditorium. "Symposium on Job Prospects in Development"

Jim DeHarporre, Catholic Relief Service, John Pollack, Harvard Institute for International Development, Charles Antholt, USAID. Sponsored by the International Association of Camel Breeders.

Saturday

March 9, 10:00 a.m.-4:00 p.m. 401 Warren Hall. Discussion Sessions on working with International Organizations, Private Voluntary Organizations, USAID and Consulting Agencies. Sponsored by the International Association of Camel Breeders.

Dance

Cornell Folkdancers

The Cornell Folkdancers meet in the North Room of Willard Straight Hall on Sunday, March 10. Instruction is from 7:00 till 8:30 p.m., followed by request dancing till 10:30 p.m. Free; beginners welcome; no partners needed. For more information call 256-7149 or 257-3156.

International Ballroom Dance Party

Dance, Sunday, March 3, in the Memorial Room of Willard Straight Hall. The teacher is David Nulle. There will be a workshop from 1:00-3:00 p.m. on Ballroom Dancing and from 7:30-8:15 p.m. on The Tango. An International Ballroom Dance Party will be held immediately after from 8:15 p.m. till midnight. Free. Come single or partnered, casual or costumed. For more information call 257-3156. Sponsored by the Experimental college dance classes, International folkdancers, Israeli folkdancers, Jitterbuggers. Physical Education Ballroom dance classes.

Jitterbug Club

The Jitterbug Club dances the 1st, 3rd and 5th Wednesday of every month from 9-11 p.m. in the Edwards Room in Anabel Taylor Hall. We teach beginners from 9-10 p.m. Call Jim at 273-5268 for more information.

Scottish Country Dancing

Scottish Country Dancing. Everyone welcome. Teaching for beginners is 8-10 p.m. Sundays, except the 1st week of every month. We meet Mondays, 8-10 p.m. at 213 S. Geneva Street. For more information call 272-6229.

Country Dancers

The Country Dancers meet each Tuesday 7:30-9:30 p.m. in Martha Van Rensselaer Hall (lobby near "Martha's") for English and contra dancing. No partners needed. Beginners welcome-each dance is taught. For more information call Connie at 272-1931.

Israeli Folk Dancing

Israeli Folk-Dancing every Thursday from 8-11 p.m. in the One World Room, Anabel Taylor Hall. Teaching from 8-9 p.m.; requests, 9-11 p.m. Call Sharon at 272-4176 for more information.

Exhibits

Herbert F. Johnson Nuseum

"Order and Enigma: American Art Between the Two Wars", on view from February 20th

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through April 7th, is an exhibition of sixty-two paintings, prints, sculptures and drawings created between 1917 and 1941. Represented are Charles Burchfield, Stuart Davis, Arthur Dove, Edward Hopper, Georgia O'Keeffe, Grant Wood and many others.

"Dyer's Art Weaver's Hand: Textiles from the Indonesian Archipelago", an exhibition comprised of approximately fifty textiles from private collections representing many of the islands of Indonesia, is on view from February 20th through May 1st. Cornell University's Southeast Asia Program is sponsoring the show in conjunction with the museum.

Films

Unless otherwise noted films are sponsored by Cornell Cinema.

Friday

March 1, 7:30 p.m. *Statler Auditorium. "The Trouble With Harry", (1956), directed by Alfred Hitchcock, with Shirley MacLaine and John Forsythe. Limited.

March 1, 9:30 p.m. *Uris Auditorium. "Biquefarre", (1983), directed by Georges Rouquier. Documentary. Open.

March 1, 10:00 p.m. *Statler Auditorium. "The Terminator", (1984), directed by James Cameron, with Arnold Schwarzenegger and Linda Hamilton. Limited.

Saturday

March 2, 7:00 p.m. *Uris Auditorium. "Biquefarre", (1983), directed by Georges Rouquier. Documentary. Open.

March 2, 9:00 p.m. *Uris Auditorium. "The Terminator", (1984), directed by James Cameron, with Arnold Schwarzenegger and Linda Hamilton. Limited.

March 2, 11:15 p.m. *Uris Auditorium. "The Trouble with Harry", (1956), directed by Alfred Hitchcock, with Shirley MacLaine and John Forsythe. Limited.

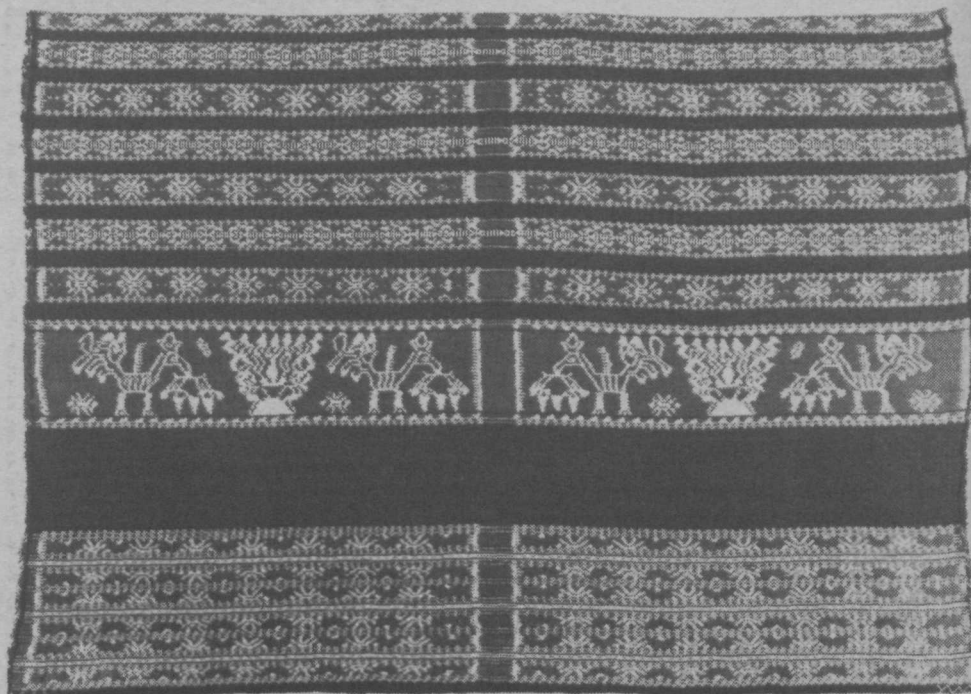
Sunday

March 3, 1:00 p.m. Herbert F. Johnson Museum. The Indonesian Film Series presents "Double Ikat at Tenganan Pegeringsingan: Winding and Wrapping the Warp", (47 minutes) Cosponsored by the Southeast Asia Program.

March 3, 2:00 p.m. *Uris Auditorium. "Tron" (1982), directed by Steven Lisberger, with Jeff Bridges and David Warner. Limited. Cosponsored by the Ithaca Youth Bureau.

March 3, 2:00 p.m. Johnson Museum. "Gray Areas", (1984), directed by Renee Shafransky, with Spalding Gray. Shown with "Spalding Gray's Map of L.A.", (1984), directed by Bruce and Norman Yanemoto. Cosponsored by NYSCA. Open.

March 3, 8:00 p.m. *Uris Auditorium. "The Verdict", (1982), directed by Sidney Lumet, with Paul Newman, Charlotte Rampling and James



Warp ikat cotton sarong from Sawu, from the collection of Ward and Cheryl Heneveld is part of the exhibition "Dyer's Art/Weaver's Hand: Textiles from the Indonesian Archipelago" at the Herbert F. Johnson Museum of Art through May 1.

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Mason. Limited. Cosponsored by the Law and Society Program.

Monday

March 4, 7:00 p.m. *Uris Auditorium. "The Father". (1973). directed by Yilmaz Guney, with Kuzey Vargin. Open. Cosponsored by the Aegean Society.

March 4, 9:00 p.m. *Uris Auditorium. "Little Murders". (1971). directed by Alan Arkin, with Elliot Gould and Donald Sutherland. Film Club Members Only.

Tuesday

March 5, 4:30 p.m. Uris Library Media Center. "Vietnam: Picking Up the Pieces". color, 60 minutes. A group of American TV journalists tour north and south Vietnam (1977) and document the efforts to rebuild the country. Cosponsored by the Southeast Asia Program.

March 5, 8:00 p.m. *Uris Auditorium. "Boesman and Lena". (1973). directed by Ross Devenish, with Athol Fugard. Shown with "The Guest". Open.

Wednesday

March 6, 2:30 p.m. Uris Auditorium. "Zatoichi v. Yojimbo". (1970). directed by Kihachi Okamoto, with Toshiro Mifune, Shintaro Katsu, and Ayako Wakso. Shown with "The Blind Swordsman". Cosponsored by the China-Japan Program.

March 6, 7:00 p.m. Hollister B-14. "Day After Trinity". a documentary on the Manhattan Project (to design and build the first nuclear bomb) including interviews with scientists involved. Sponsored by Forum on Ethics and Responsibility in Engineering.

March 6, 8:00 p.m. *Uris Auditorium. "Blonde Venus". (1932). directed by Joseph von Sternberg, with Marlene Dietrich, Cary Grant, and Herbert Marshall. Open.

Thursday

March 7, 4:30 p.m. Uris Auditorium. "The Fiancee". (1980). directed by Gunter Reisch and Gunther Rucker, with Jutta Wachowiak and Inge Keller. Open. Cosponsored by the Western Societies Program and Department of German Literature.

March 7, 8:00 p.m. *Uris Auditorium. "King Lear". (1971). directed by Peter Brook with Paul Scofield and Irene Worth. Limited. Cosponsored by the English Department.

Friday

March 8, 4:30 p.m. Uris Auditorium. "Mama I'm Alive". (1976). directed by Konrad Wolf, with Peter Prager and Uwe Zerbe. Open. Cosponsored by the Western Societies Program and Department of German Literature.

March 8, 10:00 p.m. *Uris Auditorium. "The Times of Harvey Milk". (1984). directed by Robert Epstein, narrated by Harvey Fierstein. Documentary. Open. Cosponsored by GayPac.

March 8, 10:00 p.m. *Statler Auditorium. "The Little Drummer Girl". (1984). directed by George Hill, with Diane Keaton, Yorgo Voy Agis, and Klaus Kinski. Limited.

Saturday

March 9, 4:30 p.m. Uris Auditorium. "Germans Against Hitler". (Britain, using footage shot by Nazis of the trial of the July 20th 1944 conspirators). Cosponsored by the Western Societies Program.

March 9, 7:30 p.m. *Statler Auditorium. "The Little Drummer Girl". (1984). directed by George Hill, with Diane Keaton, Yorgo Voy Agis, and Klaus Kinski. Limited.

March 9, 8:00 p.m. *Uris Auditorium. "The Times of Harvey Milk". (1980). directed by Robert Epstein, narrated by Harvey Fierstein. Documentary. Open. Cosponsored by GayPac.

March 9, 10:00 p.m. *Uris Auditorium. "The White Rose". (1982). directed by Michael Verhoeven. Open. Cosponsored by the Western Societies Program.

Sunday

March 10, 1:00 p.m. Herbert F. Johnson Museum. The Indonesian Film Series presents "Double Ikut at Tenganan Pegeringsingan II: Winding and Wrapping the Weft. Red Dyeing. Removal of the Weft Resists" (33 minutes), and "Snaga's Family—A Batak Village" (18 minutes).

March 10, 2:00 p.m. Uris Auditorium. "Dietrich Bonhoeffer: Memories and Perspective". (1984). directed by Bain Boelheke. Documentary. Open. Cosponsored by the Western Societies Program.

March 10, 2:00 p.m. Herbert F. Johnson Museum. "City Archives". (1978). directed by Richard Foreman. Shown with "Out of Body Travel". (1976). directed by Richard Foreman. Open.

March 10, 8:00 p.m. *Uris Auditorium. "Anatomy of a Murder". (1959). directed by Otto Preminger, with James Stewart and Lee Remick. Limited. Cosponsored by the Law and Society Program.

Lectures

Thursday

Feb. 28, 12:20 p.m. 102 West Avenue. Southeast Asia program. Pamela Sodhy, Department of History, National University of Malaysia and SEAP Visiting Fellow. "U.S. Malaysian Relations Since 1966".

Feb. 28, 10:00-11:00 a.m. Herbert F. Johnson Museum. "Highlights of Chinese Painting and Ceramics from the Museum Collection." Emoretta Yang, assistant curator of Asian art, Herbert F. Johnson Museum. Cosponsored by the Cornell University Campus Club.

Feb. 28, 4:00 p.m. Founders Room, Anabel Taylor Hall. "Former Refusenik: Transition from Russian to Israeli Life." Ella Levine. Sponsored by Student Struggle for Oppressed Jewry.

Monday

March 4, 4:30 p.m. Hollis E. Cornell Auditorium, Goldwin Smith Hall. "The Self-Image of Physics at the Turn of the Century." by John L. Heilbron, Historian of Science, University of California, Berkeley and A.D. White Professor-at-Large. Sponsored by the Program for Andrew D. White Professors-at-Large.

March 4, 7:30-9:00 p.m. One World Room, Anabel Taylor Hall. "Community Lifestyles in a Changing World." Gordon Davidson, Founder of Sirius Community, Amherst, Massachusetts. Sponsored by Center for World Community and IRIM.

Tuesday

March 5, 8:00 p.m. Founders Room, Anabel Taylor Hall. "Jewish Law and Business." Rabbi Elie Silberstein. Sponsored by Hillel.

Wednesday

March 6, 4:30 p.m. 401 Warren Hall. "Who Owns Knowledge?: Strategies for Research and Empowerment." John P. Gaventa, Co-Director of Research, Highlander Center.

March 6, 7:30-9:00 p.m. One World Room, Anabel Taylor Hall. "World Religion and World Community." Robert Johnson, Director of CURW. Sponsored by Center for World Community and IRIM.

Thursday

March 7, 8:00 p.m. 165 McGraw Hall. "Civility as Resistance in Hitler's Germany." Robert W. Whalen. He now teaches in the History Department at Queens College in Charlotte, N.C. He is the author of "Bitter Wounds", a much-praised study of the German wounded veterans movement after World War I, and participated actively in the Western Societies Program during his years at Cornell. Sponsored by the Western Societies Program.

