

Some Faculty Oppose 'Star Wars,' Others Welcome Funds *Policy of Prohibiting Classified Research Is Re-emphasized During Debate*

By ROGER SEGELKEN

While some Cornell University scientists and engineers lead a national campaign against "Star Wars" research, other Cornell faculty members plan to conduct studies funded by President Reagan's Strategic Defense Initiative.

Amid the debate, Cornell administrators are re-emphasizing the university's policy of prohibiting classified research while reiterating that individual faculty members are free to accept non-classified work from any gov-

ernment program, including SDI.

Although many Cornell faculty members strongly oppose SDI, "they feel equally strongly about the right of other faculty members to pursue their own research interests," said Joseph M. Ballantyne, vice president for research and advanced studies.

"We have respect for differences of opinion, and that supersedes many other concerns. An institution has to remain neutral. A ban on SDI research at Cornell is highly unlikely."

Last week, scientists from Cornell and the Massachusetts Institute of Technology launched a national effort to dissuade researchers from participating in government-sponsored studies to help build a space shield against nuclear missiles. They labeled the SDI effort dangerous and unworkable.

More than 500 Cornell researchers, including 112 physics and engineering faculty members, have already signed a petition opposing Star Wars research. The petition campaign has spread to nearly 40 campuses.

But as many as 10 Cornell researchers or research groups are believed to be interested in conducting Star Wars research, according to Ballantyne. SDI-sponsored research will help answer important, basic problems in science—problems that are of interest regardless of the government's defense mission—said one engineer who is seeking SDI funding.

In fact, up to 25 percent of the 42-member electrical engineering faculty at Cornell might participate in SDI research if given the opportunity, according to the director of the School of Electrical Engineering.

To date, no SDI funding has been awarded to researchers at Cornell, but the university will permit such research as long as it does not violate a long-standing policy of openness, Ballantyne said.

In a May 31, 1985, letter to Cornell President Frank Rhodes, 17 engineering faculty members called Star Wars a dangerous program that would "extend the arms race to outer space and destabilize the delicate nuclear peace." The petitioners said that goal-directed, mission-oriented defense contracts such as those available through SDI "are not consistent with the scientific and educational goals of Cornell University," and they demanded a ban on SDI research.

However, the university's Research Council, which is made up of distinguished senior faculty members, and the Research Policies Committee of the Faculty Council of Representatives both declined to recommend a ban on SDI research. The FCR committee agreed unanimously that individual faculty members should be allowed to decide whether they wish to participate in SDI.

Partly as a result of that rebuff came the anti-SDI petition now being circulated at Cornell and around the country. It asks faculty "neither to solicit nor accept SDI funds."

As of Tuesday (Sept. 17), 521 Cornell faculty members, graduate students, and staff members in physics and engineering had signed the petition, according to Zellman Warhaft, associate professor of mechanical and aerospace engineering. Warhaft, a specialist in fluid mechanics, originated the attempt to ban SDI research at Cornell. He said the petitions will be presented to Congress and the names of signers will be published at the end of September.

Nationally, about 1,000 researchers have signed the petitions so far.

Researchers who refuse to conduct SDI research "can help bring the issue to the attention of the public and the academic community," Ballantyne observed. "Many people in government are sensitive to the part universities play in society, and if the academic community is concerned, people in government will at least pay attention."

SDI contracts, if offered to Cornell, will come under the same close scrutiny faced by all research sponsors, the vice president said. A strict policy that prohibits classified research and fosters open, timely dissemination of information will apply.

This open, no classified research policy was most recently revised about one year ago. Similar policies have been in effect at Cornell since the mid-1950s.

Cornell's Office of Sponsored Programs,

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Informania, an activities fair, was held last Thursday in front of the Straight. More photographs on page 3.

South Africa Investment Protests Continue into Fall

Protests against apartheid and Cornell's investments in companies doing business in South Africa have continued on campus this fall.

On Sept. 4, 250 protesters staged a sit-in at Day Hall; they all walked out of the administration building voluntarily at its 5 p.m. closing time and no charges were filed.

On four subsequent dates, Sept. 12, 13, 16, and 17, a total of 16 protesters were charged with criminal trespass for refusing to leave Day Hall at 5 p.m. Eleven of those arrested were also charged with obstructing governmental administration for refusing to identify themselves or refusing to be photographed and fingerprinted at Day Hall.