March 7, 12:20 p.m. 102 West Avenue. Southeast Asia Program. Frederick Brown, Professional Staff Member, Senate Committee on Foreign Relations. "U.S. East Asia and Pacific Policy: The View from the Foreign Relations Committee".

Friday

March 8, 4:00 p.m. 156 Goldwin Smith Hall. "Witch and Infanticide: Representations of the Female in Faust I." Barbara Becker-Cantarino, Professor of German, University of Texas at Austin. Sponsored by the Department of German Literature.

Meetings

Tuesday

Cornellesbians holds weekly meetings. Call 256-6482 for specific location and discussion topic.

The Cornell Outing Club holds weekly meetings. The meeting time is 7:30 at Japes (behind Noyes Lodge with the canoes on the roof).

Thursday

GAYPAC holds weekly business meetings in Loft III, Willard Straight Hall at 7 p.m. Discussion to follow at 8 p.m. Call 256-6482 for more information.

Music

"Mahagonny" to Be Opera Week Feature Mayor John C. Guttenberger has declared March 1-8 Opera Week in Ithaca. And, in honor of 35 years of activity by the Ithaca Opera Association, the Cornell Chamber Orchestra will join with the community organization to present a staged production of the Kurt Weill - Bert Brecht

opera, "The Little Mahagonny."

The free to the public performances, which will take place in Barnes Hall at 8:15 p.m. Friday, March 8, and Saturday, March 9, will be staged by Gary Race, artistic director of the Ithaca Opera. Edward Murray, conductor of the Cornell Symphony Orchestra, will provide musical direction.

The cast for "The Little Mahagonny" includes: Christine Maglione, a Cornell undergraduate who appeared in Ithaca Theatre's "Sweet Charity," and Cole Porter's "Cabaret"; Patrice Pastore, an Ithaca College faculty member who has sung much contemporary music; Richard Butler, an Ithaca College student; Jack Darling, whose credits include the Tri-Cities Opera; David Shefsiek, who appeared in the Hangar Theater production of the Ithaca Opera's recent "Amahl and the Night Visitors"; and Graham Stewart, who will be seen in the Ithaca Opera's forthcoming production of "The Barber of Seville."

Preceding the opera performances will be songs by Weill, dating from his Berlin and Broadway periods. These, such as "Pirate Jenny," will be sung by Peggy Hiine, leader of the Lowdown Alligator Jass Band, and Marina Gilman, who has appeared in many Ithaca Opera productions.

Harpischordist Cowdery to Perform

Harpischordist William Cowdery will observe the 300th birthday of J.S. Bach with a performance of the composer's "Art of Fugue" at 8:15 p.m. Saturday, March 2, in Cornell University's Barnes Hall.

Free to the public, the performance will be distinguished in two ways. First, Cowdery has chosen to perform the work on the harpsichord, rather than the more frequently used organ. Second, he has constructed a hypothetical ending for the last fugue of the piece, which Bach left uncompleted at his death. Although Cowdery feels that his ending is in no way a substitute for Bach's missing music, his ending attempts to offer a logical conclusion to the 65-minute work.

A Ph.D. candidate in music at Cornell, Cowdery has participated in numerous campus performances of the music of Bach, among others.

Friday

March 1, 8:15 p.m. Barnes Hall. Cornell Jazz Ensemble, directed by Al Hamme. Sponsored by the Department of Music.

Saturday

March 2, 8:15 p.m. Barnes Hall. William Cowdery, harpsichord. J. S. Bach's "The Art of Fugue," with an original completion (Bach Festival). Sponsored by the Department of Music.

Sunday

March 3, 4:00 p.m. Bailey Hall. Verdi Requiem: Cornell Chorus and Glee Club, Soloists, Cornell Symphony Orchestra, conducted by Edward Murray. Sponsored by the Department of Music.

Friday

March 8, 8:00 p.m. Martha Van Auditorium. Walt Michael & Co. will be presented at a concert and dance. Advance tickets available at The Commons Coffeehouse (C. U.). The Ithaca Guitar Works and Borealis Bookstore. For more information call 272-7697 or 274-2183.

Religious Events

Courses

"Pulling Apart, Holding On: A Look at Identity in Some Jewish Short Stories", with Rabbi Larry Edwards, G-34 Anabel Taylor Hall, at 8:30 p.m. every Thursday.

"Mysticism", with Rabbi Elie Silberstein, 112 Schuyler Place, at 8:00 p.m. every Sunday.

"Basic Judaism", with Rabbi Larry Edwards, 314 Anabel Taylor Hall, at 7:00 p.m. every Monday.

"Parshat HaShavua" (weekly Torah portion), with Chana Silberstein, 112 Schuyler Place, at 8:30 p.m. every Monday.

Religious Services

Friday

March 1, 6:00 p.m. Founders Room, Anabel Taylor Hall. Shabbat Services, Conservative Egalitarian Minyan.

March 1, 6:00 p.m. Anabel Taylor Chapel. Shabbat Services, Reform Minyan.

March 1 Please call 272-5810 for information about Orthodox Services.

Saturday

March 2, 9:15 a.m. Edwards Room, Anabel Taylor Hall. Shabbat Services, Orthodox Minyan.

March 2, 10:00 a.m. Founders Room, Anabel

Taylor Hall. Shabbat Services, Conservative Egalitarian Minyan.

Sunday

March 3, 11:00 a.m. Sage Chapel. Speaker: Joseph Cardinal Bernardin, Archbishop of Chicago.

Wednesday

March 6, 7:00 p.m. Founders Room, Anabel Taylor Hall. Purim Services, Conservative Egalitarian Services.

March 6, 7:00 p.m. Edwards Room, Anabel Taylor Hall. Purim Services, Orthodox Minyan.

Sunday

March 10, 11:00 a.m. Sage Chapel. Speaker: David G. Buttrick, Professor of Homiletics and Worship, Vanderbilt University, Nashville, TN.

Catholic

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

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

Every Sunday, 9:30 & 11 a.m., 5 p.m. Anabel Taylor Auditorium. Catholic Mass. Sacrament of Reconciliation by appt. G-22 Anabel Taylor Hall.

Christian Science

Every Thursday, 7 p.m. Anabel Taylor Founders Room.

Episcopal

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

Friends (Quakers)

Every Sunday Anabel Taylor Edwards Room. Meeting for Worship at 11 a.m.; Adult Discussion and First Day School at 9:45 a.m. Babysitting provided.

Korean Church

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

Lutheran

Every Sunday, 10:45 a.m. Worship Service. Sunday Church School at 9:30 a.m.

Muslim

Every Friday, 1 p.m. Anabel Taylor Edwards Room. Juma Prayer. Anabel Taylor 218, Zuhr, Asr and other prayers.

Every Sunday, 12:30 p.m. Anabel Taylor Hall. Sunday meeting, discussion groups, children's classes, etc.

Protestant Cooperative Ministry

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

Seventh Day Adventists

Every Friday, 7:30 p.m. Anabel Taylor Room 314.

Seminars

Animal Science: "The Cornell Simmental Project." E. John Pollak, 11:15 a.m. Monday, March 4, 348 Morrison Hall.

Applied Mathematics: "Discontinuities in Phase Space, Entropy Change and Information Flow." Prof. Richard L. Liboff, 4 p.m. Thursday, Feb. 28, 255 Olin Hall.

Applied Mathematics: "Obstacles to Predictability." James A. Yorke, University of Maryland, 4 p.m. Friday, March 1, 165 Olin Hall.

Astronomy: "Masers Around Old and Young Stars." Charles Alcock, MIT, 4:30 p.m. Thursday, Feb. 28, Space Sciences 105.

Atomic and Solid State Physics: Theory Seminar: Title TBA, Prof. Mitchell J. Feigenbaum, 1:15 p.m. Thursday, Feb. 28, 701 Clark Hall.

Atomic and Solid State Physics, Solid State Seminar: "Microwave Transmission Experiments in High Purity Metals." Prof. Gerald Dunifer, Wayne State University, 4:30 p.m. Tuesday, March 5, 700 Clark Hall.

Chemical Engineering: "The Coupling of Shear Layer Oscillation in Multi-Cavity Flows." Prof. Kyra D. Stephanoff, Mechanical Engineering and Mechanics, Lehigh University, 4:30 p.m. Thursday, Feb. 28, 282 Grumman Hall.

Chemical Engineering: "Physicochemical Model for Precise Reduction of Vapor-Liquid Equilibrium Data." Kathryn Nass, Chemical Engineering, Rensselaer Polytechnic Institute, 4:15 p.m. Tuesday, March 5, Olin 145(A).

Chemistry: "New Aryne Chemistry." Harold Hart, Michigan State University, 4:40 p.m. Monday, March 4, Baker 119.

Chemistry: "Basic and Applied Investigations into Atomic Spectrometry." Gary M. Hieftje, Indiana University, 4:40 p.m. Thursday, March 7, 119 Baker Lab.

CISER, Communication Arts and Government: "Survey Research as a Newsgathering Technique: Modern Television News Polls." Warren J. Mitofsky, director, Election and Survey Unit, CBS News, 4 p.m. Friday, March 1, 117 Ives Hall.

CISER, Communication Arts and Government: "Deciding What's News: The Difference Between News and Social Science." Adam Clymer, assistant to the executive editor, the

The Week in Sports

Hockey Team's String Breaks at 10, Seeks Weekend Rebound

Sports Information Office

Having had its 10-game winning streak come abruptly to a halt last weekend, the Cornell men's hockey team needs to get back on the winning track before the start of the ECAC playoff. The Red has two important games at Lynah Rink this weekend, returning home to face Vermont and RPI on Friday and Saturday evenings, respectively, in the final two contests of the regular season. Both games are slated for 7:30 p.m.

In addition to the two hockey games, the women's basketball and men's gymnastics teams are also at home this weekend.

The women cagers will be host to Dartmouth in Barton Hall at 7:30 p.m. Friday and then face Harvard at 7:30 p.m. Sunday. The men gymnasts have a very important event in Teagle Hall this weekend, as they finish out their season by serving as the host for the North Atlantic League championships. The NAGL meet is a two-day affair; the team championships will be decided on Friday, beginning at 7 p.m., while the individual champions will be crowned Saturday after a 2 p.m. start.

The Big Red hockey team (14-8-2 overall) was riding high going into last weekend's road contests, but dropped a pair of one-goal games, 9-8 to Yale and 4-3 to Brown. Cornell finished its Ivy League season with a 7-2-1 record, which gives it at least a tie with Harvard for the Ancient Eight crown for the third year in a row. The two teams also may have to share the title with Yale if the Elis can beat Princeton on March 3.

But in the meantime, Cornell has its own business to tend to in the ECAC. The Red dropped from second to fourth place (13-5-1) in the 12-team loop. RPI is first at 18-1, followed by Harvard 14-4-1 and Clarkson 14-5. The first four teams in the standings after the regular season is completed will be the hosts for the ECAC quarterfinal playoffs, and Cornell wants home ice. The Big Red is the only undefeated ECAC team at home this year with an 8-0-1 mark.

Cornell holds a 23-8 margin over RPI in a series that started in 1907-08. The Engineers took a 6-2 decision over the Red earlier in the season in Troy. The last time the Engineers played in Ithaca, Cornell won

in overtime, 5-4. Vermont is 4-15 in the ECAC and ranked ninth in the conference. Cornell began its 10-game winning streak in Burlington with a 5-3 triumph over the Catamounts in January.

The women's basketball team will be looking to snap its five-game losing streak in the league when it takes on Dartmouth and Harvard this weekend. The Big Red fell to Brown at home Saturday, 78-68, and is now 8-13 overall and 2-6 in the league. Just two weekends ago, Cornell lost to Dartmouth (77-66) and Harvard (68-53) on the road. Leading scorers for Cornell are junior forward Karin Dwyer (12.5 points per game), sophomore guard Mary Browne (10.8 ppg.), and sophomore center Tracy Sullivan (10.0 ppg.). Dwyer is also the leader in rebounds with an average of 7.6 per game, followed by Sullivan (6.5 rpg.). Browne had her highest scoring output of the season against Brown, scoring 20 points, while Sullivan chipped in 13 points and 11 rebounds.

With five games left in the season, the women have a shot at matching last year's overall record of 13-13. Dartmouth leads in the series by an 8-3 margin, but lost to the Big Red in Ithaca a year ago, 55-52. Harvard, which has a 9-2 advantage over the Red, also lost at Barton Hall last season, 63-58.

The men's gymnastics team placed second at the Ivy League gymnastics championships, held Saturday at Dartmouth. Princeton totaled 200.15 points to claim the crown against Cornell's total of 197.20. Junior Dave Feeney's mark of 51.40 was good enough for second place in the all-around, right behind the Big Green's Seth Levy with 52.95 points. Feeney, however, did win the Ivy floor exercise title with a school-record tally of 9.65. And in the vaulting competition, Feeney tied for first place with a 9.55 score.

The Big Red completed its dual meet season with a 5-4 record — its second consecutive winning season — by posting victories over Long Island University and Cortland State in its final two dual meets. This weekend's NAGL championships is the squad's final competition of the year. Seven schools will participate in this year's meet



Center Tracy Sullivan, one of the leaders of women's basketball, in action.

(held at Princeton) and Cornell placed second behind Cortland. The battle for this season's crown should go right down to the wire, as the Big Red went 1-1 in dual meet competition with Cortland, while losing a

close decision to Princeton. Bruce Sonnenfeld was the team's top performer in last year's meet, placing second in the all-around and fourth on both floor exercise and parallel bars.

Calendar

New York Times, 4 p.m. Monday, March 4, 202 Uris Hall.

Environmental Toxicology: "Fluoridation and Trace Minerals in Drinking Water," Dr. John Featherstone, Eastman Dental Center, Rochester, N.Y., 12:15 p.m. Friday, March 1, N207 Martha Van Rensselaer Hall.

Floriculture and Ornamental Horticulture: "Breeding and Commercial Production of Orchids," William Starke, William Starke & Son, orchid breeder and grower, Jarretstown, Pa., 12:15 p.m. Thursday, Feb. 28, 37 Plant Science.

Food Science: "Studies of the Natural Resistance of Dairy Starter Cultures to Bacteriophages," Richard Ledford, 4:30 p.m. Tuesday, March 5, 204 Stocking Hall.

Geological Sciences: Title TBA, Prof. T. M. Harrison, SUNY Albany, 4:30 p.m. Tuesday, March 5, Snee 1120.

Geology: "Episodic Holocene Slip Across the Australian-Pacific Plate Boundary, South Island, New Zealand, 4:30 p.m. Thursday, March 7, 1120 Snee Hall.

Immunology: "The Endogenous Human Immunoregulator Imreg-1; Mechanism of Action and Use as an Immunopotentiating Agent in AIDS," Dr. Jeffrey Farmer, Director, Cellular Immunology at Imreg, Inc., New Orleans, La., 12:15 p.m. Friday, March 1, G-3 Veterinary Research Tower.

International Nutrition: "Child Growth in the Barrios of Bogota: A proposal for Linking Epidemiological Research to Public Policy," Chessa Kenrick, Nutritional Sciences, Cornell, noon Thursday, Feb. 28, 130 Savage Hall.

Jugatae: "The Significance of Accessory Sperm in Moths and Butterflies," Julian Shepherd, 4 p.m. Monday, March 4, 100 Caldwell Hall.

Manufacturing Engineering (COMEPP): "Integrated Mechanical Analysis Project," Prof. D. L. Taylor, Cornell, 4:30 p.m. Thursday, Feb. 28, 282 Grumman Hall.

Material Science and Engineering: "Picosecond Time-Resolved Photo-emission," J. Bokor, AT&T Bell Labs, 4:30 p.m. Thursday, Feb. 28, 140 Bard Hall.

Neurobiology and Behavior: "Expression of Torpedo Acetylcholine Receptors in Xenopus Oocytes and Other Unnatural Acts," 12:30 p.m. Thursday, Feb. 28, Morison Seminar Room, Seeley Mudd Hall Atrium, with Dr. Michael M. White, Division of Biology, California Institute of Technology.

Ornithology: "Perspectives on Management for the 1980s at Montezuma National Wildlife Refuge," Gene Hocutt, refuge manager, Montezuma National Wildlife Refuge, 7:45 p.m. Monday, March 4, Laboratory of Ornithology.

Parasitology: "Genetics and Antiparasite Immunity: What Does It All Mean?" Robin Bell, James A. Baker Institute for Animal Health, 4 p.m. Thursday, Feb. 28, Diagnostic Lab Conference Room, College of Veterinary Medicine.

Pathology: "Overview of Vegetable Pathology Research on Long Island," Rosemary Loria, LIHRL, Riverhead, 4:30 p.m. Tuesday, March 5, 404 Plant Science.

Pharmacology: "Mechanism of Action of Somatostatin," Agnes Schonbrunn, Harvard School of Public Health, 4:30 p.m. Monday, March 4, D-105 Pierre A. Fish Laboratory.

Physiology: "The Influence of Thyroid Hormones on Energetic and Behavioral Capacities," Henry John-Alder, Physiology, Upstate Medical Center, Syracuse, 4:30 p.m. Tuesday, March 5, G-3 Veterinary Research Tower.

Plant Biology: "Genetics of Polyamine Synthesis in Tobacco," Russell Malmberg, Cold Spring Harbor Laboratory, 11:15 a.m. Friday, March 1, 404 Plant Science.

Plasma Studies: "Nonlinear Compressible Convection in Stars," Prof. J. Toomre, University of Colorado, 4:30 p.m. Wednesday, March 6, 282 Grumman Hall.

Poultry Biology: "Megadoses of Vitamins; Beneficial, Harmful or Neutral," Dr. Daphne Roe, Nutrition, Cornell, 4:30 p.m. Thursday, Feb. 28, 300 Rice Hall.

Psychology: "Mother Love, Learning and Opiates in Developing Rats," Dr. Elliott Blass, Johns Hopkins University, 3:30 p.m. Friday, March 1, 202 Uris Hall.

Remote Sensing: "Disturbed Zones, Lateral Ramps and Side-Looking Airborne Radar—A New Look at the Structural Framework of the Central Appalachian Valley and Ridge Province," Howard Pohn, U.S. Geological Survey, Reston, Va., 4:30 p.m. Wednesday, March 6, 110 Hollister Hall.

Rural Studies: "Energy Support Systems for Modern Agriculture," Charlie Hall, assistant professor, Ecological Systems, 12:15 p.m. Thursday, March 7, 401 Warren Hall.

Vegetable Crops: "Insect-Sex Pheromone Research," Dr. Wendell L. Roelofs, Entomology, State Agricultural Experiment Station, Geneva, 4:30 p.m. Thursday, March 7, 404 Plant Science.

Theater

"Phaedra" Will Open Spring Season
Opening the spring season in the Drummond Studio is Jean Racine's "Phaedra," a classic

Greek tale of honor and death. "Phaedra" will be presented in the studio for four performances only, Wednesday through Saturday, March 13-16 at 8:15 p.m. each day. In keeping with the studio policy, admission is free and open to the public. The limited seating will be on a first-come, first-served basis.

"Phaedra" is directed by Ph.D. candidate Rick Jones, and the cast is assembled from the M.F.A. professional training program, and from undergraduate majors. Information may be obtained by calling the Theatre Cornell box office at 256-5165.

Thursday-Saturday

Feb. 28, March 1, & 2, 8:15 p.m. *Willard Straight Theatre. "A Midsummer Night's Dream". Artistic director David Feldshuh will lead the twenty-one member cast in this fast-paced, madcap story of confused lovers and bumbling bumkins, guaranteed to entertain young and old alike. Sponsored by the Department of Theatre Arts.

Sunday

March 3, 2:30 p.m. *Willard Straight Theatre. "A Midsummer Night's Dream". Artistic director David Feldshuh will lead the twenty-one member cast in this fast-paced, madcap story of confused lovers and bumbling bumkins, guaranteed to entertain young and old alike. Sponsored by the Department of Theatre Arts.

Thursday-Saturday

March 7, 8 & 9, 8:15 p.m. *Willard Straight Theatre. "A Midsummer Night's Dream". Artistic director David Feldshuh will lead the twenty-one member cast in this fast-paced, madcap story of confused lovers and bumbling bumkins, guaranteed to entertain young and old alike. Sponsored by the Department of Theatre Arts.

Number 8

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.

tain relationships among faculty, alumni and corporations.

Requirements: Bachelor's degree or equivalent. At least 2 years experience in either corporate public affairs or communications, research administration or university development. Demonstrated excellent interpersonal and communication skills with a commitment to institutional advancement in higher education. Please send cover letter and resume to Judith Morgan.

Job Number: P066

Position: Assistant Bursar

Department: Bursar

Description: Under general supervision, manage the operations, maintenance, enhancement and development of the automated student receivables, student loan and installment plan systems.

Requirements: Bachelor's degree or equivalent. Experience in a computer related field essential. 1-2 years experience in planning and/or development of Administrative data processing systems. Familiarity with the Cornell student accounts programs, accounting systems and computer environment preferred. Project leader and/or supervisory experience helpful. Microcomputer knowledge necessary. Please send cover letter and resume to Ralph D. Jones by March 1, 1985.

Job Number: PA061

Position: Assistant Director, Financial Aid (Repost)

Department: Office of Financial Aid

Description: Responsible for coordinating and administering financial aid programs for minority and disadvantaged students. Act as a liaison with Minority Education Office and State Programs Office. Counsel students and parents about financial aid. Perform need analysis and "packages" aid.

Requirements: Bachelor's degree or equivalent required. Master's in Student Personnel, Higher Education Administration, Counseling, or related areas preferred. Minimum of one to three years of financial aid or related experience required. Please send cover letter and resume to Ralph D. Jones.

Job Number: PA0410

Position: Project Leader II

Department: Computer Services (APS)

Description: Plan, supervise and coordinate the development, implementation and maintenance of an ongoing major administrative system. Interface new systems and programs with existing systems and programs. Investigate and evaluate outside software systems to integrate or replace current production systems. prepare estimates of programming time and computer production costs for given proposals.

Requirements: Master's degree or the equivalent combination of education and experience. Considerable systems design and computer experience is essential. A knowledge of interactive administrative systems, IBM operating systems and two major programming languages is essential. Supervision of programmers in a development group is desirable. Experience with the operation of a University physical plant design is also desirable. Please send cover letter and resume to Cynthia Smithbower.

Minimum Starting Salary: \$23,500

Job Number: PT063

Position: Systems Programmer II

Department: Materials Science Center

Description: Develop and maintain the MSC Prime computer system software in support of the research programs of the Materials Science Center through the multi-user computing central facility in Clark Hall.

Requirements: Bachelor's degree or equivalent in physical science, engineering or computer science. Ability to design and operate complex software systems including network requirements. Must have programming experience in Fortran, assembly languages and highly structured languages. Please send cover letter and resume to Cynthia Smithbower.

Minimum Starting Salary: \$18,000

Job Number: PT065

Position: Architect/Project Manager

Department: Architectural Services

Description: Manage major architectural projects for the University. Responsibilities include direction progress meetings for project setting and monitoring project schedules and budgets; coordinate activities of departmental professionals in supporting the projects; prepare feasibility studies and other project statistics to guide program; interview and advise on the selection of A/E consultants and assist in the negotiation and preparation of contracts.

Requirements: Bachelor's degree in architecture

Continued on Page 10

Please Post

February 28, 1985

Job Opportunities

Cornell University is an equal opportunity, affirmative action employer.

Administrative/Professional

The minimum salaries listed are for recruitment purposes only.

*Position: Associate Director of Accounting
Department: Controller's (Accounting)
Description: Manage and supervise the daily operations of the Endowed Accounting Office. Establish and administer University accounting policies and procedures. Direct the preparation of the University's Annual financial report and serve as liaison between the department and internal and external auditors. Provide support Director regarding computer systems enhancements, departmental planning, and development of University training programs.
Requirements: Bachelor's degree or equivalent required, an MBA and/or CPA preferred. Considerable University or public accounting experience essential. Familiarity with computerized financial systems desirable. Must possess demonstrated supervisory ability and excellent verbal and written communication skills. Please send cover letter and resume to Judith Morgan by March 29, 1985.
Job Number: P0811

*Position: Senior Electrical Engineer
Department: Facilities Engineering
Description: Direct the design and preparation of cost estimates, drawings, specifications and instruction documents for maintenance, repair and alteration projects that relate to electrical systems. Supervise and direct the activities of the Electrical Engineering Section.
Requirements: Five years experience in Electrical Engineering. Bachelor's degree in electrical engineering with a combination of education and experience in high voltage generating and distribution systems necessary. New York State Professional Engineering license desirable. Please send cover letter and resume to Ralph D. Jones by March 22, 1985.
Job Number: PA071

*Position: Systems Programmer I
Department: Electrical Engineering
Description: Supervise daily operation of general purpose computer systems including UNIX and VMS. Responsible for maintaining operating systems, including installation and modification of new releases and making backups of these systems. Assist in isolation and diagnosis of software problems. Provide training and consultation for users.
Requirements: Bachelor's degree or equivalent in computer science. Some related programming experience with familiarity with UNIX operating system and software diagnosis. Good communication, interpersonal and organizational skills. Please send cover letter and resume to Cynthia Smithbower.
Job Number: PT083

*Position: Purchasing Agent II
Department: Graphic Arts
Description: Under general supervision coordinate internal printing or purchase printing services externally to produce a variety of standard to highly specialized visual communication media, quality print materials and supplies for the university, assuring high quality at the lowest cost.
Requirements: Bachelor's degree or

equivalent in Graphic Arts preferred. Three years related experience selling, purchasing or producing print materials. Excellent organizational, communication and interpersonal skills. Please send cover letter and resume to Ralph D. Jones.

Job Number: PA0810

*Position: Residence Administrator II
Department: Residence Life
Description: Assume primary program and related administrative duties for a residence hall unit of 200-500 students. Supervise 4-14 Resident Advisors and one Program Assistant. Live-in position with furnished apartment provided.
Requirements: Bachelor's degree or equivalent. Master's degree preferred. Degree in student personnel administration, counseling or a closely related field necessary. Some experience in student housing administration, programming, staff training and supervision highly desirable. Please send cover letter and resume to Ralph D. Jones.

Job Number: PA087

*Position: Residence Administrator II
Department: Residence Life
Description: Train, supervise and evaluate a part time program assistant and four resident advisors. Insure implementation of sound developmental and educational programs. Assist with policy development and administrative functions in a hall of 200 residents with specific interests in the fine and performing arts. Live-in position with furnished apartment provided.
Requirements: Bachelor's degree or equivalent. Master's degree preferred in higher education administration, student personnel, counseling or closely related field. Substantial experience necessary in counseling, training, supervision, leadership, group facilitation, programming, and general administration; some budgeting experience with effective written and oral communication skills. Residential and/or live-in experience desirable. Experience in Arts Management preferred. Please send cover letter and resume to Ralph D. Jones.

Job Number: PA088

*Position: Residence Administrator I
Department: Residence Life/International Students Office
Description: A twelve month live-in position with responsibilities in the areas of programming, administration, management and counseling. The Holland International Living Center is a special program residence hall housing 144 students (60% foreign; 40% American) comprised of both men and women, undergraduate and graduate students. Live in position with furnished apartment provided.

Requirements: Bachelor's degree or equivalent necessary. Master's degree in higher education administration, student development, counseling or closely related field is preferred. Experience in group living, preferable in a residence hall setting essential. Significant experience related to student personnel and international student affairs desirable. Please send cover letter and resume to Ralph D. Jones.

Job Number: PA086

*Position: Financial Aid Counselor
Department: Office of Financial Aid
Description: Advise and counsel students concerning financial aid, which includes providing information on applications, financial aid poli-

cies and programs, and alternate means of financing.

Requirements: Bachelor's degree or equivalent. Master's degree preferred. Some previous experience in financial aid, education, administration or student services is desirable. Please send cover letter and resume to Ralph D. Jones.

Job Number: PA089

*Position: Acquisitions Editor
Department: University Press
Description: Acquire and develop lists of books in two or more of the following fields: American history, agricultural studies, economics, sociology and political science.

Requirements: Bachelor's degree or equivalent and publishing experience or Ph.D. and teaching experience. Several years of acquisitions experience in college textbooks and/or scholarly publishing or a Ph.D. in one of the above mentioned disciplines and teaching experience. Please send cover letter and resume to Esther L. Smith.

Job Number: PC082

*Position: Assistant Golf Pro
Department: Physical Education and Athletics

Description: Assist the Head Golf Pro in the operation of the golf program including: sale of merchandise; sales for memberships and daily fees; rental of equipment and carts; routine maintenance of shop and equipment; club repair; golf instruction; and provide organizational support for club activities. Full time temporary until 10/27/85.

Requirements: High school diploma or equivalent and four years golfing experience with demonstrated strong interpersonal skills required; some college course work and experience in golf club operations preferred. Excellent opportunity for someone interested in becoming a golf professional. Please send cover letter and resume by March 5, 1985 to Ralph D. Jones.

Job Number: PA081

Position: Assistant Director Cornell Clubs
Department: Alumni Affairs

Description: Assist Director of Club Affairs in planning overall policies, procedures and goals for Cornell Clubs Nationally. Individual will be responsible for maintaining contacts with Regional Directors, Cornell Public Affairs officers and Cornell Club officers; coordinating in-house administration for Cornell Club annual programs and young alumni activities. Some travel required.

Requirements: Bachelor's degree or equivalent. Excellent verbal, written and interpersonal skills essential. 3 to 4 years experience working with volunteer organizations. Please send cover letter and resume to Ralph D. Jones by March 6, 1985.

Job Number: PA072

Position: Development Officer

Department: College of Human Ecology

Description: Work closely with faculty to organize, develop and direct programs designed to obtain broad external support for educational and research activities of the college. Communicate college interests and needs to major corporations and foundations. Develop networking relationships and organize strategies to main-

Job Opportunities

Continued from Page 9

ture required. Architectural registration desirable. Minimum ten years responsible experience in architectural project management. Demonstrated excellent organizational and communication skills necessary. Experience with personal computer desirable. Please send cover letter and resume to Ralph D. Jones.
Job Number: PA417

Position: Systems Analyst II
Department: Systems Office, Olin Library
Description: Evaluate and analyze system software components as part of the library's effort in implement local on-line integrated information system.

Requirements: Bachelor's degree or equivalent in computer science; M.L.S. desirable. Some experience in programming and systems analysis essential. Please send cover letter and resume to Cynthia Smithbower.
Job Number: PT054

Position: Technical Coordinator
Department: Systems Office - Olin Library
Description: Provide technical support in all areas of library's automated systems environment. Coordinate RLIN system services including equipment maintenance and installation; will be involved in training, education and support for library staff in use of microcomputers.

Requirements: Bachelor's degree or equivalent desirable. Experience with microcomputers; technical experience with computer peripheral equipment: terminals, printers, modems, RS-232 protocol. Please send cover letter and resume to Cynthia Smithbower.
Job Number: PT055

Position: Assistant Dean/Student Development Specialist III
Department: Arts & Sciences, Dean's Office - Academic Advising Center

Description: Counsel and advise students regarding academic programs, career planning and other special academic program needs. Assist students in college to maximize use of available resources.

Requirements: Master's degree or equivalent experience. Ph.D. and college teaching in the liberal arts preferred. Experience counseling and advising students or academic programs essential. Please send cover letter and resume to Ralph D. Jones.
Job Number: PA0411

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: Secretary, GR18
Department: Division of Nutritional Sciences
Description: Provide secretarial support for three professors involved in teaching and research. Type class materials, reports, correspondence, manuscripts for publication; answer telephone; schedule appointments; type; file; copy.

Requirements: High school diploma or equivalent. Business or secretarial school desirable. Medium typing. Accurate typing and good proofreading skills important. Ability to work with students, staff and faculty. Excellent organizational, interpersonal and communication ability and/or willingness to learn word processor.

Minimum Starting Salary: \$10,500
Job Number: C085

*Position: Word Processing Operator, GR18
Department: Office of Financial Aid
Description: Serve as office typist using IBM/PC and Xerox 630. Enters, manipulates and formats routine to difficult data to produce drafts and final copies; proof read and edit; maintain records of work performed; back up in telephone answering; assist others in the support of system operation. Other duties as assigned.

Requirements: High school diploma or equivalent. Business or secretarial school desirable. Heavy typing. Office experience. Proficient on word processor required.
Minimum Starting Salary: \$10,500
Job Number: C086

*Position: Office Assistant, GR17
Department: Diagnostic Laboratory
Description: Work as main receptionist for the Diagnostic Laboratory. Answer telephones (7 line system); assist the professional and techni-

cal staff by communicating test results to clients by answering and/or referring questions to the proper areas of concern and by sending out and filling all test results for future reference; dealing with the general public and all incoming visitors and clients in above capacities.

Requirements: High school diploma or equivalent. Light typing. CRT terminal familiarity. Photocopying skills. Good general office skills. Excellent organizational interpersonal and communication skills.

Minimum Starting Salary: \$9,967
Job Number: C087

Position: Administrative Aide, GR22
Department: University Development
Description: Provide administrative support to the Director of Development Operations with budget, personnel, and administrative functions of the Office of University Development. Provide specialized administrative support in the development, implementation, and interpretation of human resource and budget policies and procedures and provide direct assistance in the allocation of human resources in several key areas.

Requirements: Associate's degree or equivalent in education, experience and training. Medium typing. Excellent organizational, communications and interpersonal skills. Ability to handle confidential information. Ability to prioritize assignments and work under pressure. Experience in office, human resource, budget management. Knowledge of Cornell desirable.

Minimum Starting: \$13,141
Job Number: C076

Position: Senior Special Collections Assistant, GR20 (Repost)

Department: History of Science-Olin Library
Description: Catalog rare books using existing catalog copy; catalog special rare books such as manuscripts and graphics; provide specialized information service; supervise reading room and circulation; make decisions about binding and preservation; search bibliographic records; maintain departmental catalogs; other special projects as appropriate.

Requirements: Bachelor's degree or equivalent in an appropriate field. Light typing. Fluency in French required. Reading knowledge of Latin desirable. Ability to interact effectively with students and scholars. Ability to perform complex tasks with accuracy. Appreciation of nature and significance of rare books and research collections.

Minimum Starting Salary: \$11,739
Job Number: C024

Position: Secretary, GR18
Department: Communication Arts
Description: Provides primary administrative and clerical support for three faculty including teaching, research, and extension activities. Coordinates administrative matters with departmental administrator; act as backup receptionist; heavy typing load; schedule appointments; reserve rooms; prepare handouts; coordinates conferences, and supporting details, etc. Other clerical duties assigned.

Requirements: High school diploma or equivalent. Business or secretarial school desirable. Heavy Typing. At least 1-3 years secretarial or office experience. Typing speed is very important. Developed word processing skills (IBM PC, Word Perfect, etc.) preferred and/or willingness and ability to learn quickly essential.
Minimum Starting Salary: \$10,500
Job Number: C071

Position: Secretary, GR17
Department: Residence Life
Description: Provide secretarial and receptionist support in an undergraduate residence hall. Handle bookkeeping functions for residence hall; maintain files; distribute mail; coordinate student clerical help, and act as a resource person; prepare and type reports, manuscripts and correspondence; run duplicating and copying machines. Daily contact with students and public.

Requirements: High school diploma or equivalent. Medium typing. Some secretarial experience. Knowledge of record/bookkeeping helpful. Strong organization, interpersonal, and communication skills.
Minimum Starting Salary: \$9,967
Job Number: C075

Position: Office Assistant, GR17
Department: Admissions
Description: Process applications for Central Admissions Department. Processing involves data entry of forms, alphabetizing, filing, mailings. Other clerical duties as assigned. 9 month position, August 15 - May 15, 8:00 a.m. - 4:30 p.m.

(overtime expected)

Requirements: High school diploma or equivalent. Medium typing. Ability to use a computer terminal. Work under pressure and handle a large volume of material.

Minimum Starting Salary: \$9,967
Job Number: C077

Position: Office Assistant, GR16
Department: General Stores
Description: Work in an office atmosphere writing memo issue tickets from mail in orders; making bank deposits; monitoring rental charges for storage space; filing; answering phone; keeping gas cylinder records. Other clerical duties as assigned.

Requirements: High school diploma or equivalent. Light typing. At least 3-5 years business experience. General accounting. Data entry background. Excellent organizational, interpersonal and communication skills.

Minimum Starting Salary: \$9,494
Job Number: C072

Position: Library Aide, GR16
Department: Mann Library
Description: Maintain serial records in a large research library. Duties include checking in; claiming missing issues; sorting mail; card catalog maintenance.

Requirements: High school diploma or equivalent. Medium typing. Ability to do detailed work accurately and quickly. Some previous library experience desirable.

Minimum Starting Salary: \$9,494
Job Number: C074

General Service

*Position: Gardener, SO21 (Repost)
Department: Plantations
Description: Under general supervision, responsible for the development, management and interpretation of four botanical garden collections including herb, peony and cutting gardens. Routine maintenance, seeding, garden records, maps and labeling. Give tours, lectures; write brochures and articles.

Requirements: Bachelor's degree preferred in plant science, horticulture, botany or related field, or related experience. Taxonomy and botany skills required. Ecology background desirable. Good writing, communication and interpersonal skills. 2-3 years work experience. Familiarity with computers desirable.

Minimum Starting Salary: \$6.42/hour
Job Number: S089

*Position: Gardener, SO21 (Repost)
Department: Plantations
Description: Under general supervision, responsible for the development and interpretation of four botanical garden collections including rhododendron, amalea and zucker shrub sampler collections. Routine maintenance, seeding, garden records, maps and labeling. Give tours, lectures; write brochures and articles.

Requirements: Bachelor's degree preferred in plant science, horticulture, botany or related field, or related experience. Taxonomy and botany skills required. Ecology background desirable. Good writing, communication and interpersonal skills. 2-3 years work experience. Familiarity with computers helpful.

Minimum Starting Salary: \$6.42/hour
Job Number: S0810

*Position: Custodian, SO16
Department: Buildings and Grounds Care (State)
Description: Provide general maintenance and custodial care of buildings and ground in immediate vicinity of assigned area. Monday - Thursday, 6:00 AM - 2:30 PM; Friday, 6:00 AM - 1:30 PM.

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

Minimum Starting Salary: \$4.84/hour
Job Number: S081

*Position: Custodian, SO17
Department: Statler Inn
Description: Under general supervision, set up and arrange furniture, equipment and props including all function rooms, for banquets and special events. Maintain rooms, furniture, carpeting, etc. Thursday - Monday 6:00 a.m. - 2:30 p.m.; Saturdays and Sundays report at 4:30 a.m.

Requirements: High school diploma or equivalent. Able to lift 75 lbs., operate commercial cleaning equipment, custodial ex-

perience required; preferable in a hotel or banquet facility, must be flexible as to reporting hours which will vary.

Minimum Starting Salary: \$4.69/hour
Job Number: S088

*Position: Custodian, SO16
Department: Statler Inn
Description: Maintain a high state of cleanliness and sanitation in the common areas. Assist with guest comfort tasks as directed, which support operation of the Inn and the School of Hotel Administration. Days and hours vary weekly - five days, can include weekends.

Requirements: High school diploma or equivalent. Custodial experience required; preferable in a hotel setting work schedule will change weekly, must be flexible to work any shift any days.

Minimum Starting Salary: \$4.47/hour
Job Number: S086

*Position: Food Service Worker, SO16
Department: Statler Inn
Description: Provide an adequate number of sandwiches, salads, desserts, and fruit dishes for the main dining room with general cleaning responsibilities.

Requirements: High school diploma or equivalent. Food service experience required, with knowledge of health and sanitation standards.

Minimum Starting Salary: \$4.47/hour
Job Number: S087

*Position: Custodian, SO16
Department: Residence Life
Description: Assumes primary housekeeping services for the area to which assigned. Monday - Thursday 7:30 AM - 4:00 PM; Friday 7:30 AM - 3:00 PM.

Requirements: Must be able to lift 50 lbs. Must be able to climb 8' ladder. Should have good interpersonal skills for daily contact with students.

Minimum Starting Salary: \$4.47/hour
Job Number: S082

*Position: Custodian, SO16
Department: Residence Life (Endowed)
Description: Assumes primary housekeeping services for the area to which assigned. Monday - Thursday 7:30 AM - 4:00 PM; Friday 7:30 AM - 3:00 PM.

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

Minimum Starting Salary: \$4.47/hour
Job Number: S085

*Position: Food Service Worker, SO14
Department: Cornell Dining
Description: Check Co-op dining cards for validity as members enter dining areas, make sale transactions with guests either by cash or credit cards.

Requirements: High school diploma or equivalent. Good customer relations, basic arithmetic ability.

Minimum Starting Salary: \$4.50/hour
Job Number: S084

Position: Dairy Worker, SO20
Department: Animal Science
Description: Milk and care for dairy cattle in maternity area as necessary, care for calves and heifers. In absence of supervisor, take charge of breeding (production and research), attend to herd health duties for entire herd. 5 days per week 40 hours per week, includes some weekends.

Requirements: High school diploma or equivalent or adequate work experience. New York State driver's license (Class V). Two to five years experience background in dairy cattle.

Minimum Starting Salary: \$6.04/hour
Job Number: S075

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

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

Minimum Starting Salary: \$4.98/hour
Job Number: S074

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: Electrical Technician, GR22
Department: Electrical Engineering
Description: Provide routine and emergency maintenance of school's computer equipment. Will diagnose faults using such tools as diagnostic software programs, and design, construct simple digital electronic equipment.
Requirements: Associate's degree or equivalent in electronics technology or a related field. Two years relevant work experience.
Minimum Starting Salary: \$13,141
Job Number: T085

*Position: Technician, GR20
Department: Biochemistry, Molecular and Cell Biology
Description: Conduct experiments on mitochondrial proton transport, membrane reconstitution, measurement of mitochondrial membrane potential.
Requirements: Bachelor's degree or equivalent in Biochemistry or related field. Some experience in use of spectrophotometer and centrifuges.
Minimum Starting Salary: \$11,739
Job Number: T086

*Position: Technician, GR19
Department: Agricultural Engineering
Description: Provide technical support for a study evaluating alternatives to improve pathogen reduction during aerobic digestion of sewage sludge in cold climates.
Requirements: Associate's degree or equivalent in engineering technology or a related field with experience in wastewater treatment may be acceptable. Two years as a Research/Engineering Technician. Analytical chemistry skills. Mechanical aptitude including familiarity with electrical circuits. Motor vehicle operators license.
Minimum Starting Salary: \$11,125
Job Number: T082

Position: Computer Operator I, GR21
Department: Cornell Computer Services - ACS
Description: Operate interactive terminals and microcomputers at a campus terminal facility. Assist users in operation of equipment.
Monday - Friday 3:30 p.m. - Midnight.
Requirements: Associate's degree or equivalent preferably in data processing. Knowledge of mainframes and microcomputers. Familiarity with software packages like Lotus 1-2-3, dBase II and Word Perfect. Good interpersonal and communication skills.
Minimum Starting Salary: \$12,469
Job Number: T075

Position: Technician, GR20 (Repost)
Department: Biochemistry, Molecular and Cell Biology
Description: Assist in experiments using recombinant DNA technology to study chromosome structure in mosquitoes. Maintain detailed notes. Position funded through 6/30/85 with continuation dependent upon renewal of grant.
Requirements: Bachelor's degree or equivalent in biological sciences or related areas. Experience with standard procedures of recombinant DNA technology and sterile techniques. Experience with microscopes desirable. Attention to detail with ability to work independently. Must be interested in learning new techniques.
Minimum Starting Salary: \$11,739
Job Number: T026

Position: Technician, GR18
Department: Equine Drug Testing & Research - Monticello Raceway
Description: Perform analysis of blood and urine samples in a field drug testing lab at Monticello Raceway. Routine record keeping and laboratory maintenance. Assist laboratory director as needed. 39 hours per week including Saturdays, Sundays and Holidays.
Requirements: Associate's degree or equivalent experience. Experience with thin layer chromatography. Familiarity with gas chromatography.
Minimum Starting Salary: \$10,500
Job Number: T074

Position: Technician, GR18
Department: Equine Drug Testing & Research - Buffalo Batavia Raceways
Description: Perform analysis of blood and urine samples in a field drug testing lab at Buffalo/Batavia Raceways. Routine record keeping and laboratory maintenance. Assist laboratory director as needed. 39 hours per week including Saturdays, Sundays and Holidays.
Requirements: Associate's degree or equivalent in chemistry or a related field. Some experience with thin layer and gas chromatography.
Minimum Starting Salary: \$10,500
Job Number: T073

Position: Technician, GR18
Department: Division of Nutritional Sciences
Description: Analyze plant and animal tissues, soils and organic wastes for chemical constituents. Assist with laboratory, greenhouse and field experiments. Work with radioactive isotopes. Full time, regular until 9/30/85 (contingent on renewed funding).
Requirements: Associate's degree or equivalent in chemistry with emphasis on analytical chemistry. Some experience in instrumental analysis using atomic absorption, spectrophotometer preferred.
Minimum Starting Salary: \$10,500
Job Number: T071

Part-time

*Position: Office Assistant
Department: New York Historical Resources Center
Description: Mail out orders for Guides to Historical Resources; keep orderly records of orders; answer correspondence; file; type; photocopy records; order supplies. Other duties as assigned. Monday - Friday 8:00 a.m. - 5:00 p.m. (20 hours/week) until 8/31/85.
Requirements: High school diploma or equivalent. Medium typing. General office administrative procedures. Some office experience desirable.
Minimum Starting Salary: \$9,494/annual equivalent
Job Number: C083

*Position: Custodian, GR16 (casual)
Department: N.Y.C. Extension
Description: General cleaning and maintenance of office area. Eight hours week/flexible.
Requirements: High school diploma or equivalent. Ability to use heavy power equipment.
Minimum Starting Salary: \$4.84/hour
Job Number: S083

Position: Administrative Aide, GR19
Department: Mechanical and Aerospace Engineering
Description: Under general supervision, provide secretarial and administrative support for graduate fields of Mechanical Engineering and Aerospace Engineering. Duties include considerable records maintenance and student contact; typing, filing, answering telephone; making travel arrangements; copying; providing receptionist backup. Other duties as assigned. Six hours per day, five days per week.
Requirements: High school diploma or equivalent Associate's degree preferred. Medium typing. At least one to two years secretarial or office experience. Good typist. Excellent organizational, interpersonal and communication (written and oral) skills.
Minimum Starting Salary: \$11,125/annual equivalent
Job Number: C078

Position: Security Guard, Casual
Department: Herbert F. Johnson Museum of Art
Description: Responsible for guarding all works of art in the building, following security and safety procedures, communicating with staff members on a regular basis. Must communicate well with the public. Act as a substitute guard and guard during use of museum events when necessary. Saturday & Sunday, 9:45 a.m. - 5:15 p.m. and when needed, (casual).
Requirements: High school diploma or equivalent. Ability to work with schedules and in a group situation required; background in the security area helpful but not required. Good communication skills required.
Minimum Starting Salary: \$5.11/hour
Job Number: S071

Position: Technician, GR21 (Repost)

Department: Division of Nutritional Sciences
Description: Test and refine literature methods for various radioassays, and for various procedures involving minor surgery in rats. Responsible for day to day operation of laboratory, including ordering supplies, maintaining inventory, keeping isotope log. Provide back-up support for animal feeding and weighing. Monday - Friday, 20 hours per week, possibly up to 35 hours per week. Continuation contingent upon funding.
Requirements: Bachelor's degree or equivalent in animal science, nutrition or physiology. Master's degree preferred. Two years work experience in radioassays, radio-immunoassays and small animal surgery, or similar experience acquired during completion of Master's thesis.
Minimum Starting Salary: \$12,469/annual equivalent
Job Number: T011

Temporary

TEMPORARY OPPORTUNITIES: . Cornell University has an ongoing need for qualified individuals willing to work on a temporary basis. We frequently need individuals to work as word processor operators, secretaries, typists, receptionists, office assistants, account clerks and data entry clerks. Requirements for these positions range from medium to heavy typing, some office/secretarial experience and knowledge of word processing equipment. If you have an interest in working on a temporary basis in the clerical area, please contact Tambi Benzon at 2565226 ext. 266; in the technical area, please contact Bill Webster at 256-5226 ext. 268; in the general service area, please contact Sharon Warunek at 273-1179.

Position: Technician, T-3
Department: Physiology
Description: Carry out all functions associated with a study of transfer of inorganic ions and molecules across mammary glands of goats. Collect and analyze samples, calculate and record data, laboratory maintenance and ordering supplies. Full time, regular until 8/30/85.
Requirements: Bachelor's degree or equivalent in animal science or biological sciences. Experience in chemical analysis desirable, ability to use spectrophotometer and perform data calculations preferred. Familiarity with gamma counting, liquid scintillation counter, microcomputers and calculators helpful.
Minimum Starting Salary: \$5.16/hour
Job Number: T076

Position: Office Assistant
Department: Summer Session/Extramural
Description: Maintain student records using IBM PC, process applications, maintain files, handle phone inquiries. General office duties including typing. Ability to work under pressure. Flexible hours. Monday - Friday, 8:30 a.m. - 4:00 p.m.
Requirements: High school diploma or equivalent. Experience with IBM PC and PCXT required. Knowledge of dBase II preferred. Attention to details and keypunch accuracy. Excellent telephone communication skills.
Minimum Starting Salary: \$4.50/hour
Job Number: C073

Barton Blotter

Four persons were referred to the judicial administrator for spraying a pedestrian with a fire extinguisher from a car. The incident took place on Thurston Ave. about midnight Friday, Feb. 22, according to the morning reports of the Department of Public Safety for the period Feb. 18 through 24.

The fire extinguisher was reportedly stolen from Anabel Taylor Hall. Three other persons were referred to the Judicial Administrator, two on separate charges of forging parking permits and another on a charge of serving alcoholic beverages to a minor.

Another person was charged in Ithaca Town Court with open lewdness for being naked at a bus stop in parking lot B at about 4 a.m. Friday.

There were a total of 15 thefts reported on campus during the seven-day period involving \$2,638 in losses of cash and valuables. A total of \$345 in cash was reported stolen in five incidents involving wallets, purses and a knapsack.

Other thefts included a \$600 computer printer taken from Martha Van Rensselaer Hall and a \$100 balance taken from Stone Hall. A plaque valued at \$85 was taken from Wee Stinky Glen near the Campus Store.

Position: Animal Health Technician, GR18
Department: Veterinary Medical Teaching Hospital

Description: Assist in operation of large and small animal Anesthesia program, including: care of equipment, records, monitor instructions to students, order and stock anesthesia rooms, participate in teaching labs. Monitor animals under anesthesia for treatments, surgery and radiology. Six month position.

Requirements: Associate's degree or equivalent, licenses animal health technician, required by NYS law. One year experience with animals required, basic knowledge of anesthesia desirable.
Minimum Starting Salary: \$10,500/annual equivalent
Job Number: T065

Academic

Please contact department directly.

*Position: Research Associate III (CP05)
Department: Agricultural Economics, CALS
Please send resume and three references to Olan D. Forker, Chairman, 102 Warren Hall.
Job Number: A081

Position: Faculty, Tenure or Tenure Track
Department: Geological Sciences
Job Number: A071

Graduate Bulletin

The final date for course change or drop without special processing fee of \$10 is Friday, March 22. The fee is now being charged, however, to add courses.

Graduate students whose tuition is being paid by university sources and who are New York state residents must apply for TAP. Applications may be obtained at the Bursar's Office, 260 Day Hall or in the Graduate Fellowship Office, Sage Hall. TAP applications must be postmarked no later than March 31, 1985 in order to be accepted. All award notices must be submitted to the Bursar's Office even if you are ineligible to receive TAP.

The following are special awards and scholarships for graduate students. Graduate faculty representatives must nominate students for these awards. The dates indicated are deadlines for GFRs to submit nominations. Students' deadlines will be earlier. See your GFR for more information or call the Dean's Office, 6-4603, Sage Graduate Center.

Chinese University Study Year Abroad:—For one year of study/research at Beijing or Fudan University. Tuition, supplies, housing, stipend and medical insurance provided. Open to graduate students in all fields. Must have had at least one full academic year of Chinese language study, or the equivalent. Award will be based on the merits of the proposed study, its feasibility, the applicant's academic record, language preparation, and personal qualifications. GFRs should submit for each nominee a covering letter, recommendations from faculty and a statement of proposed study from the student. Send nominations to the Graduate Dean's Office, 100 Sage Graduate Center, by March 15, 1985.

Buttrick-Crippen Fellowship in Expository Writing:—Provides a full year of support during which the Fellow can devote himself or herself to the study and practice of teaching composition. Open to candidates from any field of the Graduate School with an interest and involvement in the writing program at Cornell. Preference will be given to Ph.D. candidates. The awards are intended for graduates with substantial teaching experience. It is anticipated that the Fellow will prepare and teach a new course for the Freshman Seminar Program. For the 1985-86 year, the award will provide a \$7500 stipend, tuition, and possibly, \$2000 for summer support. Submit to your GFR a description of the course you would like to teach, a vita, and any other supporting material. GFRs should submit their nominations to Prof. Rick Bogel, Dept. of English, 159 Goldwin Smith Hall, by March 22, 1985.

Clare Hall (England) Fellowship:—The Fellow spends an academic year at Clare Hall, Cambridge, England. Clare Hall is a community of international scholars pursuing diverse intellectual interests. The award provides transportation and internal support for the academic year. Open to graduate students in all fields. Nominations from GFRs should include a covering letter, supporting letters from faculty, and a statement of purpose or brief research proposal from the student. GFRs should send all material to the Dean's Office, 100 Sage Graduate Center, by March 29, 1985.

Brief Reports

Woodblock Print Artist To Be in Residence

A series of lectures and demonstrations will be presented here by woodblock print artist Akira Kurosaki March 2 through March 8.

Professor Kurosaki is a faculty member in the department of design at the Kyoto Institute of Technology, Kyoto, Japan and is one of four artists chosen by a special committee of the World Print Council to receive a World Print Award for his wood-blocks.

The first of the events, an illustrated talk entitled "Handmade Japanese Paper: Papermaking Techniques of Several Japanese Villages" will be at 10:30 a.m. Saturday, March 2, at the Herbert F. Johnson Art Museum. The next, at 4:30 p.m. March 4 in 317 Martha Van Rensselaer Hall, will be an informal discussion with slides for the department of design and environmental analysis entitled, "Traditional and Modern Uses of Japanese Paper in Interior Design."

At 1:30 p.m. March 5 in the Etching Studio, Tjaden Hall basement, Kurosaki will present a lecture/demonstration on "Advanced Woodblock Printmaking Techniques" for the department of art. His last appearance will be at 4:30 p.m. Friday, March 8, in Kaufmann Auditorium in Goldwin Smith Hall. This will be a lecture/demonstration entitled, "The History of Woodblock Printmaking." A reception will follow in the Temple of Zeus.

Kurosaki's visit is under the joint sponsorship of Cornell's China-Japan Program, the Council on the Creative and Performing Arts, the Herbert F. Johnson Art Museum, the department of design and environmental analysis, College of Human Ecology, the department of art and the Center for International Studies.

All events are free and open to the public.

Times Editor to Talk On Deciding What's News

Adam Clymer, assistant to the editor of the New York Times, will give a public lecture at Cornell on "Deciding What's News: The Difference Between News and Social Science."

Free and open to the public, the lecture is at 4 p.m. Monday, March 4, in room 202 of Uris Hall. It is the third in a five-part series sponsored by the Cornell Institute for Social and Economic Research, the department of communication arts, and the department of government.

During his journalistic career, Clymer has been a foreign correspondent in the Soviet Union and in India, and has covered the U.S. Supreme Court, Congress, and the White House. Before joining the New York Times, he was a reporter with the Baltimore Sun and the New York Daily News.

Center Director to Ask, "Who Owns Knowledge?"

John P. Gaventa, co-director of the Highlander Research and Education Center in New Market, Tenn., will give a free public lecture here at 4:30 p.m. Wednesday, March 6, on the topic "Who Owns Knowledge?: Strategies for Research and Empowerment."

Scheduled in room 401 of Warren Hall, Gaventa's talk is sponsored by the Committee on University Lectures.

Established in the mid 1930s during the height of The Depression, the Highlander Center provides "educational programs for grassroots working and minority people in Appalachia and the South to enable and empower them to solve pressing social problems in their communities and workplaces."

Gaventa, who has been with the center

since 1976, received a B.A. degree (1971) from Vanderbilt University and studied at Oxford University in England as a Rhodes Scholar. He received a doctorate in politics from Nuffield College, Oxford (1975).

His book "Power and Powerlessness" (1980) has received numerous awards, including the Woodrow Wilson Book Award, W.D. Weatherford Award, V.O. Key Award, and the Lillian Smith Book Award. It was runner-up in the Robert F. Kennedy Book Award for books exemplifying Robert Kennedy's concerns for poverty and justice.

Gaventa is currently a MacArthur Fellowship, an award which has facilitated his study of participatory research in Latin America, India, Scandinavia, and England.

Law School Award Deadline March 15

March 15 is the deadline for nominating a third-year Cornell Law School student for the Freeman Award for Civil-Human Rights.

Nominations for the \$500 cash prize may be made by any Cornell graduate or any person on the Cornell campus. Nominations should be submitted at the main office of the law school in Myron Taylor Hall.

Nominations are made in the form of a one-page statement concerning the nominee and his or her contribution to international or national civil rights-liberties. Activity, rather than writing, is to be the criteria.

The award was established in 1984 by Harrop Freeman, Cornell law professor emeritus, and his family. A noted civil libertarian, Freeman earned a B.A. (1929), a law degree (1930), and the S.J.D. (1945), all from Cornell. His wife, Ruth, earned a master's degree from Cornell (1925).

Philosopher to Talk of Time and Space

Philosopher Richard R.K. Sorabji will discuss "Problems of Space and Time in Antiquity" in a public lecture here scheduled for 4:30 p.m. Friday, March 8.

Sorabji's talk, in the Hollis E. Cornell Auditorium of Goldwin Smith Hall, is being sponsored by the Committee on University Lectures.

Professor of philosophy at Kings College in London, England, Sorabji was a fellow of Cornell Society for the Humanities during the spring of 1979. He taught at Cornell from 1962 to 1969.

He is an authority on Ancient Greek and Early Medieval philosophy and is author of several books, including "Aristotle on Memory" (1979), "Necessity, Cause and Blame" (1980), and "Time Creation and the Continuum" (1983).

Sorabji received a B.A. (1959) and a B.Phil. degree (1962) from Oxford University.

Museum Will Feature Paper-Making Sessions

The Herbert F. Johnson Museum of Art will sponsor free programs on paper-making during the first two Saturdays in March.

Distinguished artist Akima Kurosaki will give an illustrated talk on the paper-making techniques of selected Japanese villages at 10:30 a.m., Saturday, March 2, currently a professor of design at the Kyoto Institute of Technology, Japan, Kurosaki has studied, taught, and exhibited all over the world.

His work is in the permanent collections of the Museum of Modern Art in New York, Harvard University's Fogg Art Museum, the Los Angeles County Museum of Art, among many other institutions in the United States, Europe, Asia, Australia, and South America. Kurosaki's two-week visit to Cornell is sponsored by the university's China-Japan program.

On Saturday, March 9, from 10:30 a.m. to 12:30 p.m., local artist Susan Pickens will conduct a hands-on workshop for all ages on the intricacies of paper-making. This event is made possible through funding from the Institute of Museum Services.

Agendas Are Scheduled For Accounting System

Agendas for training sessions for the university accounting system have been set for the two sessions scheduled for 1:30 to 3 p.m. Monday, March 4, and 2 to 3:30 p.m. Wednesday, March 6 in G-94 Uris.

The same material will be covered in both sessions.

On the agenda are discussions of equipment available for access to the mainframe, with John Rudan; access to the accounting system with J. R. Shulden; demonstration of the in-transit system, with Robert Mack, and a demonstration of the information reporting and inquiry system (IRIS), with Danny Argetsinger.

Students Must Change Computer Passwords

Effective March 7, a student "userid" will no longer accept a birthdate password to log on to Cornell mainframe computers. Students who are still using birthdate passwords to login to a userid are encouraged to change passwords immediately.

Here are instructions on how to change passwords from Agelia Velleman of Cornell Computer Services: Issue the "SET DIRECTORY PASSWORD" command from the DECSYSTEM-2060 and the "ACRPARM PSWD" command from the IBM 4341. (Type "HELP PASSWORD" while logged into the DEC or "HELP ACBPARM" while logged into the IBM for

SAGE CHAPEL

Chicago Archbishop Will Give Sermon

Joseph Cardinal Bernardin, archbishop of Chicago, will speak at Sage Chapel at 11 a.m. Sunday, March 3. His sermon topic will be "Implications of the Transfiguration for Today."

Archbishop Bernardin was ordained on April 26, 1952. He served in the Diocese of Charleston, South Carolina as assistant pastor (1952-54); vice chancellor (1954-56); and chancellor (1956-66). He was consecrated bishop on April 26, 1966 and was appointed titular bishop of Lugura and auxiliary bishop of Atlanta, where he also served as pastor at Christ the King Cathedral.

He was appointed archbishop of Cincinnati on Nov. 21, 1972, and transferred to the archdiocese of Chicago on July 25, 1982. He was created cardinal priest on Feb. 2, 1983.

Archbishop Bernardin received his A.B. in Philosophy from St. Mary's Seminary in Baltimore and an M.A. from Catholic University of America.

Music for the service will be provided by the Sage Chapel Choir under the direction of Dr. Stephen May, Acting Sage Chapel Organist and Choirmaster.

help using these commands.) The "ACBPARM" command requires that you know your key. Initially your key and password are the same.

Any student userid that still has the birthdate password after 7 a.m. March 7 will not be accessible until the owner provides a new password in person to the User Accounting Office, G-20 Uris Hall.

Olin Reference Department Sets Seminars March 8, 21

The Reference Department of Olin Library will give two seminars in March on the use of U.S. Documents for faculty, graduate students and interested staff.

Information will focus on the types of documents published and how to locate them in the Cornell University Libraries. The seminars are scheduled for:

— Friday, March 8, from 1 to 3 p.m. in Room 214 of Olin Library;

Thursday, March 21, from 7 to 9 p.m. in Room 503 of Olin.

To register for one of the seminars or to obtain more information, inquire at the Reference Desk in Olin or call 256-3319.

Vet College Open House Scheduled April 13

Saturday, April 13, is the date for the 18th Open House of the State College of Veterinary Medicine.

Tours, demonstrations, and exhibits on the care and treatment of pets, livestock, and exotic animals are planned from 9 a.m. to 4 p.m. by students of the state's only veterinary college. The open house, which is free and open to the general public, is expected to attract several thousand visitors, including families, school groups, and other organizations.

During the self-guided tours of the college's modern facilities, visitors of all ages will have the opportunity to learn about avian (bird) medicine, puppy and kitten care, animal nutrition, aquatic medicine (for fish and shellfish), exotic pets,

care of young livestock, and emergency first aid for pets.

Returning this year will be one of the most popular living exhibits, the fistulated cow with a "window" to one of its stomachs for observing digestive processes. Also on display will be veterinary services such as radiology, cardiology, clinical, and post-mortem pathology and endoscopy.

Among tours available at the Vet College open house will be a bus trip to the nearby Cornell Equine Research Park, where scientists study the nutritional needs, reproduction, diseases, and physiology of some 200 horses and ponies. Other exhibits being planned will offer information on heartworm disease, parasites of domestic animals, poisonous plants, aging animals,

and mastitis in dairy cattle.

Students who organize and host the open house are pursuing a four-year DVM (doctor of veterinary medicine) degree. Information on careers in veterinary medicine and admission requirements of the college, one of 29 in the country, will be available from admission officers at the open house.

Open house visitors may park free in the "B" lot adjacent to the college, located on Route 366 between Ithaca and Varna. From the parking lot, visitors can follow signs to the start of the self-guided tours. Visitors' pets are not permitted at the college during the open house.

More information on the open house can be obtained by calling (607) 256-5454.

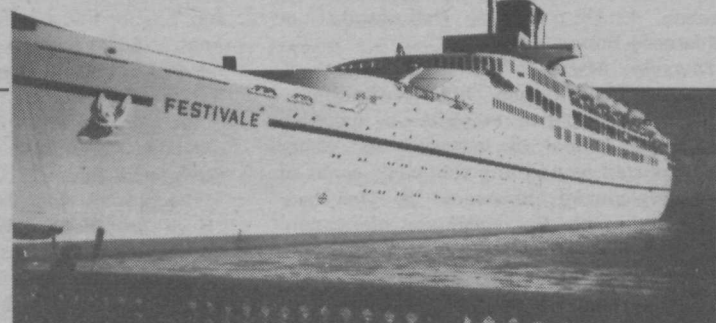
Networking

A Cornell Newsletter Published by Employees for Employees

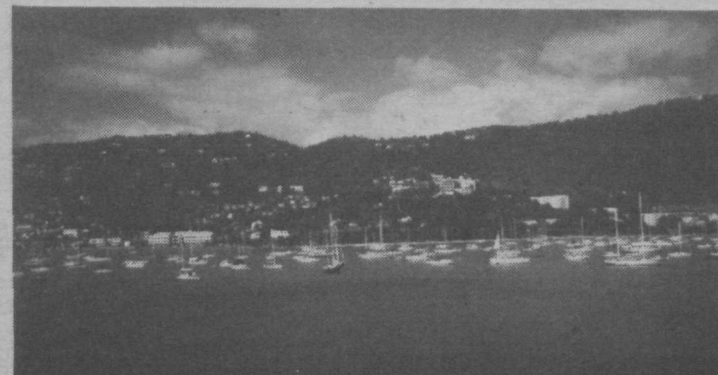
CRC Members Sail to the Caribbean



CRC passengers relaxing before Captain's Dinner.



"Festivale" Cruise Ship.



St. Thomas—Virgin Islands.

By JUNE FRANKLIN

Sixty-four Cornell staff members and retirees boarded the "Festivale" cruise ship in the afternoon of February 2 and set sail on an event-filled seven day trip to Nassau, the Bahamas; San Juan, Puerto Rico; and St. Thomas in the Virgin Islands.

The "Festivale" had approximately 1,200 passengers with a crew of over 500. The ship is owned by Carnival Lines, an Italian liner with registry in Panama. The officers were Italian and the crew represented 45 different nations. The passengers were from many states east of the Mississippi River, but most from colder climates.

Everyone was friendly, helpful and patient.

The weather was beautiful the entire cruise with temperatures in the 70's and 80's, but always a breeze and not a cloud in the sky most days. The meals were excellent as was the service, and each evening there was entertainment in the lounge followed by a midnight buffet. While out to sea, the casino and disco were open until 3:00 a.m. Many activities were held during the day, including bingo, horse racing, cards, ping pong, movies, talent shows, and travel briefings on each port-of-call. However, most of the passengers could be found

working on their tans, cooling off with a swim in one of the two pools on board, or enjoying afternoon refreshments served on the Lido deck while a calypso band played in the background.

On Sunday in Nassau, passengers took the city tour, the glass bottom boat tour, or visited the Straw Market. The ship arrived in San Juan early Tuesday afternoon and later that evening people headed to the Condado Holiday Inn for the San Juan, Las Vegas Night Club Tour "Latin Fever" or to visit the casino. The ship docked Wednesday morning in St. Thomas where many enjoyed the city tour, Coral World, scuba diving,

the St. Thomas snorkeling safari, a trip to St. Johns, or the Sand and Sea Jamboree.

The Cornell Recreation Club passengers had a cocktail party Thursday evening and after having a group picture taken, proceeded to the main dining room for the Captain's Dinner. The "Festivale" returned to Miami Saturday and everyone arrived back in Ithaca about midnight.

Our sincere thanks to Stone Travel and to Andrea Hodges for their assistance in helping to make this a fun cruise. Everyone had a very enjoyable trip and many of us are ready to return next year.

Photo Contest Entry Form

Photographers, don't miss this year's photography contest!

Most of you have probably already seen the announcement in *Networking* and the January 31 issue had a complete list of the rules. Below is the entry blank to use when submitting your photographs. Please attach one to each of your entries so that we can easily identify them. Photocopies of this form are welcome or, if you don't have easy access to a copier, you can get forms by calling one of our committee members: Donna Updike, 6-4429, Bill Albert, 6-4741, or Sigrid Peterson, 6-5144.

ONE FORM PER PHOTO PLEASE!!

Name _____ Dept. _____

Work Address _____ Work Phone _____

Job Title _____

PLEASE CIRCLE THE APPROPRIATE CATEGORY:

Creative Photographic Techniques People/Candid

People/Portraits Cornell Nature/Fauna

Nature/Flora Pictorial/Landscapes Action

Photograph Title _____

PLEASE CIRCLE ONE: Black/White Color

Don't forget: the deadline is April 19, 1985 at 4:00 PM
Deliver to: Bill Albern at Humphries Service Building

Cornell Editor's Guild Gains Membership and Momentum



The Cornell Editor's Guild began several years ago as a group of people who edit journals around campus. Editors of *Alumni News*, *ILR Reports*, *Human Ecology Forum*, *NYS Food and Life Sciences Quarterly*, *Engineering Quarterly*, and others met informally at brown bag luncheons to talk about their common interests.

In recent years, the group has grown to include people in all editorial capacities, from such diverse publication efforts as Cornell University Press, University Publications, Media Services, Engineering Publications, Graduate School of Business and Public Affairs Publications, Cornell Plantations, Hotel School, University Development, and other publications around campus.

The Cornell Editor's Guild now holds regular monthly luncheon meetings, many of which feature guest speakers. Recent speakers include

Cornell Vice President David Call, illustrator Tom Parker, and freelance photographer John Reis. Some meetings are devoted to discussing topics and solving problems common to all those in editing, such as word processing technology, circulation and mailing lists, working with authors, and dealing with printers. The group provides the opportunity to meet with others who share the same problems and interests, and members see it as a forum to discuss ideas and establish contacts with other editors in the Cornell community.

Anyone in editing or publications work at Cornell is welcome to join the Cornell Editor's Guild. Please contact Trudie Calvert, Media Services, 400 Roberts Hall, 256-3126, to be put on a mailing list for announcements of meetings.

Employee Assembly Elections

Remember, if you would like to run for election to the Employee Assembly, today (February 28) is the date petitions are due in the Office of the Assemblies (165 Day Hall). Election ballots are scheduled to be mailed out on March 18 and be back in the Office of the Assemblies by April 3.

Employee Calendar

Events of Particular Interest to Cornell Employees

Wednesday, March 6. Employee Assembly meeting, 12:15 p.m., Day Hall, Third Floor Conference Room.

Thursday, March 7 and Friday, March 8. "Essential Skills for the Office Professional," 8:30 a.m. - 4:30 p.m. Presented by the New York State School of Industrial and Labor Relations staff as part of a continuing series of staff development. Sponsored by University Personnel Services. For registration information, call Training and Development, 256-7400.

Wednesday, March 13. Brown Bag Luncheon, "Investing in Your Retirement: Session 2," sponsored by Employee-elected Trustees and the Employee Assembly, noon, Space Sciences Building, room 105, Richard Gillons, investment officer, speaker.

Thursday, March 14. University Assembly meeting, 4:45 - 6:00 p.m., 405 Malott Hall.

Saturday and Sunday, March 16 and 17. Cornell Recreation Club Mixed Scotch Doubles Bowling/Chicken Barbecue, Helen Newman Lanes, tickets are \$6.00, register with Chuck Parkin, 256-4200.

Wednesday, March 20. Employee Assembly meeting, 12:15 p.m., Day Hall, Third Floor Conference Room.

Friday, March 22. "Identifying Your Transferable Skills" Cornell Careers Program, 12:15 - 1:15 p.m. Room 202 Uris Hall.

Saturday, March 23. Cornell Recreation Club Ice Capades trip, noon performance, Onondaga War Memorial, tickets are \$13.00 for members and \$18.00 for nonmembers, ticket price includes bus and show, for more information, call the CRC office, 256-7565.

Cornell Recreation Club Dinner/Dance, Roast Beef dinner and dance at Dryden VFW. Price is \$10 per person and open to everyone. Call CRC office, 256-7565 for more information.

Wednesday, March 27. Brown Bag Luncheon, "Are You Listening?" sponsored by Employee-elected Trustees and the Employee Assembly, noon, Space Sciences Building, room 105, Professor Russell G. Martin, Communication Arts Department, speaker.

Saturday, March 30 - Wednesday, April 3. Cornell Recreation Club Puerto Rico trip. Visit the world's largest radio telescope, Phosphorescent Bay, Old San Juan, and much more. Call CRC office, 256-7565 for more information.

Wednesday, April 3. Employee Assembly meeting, 12:15 p.m., B-8 Roberts Hall.

Wednesday, April 10. Brown Bag Luncheon, "Women's Studies at Cornell," sponsored by the Employee-elected Trustees and the Employee Assembly, noon, Space Sciences Building, room 105, Professor Jennie T. Farley, I&LR, speaker.

Thursday, April 11. University Assembly meeting, 4:45 - 6:00 p.m., 251 Malott Hall.

Wednesday through Sunday, April 10-14.

Cornell Recreation Club Williamsburg, Virginia trip, cost of transportation and lodging approximately \$300 for two people, advance deposit necessary, balance due by March 15. For more information, call the CRC office, 256-7565.

Wednesday, April 17. Employee Assembly meeting, 12:15 p.m., Day Hall, Third Floor Conference Room.

Wednesday, April 24. Brown Bag Luncheon, "Have You Made a Will?," sponsored by the Employee-elected Trustees and the Employee Assembly, noon, Space Sciences Building, room 105, Professor Joe Bugliari, dean of faculty, speaker.

Thursday, April 25. University Assembly meeting, 4:45 - 6:00 p.m., 405 Malott Hall.

Saturday, April 27. Cornell Recreation Club Steak Dinner/Moonlight Bowling, Helen Newman Lanes, dinner 5:00 - 7:00 p.m., bowling 8:00. Dinner, \$5.00 per person, dinner and bowling, \$8.00 per person. Contact CRC office, 256-7565 for further information and registration.

Wednesday, May 1. Employee Assembly meeting, 12:15 p.m., B-8 Roberts Hall.

Wednesday, May 8. Brown Bag Luncheon, "Cornell Plantations are for Everyone," sponsored by the Employee-elected Trustees and the Employee Assembly, noon, Space Sciences Building, room 105, Robert E. Cook, director of Cornell Plantations, speaker.

Thursday, May 9. University Assembly meeting, 4:45 - 6:00 p.m., 251 Malott Hall.

Sunday, May 12. Cornell Recreation Club Mother's Day Pancake Breakfast, 8:00 a.m. - 12:00 noon, Big Red Barn, \$3.00 per person. Children under 5 free. Tickets available in advance through CRC office.

Wednesday, May 15. Employee Assembly meeting, 12:15 p.m., Day Hall, Third Floor Conference Room.

Wednesday, May 22. Brown Bag Luncheon, "Cornell Extension Services: You Can Benefit!," sponsored by the Employee-elected Trustees and the Employee Assembly, noon, Space Sciences Building, room 105, Lucinda Noble, director of Cooperative Extension, speaker.

Wednesday, June 5. Employee Assembly meeting, 12:15 p.m., B-8 Roberts Hall.

Wednesday, June 12. Brown Bag Luncheon, "Gender Roles in America: A Historical Perspective," sponsored by the Employee-elected trustees and the Employee Assembly, noon, Space Sciences Building, Professor Mary Beth Norton, History Department, speaker.

Wednesday, June 19. Employee Assembly meeting, 12:15 p.m., Day Hall, Third Floor Conference Room.

Submit listings for Employee Calendar to Editor, University Personnel Services, 130 Day Hall.

CRC News

Cornell Recreation Club

The Cornell Recreation Club is sponsoring a poster contest to promote interest in the club and its activities.

The winning entry will be posted throughout the campus. A warm-up suit will be awarded to the winner by the Cornell Campus Store.

Entries must be submitted to the CRC office at 165 Day Hall by 4:30 p.m. Friday, April 5. Posters may vary in size from 8 1/2 by 11 inches to 11 by 17 inches.

Club activities through the coming months include:

The annual mixed doubles bowling and chicken barbecue at Helen Newman Lanes (March 16 and 17);

Trip to the Onondaga War Memorial for the Ice Capades (March 23);

Roast beef dinner and dance at the Dryden VFW (March 23);

Trip to Puerto Rico (March 30 through April 30);

Trip to Williamsburg, Virginia (April 10 through 14);

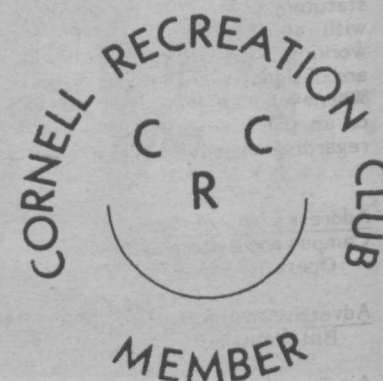
Steak dinner and moonlight bowling at Helen Newman Lanes (April 27);

Mother's Day pancake breakfast at Big Red Barn (May 12);

Toronto Expo trip (August 15 through 18); For detailed information concerning these events, contact the CRC office at 256-7565 or read CRC announcements on page 3 of the February 14 issue of *Networking*.

CRC members may obtain discounts at Disneyland and Disneyland through the CRC office.

CRC jackets (\$15.50) are on sale through the CRC office where samples are available for examination and determining size.



Attention: Cornell Employee Groups

The Employee Assembly would like to compile a list of employee organizations on campus. An identification and listing of employee-related organizations could serve as a valuable resource to your group and to employees in general. Would your group be interested in being part of this listing? Listings would be limited to organizations which started primarily because of their affiliation to Cornell and draw the majority of their membership from Cornell staff. There are many employees on campus who:

- seek involvement in activities of common interest with other employees.
- are interested in becoming more active members of the Cornell community.
- would enjoy meeting other employees not located in their immediate work area.

• would like to share information and resources with other groups across campus.

If your organization would like to reach these employees, perhaps you should participate in this project. Please send a written reply to let us know if you would be interested in being included in this listing. Be sure to include the following information along with any other comments or suggestions.

Interest Reply

- Name of group
- Contact person
- Telephone number
- Brief description of group
- Comments

Send to: Office of the Assemblies, 165 Day Hall.

More Than 40 Staff Development Workshops Slated for Spring

Contributed by University Personnel Services "Right-to-Know Training," "Personal Effectiveness" and workshops dealing with finances are but a sample of the current variety of courses listed in the *Contact* of "Calendar of Workshops & Seminars" and available to Cornell staff. Sponsored by the Training and Development section of University Personnel Services, the series also offers programs in Work Skills Development, Human Relations and Communication Skills, and Personal Development.

Focus on Improvement

Improving yourself and your relationships with others is the theme for a number of Human Relations/Communications Skills Workshops. David Let Davidson, Ph.D., Director of Transformation Workshops will present the popular "Effective Communication: Improving Workgroup Relationships" series. These two pro-

grams are designed to help participants understand and work more effectively with others, and learn how to promote better relationships within their particular workgroups. Several additional programs focus on individual skill improvement. "Assertiveness Skills" presents the opportunity to gain insights on how to communicate more effectively both on and off the job. "Improving Personal Effectiveness," designed for secretaries and administrative staff, is planned to build personal skills necessary to achieve maximum effectiveness on the job. Complete course descriptions and registration procedures are outlined in your *Contact* "Calendar of Workshops & Seminars."

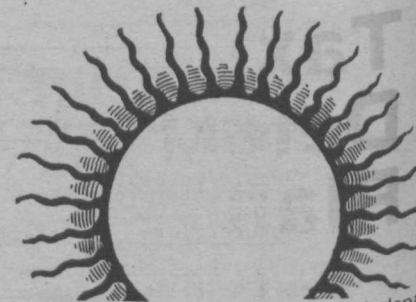
Taxes and Investments

Two popular sessions focusing on financial matters will be offered again this spring. "Talking About Taxes" slated for March 15 provides a timely opportunity for you to receive the latest

information on changes in federal tax laws and have your tax questions answered by an IRS representative. On April 9, Jean Hogarth, Assistant Professor of Consumer Economics and Housing will present "Investment Basics for Beginners." Identifying investment goals and how to shop for financial advice are among the topics to be discussed. There is no charge for either workshop, and more program information is listed in your *Contact* "Calendar of Workshops & Seminars."

Right-to-Know Training Sessions Also Available

Designed to provide a basic understanding of the ways in which toxic substances and chemicals affect health, these programs explore issues related to chemical safety, and are specifically planned for non-technical employees. Although not listed in the current *Contact*, these programs are available to individual



departments upon request. Interested department heads should contact Robin Goodloe, Training Coordinator at 256-8202 in the Office of Environmental Health. There is no charge for these programs.

For further information about a variety of staff development opportunities at Cornell, please contact Training and Development, 111 Day Hall, 256-7400.

Directory of Personnel Services

Cornell University

This directory of personnel services is a functional list of our various services and the primary contact person. Every effort has been made to insure that the telephone extension is accurate to date. However, these numbers do change from time to time. When you call, ask to speak to the person listed as the contact and your call will be transferred if necessary. Due to the way our phone system is designed, you may hear the phone ring as if no one is here. This usually means that the call did not get through to the extension. If no one answers after four rings, please hang up and redial the number. We hope this listing will make it possible for you to make quick and direct contact with our division when you have questions.

This directory includes individuals responsible for the administration of both statutory and endowed programs. Individuals working with statutory programs for employees are designated with an (S) following their name. Individuals working with endowed programs for employees are designated with an (E) following their name. Whenever a name is not followed by either an (S) or an (E), that individual should be contacted regarding both statutory and endowed programs.

Address Changes
Campus and home addresses
Operations 7300

Advertisement placement and billing
Bill Webster 5226

Air Travel Insurance
Neil Poppenseik 3741

Appointments
Acting, casual, temporary, and dual
David Yeh (E) 7170
Vashti Peagler (E) 7170
Linda Budinger (S) 5400
Mary Parker (S) 5400

Appointment form processing
Operations (E) 7300
Linda Budinger (S) 5400

Auto insurance
William M. Mercer-Meidinger, Inc. . 257-2160

Beneficiaries
Life insurance
Bonnie Clark 4128
Leslie Tanneberger 7509

TIAA/CREF
Bonnie Clark (E) 4128
Jean Hobart (E) 3936
Phyllis Allen (S) 4455

VADD
Bonnie Clark 4128
Leslie Tanneberger 7509

Benefits after retirement
CCTS
Adele Feierstein 7509
Health care
Nan Nicholas (E) 3937
Patricia Osburn (S) 3084

Life insurance
Bonnie Clark 4128
Leslie Tanneberger 7509

Benefits billing
Cindy Fitzgerald (E) 7300
Patricia Osburn (S) 3084

Benefits, general
Endowed
Marilyn Paluba 7508
June Franklin 7508
Statutory
Phyllis Allen 4455

Conversion of benefits upon termination of employment
Automobile Insurance
William M. Mercer-Meidinger, Inc. . 257-2160
Health care
Operations (E) 7300
Patricia Osburn (S) 3084
Life insurance
Operations 7300

Break-in-service policy
Vivian Collins (E) 7301
Linda Budinger (S) 5400

Central Employee Registration (CER)
Bonnie Clark 4128
Leslie Tanneberger 7509

Compensation
David Yeh 7170
Peggy Reynolds 7170
Vashti Peagler 7170
Anita Harris 7170
Judi Pulkinen 7170
John Hartnett (S) 4425

Compensatory time off
David Yeh 7170
Vashti Peagler 7170

Cornell Children's Tuition Scholarship (CCTS)
Adele Feierstein 7509

Deans, Directors, Department Heads
Mailing List Authorization and List Changes
Jan Wright 3621

Deductions, Payroll
Automobile insurance
William M. Mercer-Meidinger, Inc. . 257-2160
Group health care
Cindy Fitzgerald (E) 7300
Patricia Osburn (S) 3084
Federal retirement

Phyllis Allen (S) 4455
LTD (Long Term Disability Insurance)
Cindy Fitzgerald (E) 7300
Phyllis Allen (S) 4455
New York State Disability Insurance
Endowed Payroll Office 5194
Statutory Payroll Office 2022
New York State health insurance
Patricia Osburn (S) 3084
Salary Reduction Agreements
William Douglas (E) 4128
Bonnie Clark (E) 4128
Jean Hobart (E) 3936
Phyllis Allen (S) 4455
Statutory retirement programs (TIAA/CREF & NYSERS)
Phyllis Allen (S) 4455
Supplemental life insurance
Cindy Fitzgerald (E) 7300

TIAA/CREF
William Douglas (E) 4128
Phyllis Allen (S) 4455
VADD
Cindy Fitzgerald (E) 7300
Phyllis Allen (S) 4455

Information Session Scheduled with

Tax-Deferred Investment Representatives

Contributed by University Personnel Services

Representatives from Equitable, Unionmutual, Fidelity and TIAA/CREF will be on the Ithaca campus, March 5 and 6, 1985, to discuss the investment options available to Cornell employees under the Cornell Tax Deferred Plan. The meetings, scheduled to run for approximately one and one-half hours, will provide an opportunity to obtain first-hand information on tax deferring a portion of your salary for future retirement income.

Contributions to tax-deferred options can be made through payroll deduction with before tax dollars. This lends to decreased taxes throughout the current year for faculty and staff while saving for the future. Last July, Equitable, Unionmutual, and Fidelity joined TIAA/CREF to provide a wide range of investment choices.

You do not need to preregister for these sessions and guests are welcome. Remember, it is never too early to start planning for financial security during retirement.

Schedule for Information Sessions with Tax-Deferred Investment Representatives:

Date	Time	Location
March 5	10:00 - 11:30 a.m.	348 Morrison Hall
	2:00 - 3:30 p.m.	348 Morrison Hall
March 6	10:00 - 11:30 a.m.	348 Morrison Hall
	2:00 - 3:30 p.m.	110 Ives Hall

Networking

Deadlines

March 4 (March 14 issue)
March 18 (March 28 issue)
April 1 (April 11 issue)
April 15 (April 25 issue)
April 29 (May 9 issue)
May 13 (May 23 issue)
May 27 (June 6 issue)
June 10 (June 20 issue)
July 1 (July 11 issue)
July 15 (July 25 issue)
July 30 (August 8 issue)
August 12 (August 22 issue)
August 27 (September 5 issue)
September 10 (September 19 issue)
September 24 (October 3 issue)
October 8 (October 17 issue)
October 22 (October 31 issue)
November 5 (November 14 issue)
November 26 (December 5 issue)
December 9 (December 19 issue)

Tax

Deferred

Plan

Disability		I.D. Cards		Performance appraisals		General service positions and temporary general service openings	
Short Term (DBL)		Academic		Forms		J. Courtney Fletcher	273-1179
Pat Cooke	3937	Sandie Phelps	4963	Training and Development	7400	Professional/Administrative positions	
Long Term (LTD)		Aetna and prescription drug program		Information		Ralph Jones	5226
Nan Nicholas	3937	Pat Cooke (E)	3937	Jared Harrison	7400	Technical positions and temporary technical openings	
Deductions (see Deductions, payroll)		Nonacademic (CER)		Linda Budinger (S)	5400	Cynthia Smithbower	5226
		Leslie Tanneberger	7509	Personnel Manual		Supervisory Identification Program	
East Hill Plaza Employment Office		Replacement (regular appointment)		Patricia Hutton	3983	Melanie Hart	7206
J. Courtney Fletcher	273-1179	Monica Doyle	7301	Phased retirement		Tax Deferred Plan	
Employee and supervisor concerns		Retirees		Vivian Collins	7301	(Administration, applications, maximum exclusion allowance calculations, reduction changes and Salary Reduction Agreements)	
Peter Tufford	7206	Jean Hobart	3936	Position classification (see Compensation)		Bonnie Clark (E)	4128
Marge Swiercz	7206	Temporary		Probationary review process		William Douglas (E)	4128
Peg Landau	7206	Tambi Benzon	5226	Melanie Hart	7206	Jean Hobart (E)	3936
Lauran Jacoby	7206	Job classifications, descriptions, evaluations and reclassifications (see Compensation)		Promotions (see Compensation)		Phyllis Allen (S)	4455
Employee Assistance Program		Layoffs		Receptionist/switchboard operator		Sylvia Johnson (S)	4455
Counseling		Peter Tufford	7206	Judith Knapp	5226	Training and Development	
Family and Children's Services of Ithaca		Re-employment assistance		Reclassifications (see Compensation)		Applications and General Information	7400
University liaison		Judy Morgan	5226	Recruitment (see Staffing)		Approvals and Advising	
Lauran Jacoby	7206	Continuation of benefits, return to employment		Reference Checks (see Staffing)		Jared Harrison	7400
Employee Degree Program (see Training and Development)		Vivian Collins	7301	Retirement planning		Transfers (see Staffing)	
Employee records		Unemployment Insurance benefits		Benefit estimates, counseling, claim processing, enrollment, TIAA repurchase information		Tuition Aid (see Training and Development)	
Monica Doyle	7301	Barbara Kroplin	4652	Bonnie Clark (E)	4128	Unemployment Insurance	
Employee transfers (see Staffing)		Leaves of absence		Jean Hobart (E)	3936	Barbara Kroplin	4652
Employment (see Staffing)		Funeral, jury duty, military training and personal leave		Phyllis Allen (S)	4455	Union-related matters (see Employee and Supervisor Concerns)	
Extramural Study Program (see Training and Development)		June Franklin	7508	Sylvia Johnson (S)	4455	(VADD) Accidental Death & Dismemberment Insurance	
Fair Labor Standards Act		Departmental and University leaves		NYSERS		Changes in coverage, claims processing, contact with carrier and counseling	
David Yeh	7170	Vivian Collins	7301	Phyllis Allen (S)	4455	Bonnie Clark	4128
Vashti Peagler	7170	Benefits billings while on leave		Phyllis Allen (S)	4455	Leslie Tanneberger	7509
Grievance procedure (union and non-union) (see Employee and Supervisor Concerns)		Cindy Fitzgerald	7300	Salary Improvement Program		Deductions	
Health insurance		Life Insurance		David Yeh	7170	Cindy Fitzgerald	4128
Counseling and claims assistance		Assignments, beneficiaries, claims processing		John Hartnett (S)	4425	Workers' Compensation	
Nan Nicholas (E)	3937	Bonnie Clark	4128	Service Recognition Program		Nan Nicholas (E)	3937
Pat Cooke (E)	3937	Leslie Tanneberger	7509	General information and service verification		Alice Boose (E)	6347
Patricia Osburn (S)	3084	Phyllis Allen (S)	4455	Vivian Collins	7301	Sylvia Johnson (S)	4455
Conversion		Contact with carrier, counseling and health statements, conversion		Sexual harassment or discrimination		Workshops and seminars (see Training and Development)	
Operations (E)	7300	Vivian Collins	7301	Employee Relations	7206		
Patricia Osburn (S)	3804	Moving and relocation allowance		Office of Equal Opportunity	3976		
Dependents, enrollment, health statements and major medical claims processing		Office of the Controller	6240	Staffing			
Pat Cooke (E)	3937	New Employee Orientation (NEO)		(Recruitment, hiring, reemployment, transfers, waivers of posting)			
Nan Nicholas (E)	3937	Karen Spiero	8535	General information/switchboard			
Patricia Osburn (S)	3084	Peg Landau	7206	Judith Knapp	5226		
Medicare Coordination with health care		Esther Smith	5226	Approval of extension of temporary positions, and waivers of posting			
Nan Nicholas (E)	3937	Organization charts		Judy Morgan	5226		
Pat Cooke (E)	3937	Peggy Reynolds	7170	East Hill Plaza Office			
Patricia Osburn (S)	3084	Organizational Services		J. Courtney Fletcher	273-1179		
Medicare general information and enrollment		Information		Employment of minors			
Social Security Administration (Ithaca office)		Karen Spiero	8535	Cynthia Smithbower	5226		
Prescription drug program		Consulting		Clerical positions			
Nan Nicholas (E)	3937	Gerry Thomas	8535	Esther Smith	5226		
Pat Cooke (E)	3937	Pay		Clerical Openings, Temporary			
Patricia Osburn (S)	3084	Hiring rates, starting pay, inconvenience pay, overtime pay, pay grade structure, pay periods, policy, pay ranges, temporary pay rates, pay advances, annual increases, shift pay and stand-by pay (see Compensation)		Tambi Benzon	5226		
Holidays							
June Franklin	7508						

Unclassified Ads

For Sale: 1979 Jeep Renegade, CJ7, 4-speed, hard-top, tachometer, clock, 58,000 miles. \$3595. 277-3694 late evenings.

For Sale: Long gray wool dress coat, size 9/10, \$20; yellow parka (for man or woman), size S; Bauer hockey (molded) skates, man's size 5, brand new with original warranty, kneepads, (new) hockey stick, \$40. Man's 21" Columbia bike, blue, \$40. Very good condition. Call 257-3567, 5:00 - 9:00 p.m.

For Sale: Men's Raichle ski boots, size 9, \$40; Women's ski boots, size 7, \$25; gas stove, \$30; "Camp" refrigerator, \$25. Call Bill at 6-5511 or 273-6423.

For Sale: Aones fiberglass washable skis, 180 cm. With bindings, \$55. 273-5163 evenings, 6-8002 days.

For Sale: Color T.V., needs repairs, \$50; B&W portable T.V. \$30; tire rims, various sizes, \$10 each. Call Paula 273-7458 evenings.

For Sale: 1980 Datsun 310 Hatchback. Excellent condition, rust proofed, cassette stereo, good tires, used snowtires, no rust. 44,600 miles. Must sell. Asking \$3,600. Call 257-2935.

Wanted: To rent by Visiting Professor: sabatic house or furnished apartment for fall semester '85. Call 257-6733.

Wanted: Siamese kitten, 6-8 weeks old. Male, Blue Point or Lilac Point preferred.

Michael Kossmann 6-4353 days, 739-0678 evenings.

Wanted: Bassinet in good condition. Call Nancy at 277-1648 evenings.

Wanted: Housekeeper 3 hours/week. Will pay \$5.00/hour. Please contact Deanna after 6:00 p.m., 257-7950.

Wanted: One set of bunk beds with or without mattresses. Used, any wood, good condition. 6-3310 or 272-9431 after 5:00 p.m.

Wanted: Buying a MacIntosh at Cornell? Get your printer for half price by sharing cut-rate package with me. I need an external disk drive and will share the cost of the package. Call 272-0709.

Free: If you can accommodate it! My aloe plant has outgrown me (it's about 2 feet across, 1 1/2 feet high). Helen Haller, 6-7412 or 273-9416.

Ridesharing

Wanted: Ride from Horseheads area to Cornell B-lot area daily. 8:00 a.m. - 4:30 p.m., will pay. Phone Mike at 739-0678 after 5:30.

Please submit all Unclassified and Ridesharing Ads to Linda English, NAIC, Research Park, 61 Brown Road (via campus mail). At this time, all Unclassified Ads are free of charge to Cornell faculty, staff and graduate students. The deadline for the March 14, 1985 issue of Networking is March 4.

Leadership Leads

Borrowed from "Bits & Pieces"

People leave their jobs for any number of reasons. Often it's a better opportunity elsewhere or a fatter paycheck. But, even with the lure of more money, people who are reasonably content with their work and their leaders seldom go out looking for other jobs.

Some companies have a higher turnover than others, sometimes embarrassingly so. And often it's the better people who leave. This can be a costly and frustrating problem.

Sometimes people have been offered opportunities and salaries which are so extraordinary that you couldn't possibly have matched them. All you could have done in any case is let them go and wish them good luck. But don't be too sure. Before you let yourself off the hook, ask yourself a few questions and answer them as honestly as you can.

Did I let these people know how important they were to me and to the company? Or did I more or less take them for granted?

Did I give them chances to be proud of themselves? Did I pass along all the authority I possibly could — or keep them tied to my apron strings?

Did I give these people — and get for them — the credit and recognition they deserved from me and from others up the line? Or did I tend to leave them in the shadows?

Were the jobs challenging to them? Did I do my best to make them so?

Did I make their work as varied and interesting as possible? Did I show them the possibilities of promising futures? Or did I simply leave them in ruts and exploit their abilities to my own advantage?

Don't be too quick to absolve yourself from all blame. If you were responsible, in any respect, for their leaving, it's smarter to realize it than to hide your head in the sand. Unless you change your attitude or actions, you may lose more good people for the same reasons.

The best time to think of these things, of course, is before you lose good people rather than after.

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