In addition, two of the protesters face charges of resisting arrest for refusing to

walk out of Day Hall; they had to be dragged by Public Safety officers. In summary:

Sept. 12 — Eleven protesters staged a sit-in at Day Hall while about 50 supporters gathered outside. Two demonstrators, students Ben Zeman and Catherine Johnston, refused to leave the building and refused to be fingerprinted or photographed inside Day Hall. They were taken to Ithaca Police headquarters by Public Safety for processing and appeared before Ithaca Town Justice Merton Wallenbeck.

Sept. 13 — One dozen people held a sit-in at Day Hall. Two protesters who refused to leave at 5 p.m. also refused to identify themselves and were taken before Justice Wallenbeck. The two were later identified as students Daniel K. Carew and Jane S. Speyer.

Speyer spent Friday night in Tompkins County Jail before being released Saturday on \$250 bail; Carew spent the weekend in jail before being released Monday morning.

Sept. 16 — About 130 protesters participated in an afternoon sit-in at Day Hall; all but 10 left the building at 5 p.m. Of the 10 charged, five refused to identify themselves. The other five, all Cornell students, were identified by Public Safety as Janet Lobb, Schuyler Stephens, Siobhan A. Moss, Gary Kruger, and Lorelynn Adamson.

Sept. 17 — Two protesters who refused to identify themselves were charged for refusing to leave Day Hall. Another 20 demonstrators left the building voluntarily at 5 p.m.

General Foods Chairman Ferguson Will Be Seventh Hatfield Fellow

The chairman and chief executive officer of General Foods will discuss economic issues, including the federal deficit, tax reform and the social responsibility of corporations, with undergraduate students and will deliver a public lecture during a visit to Cornell Oct. 3.

James L. Ferguson, who has been General Foods' chief executive since 1973, will be the 1985 Hatfield Fellow at Cornell.

The Hatfield Fellows Program is part of the Robert S. Hatfield Fund for Economics Education at Cornell University, founded by the Continental Group Foundation in 1980 to honor Robert S. Hatfield on his retirement as chief executive officer and chairman of the board of The Continental Group Inc. Hatfield is a 1937 Cornell graduate and is a former member of the university's Board of Trustees.

The endowment supports two major campus programs. The Hatfield Fellows Program brings distinguished business leaders to

campus to discuss economic issues with undergraduate students in an informal setting, and to deliver a public lecture on a matter of economic importance.

The second program provides financial support to faculty members who propose innovations in teaching undergraduate economics. The program has been used by faculty to fund outside speakers, student field experiences, and research projects intended to increase student understanding of economic theories.

Ferguson will be the seventh Hatfield Fellow to visit Cornell. Previous speakers, all of them chief executive officers, have been Hatfield, Roger B. Smith of General Motors, Clifton C. Garvin Jr. of Exxon, Edward G. Jefferson of E.I. du Pont de Nemours & Co., John F. Welch Jr. of General Electric, and John R. Opel of IBM.

During his visit, Ferguson will lead a discussion with students and faculty in the Division of Nutritional Sciences, a joint unit of

the State College of Human Ecology and the State College of Agriculture and Life Sciences; participate in an undergraduate course on business and the American economy in the College of Arts and Sciences; and address an undergraduate strategic marketing class in the College of Agriculture and Life Sciences.

Ferguson will deliver the 1985 Hatfield Address at 4:45 p.m. in Uris Auditorium. His topic at the public forum will be "Business and Education in a Changing World."

As chairman and chief executive officer of General Foods, Ferguson heads a multi-billion dollar international corporation that produces a wide range of packaged foods, including Maxwell House, Sanka, Jell-O, Post breakfast cereals, Birds Eye frozen foods, Tang, Kool Aid, Minute Rice, Oscar Mayer meats, and others.

Ferguson joined General Foods in 1963 as an assistant to the marketing manager of the frozen foods division. He became marketing

manager there before moving to the desserts division as marketing manager. In 1968, Ferguson was named general manager of the frozen foods division and was elected a corporate vice president.

In 1972, Ferguson was elected president, chief operating officer and a director of General Foods. He became chief executive officer in 1973 and assumed the office of chairman and president in 1974. Ferguson remained chairman after the election of a new president in 1977.

Ferguson holds degrees from Hamilton College and Harvard University's Graduate School of Business Administration. He is a director of several companies, including Union Carbide Corp., Federated Department Stores, Sawyer-Ferguson-Walker Co., and Chase Manhattan Bank.

He is a former chairman of the Council for Financial Aid to Education, and member of the Business Roundtable, The Business Council, the Conference Board, and a trustee of Hamilton College.

'Star Wars' Issue Roundly Debated by University Faculty

Continued from Page 1

which reviews and approves all contracts for funded research at the university, is being especially watchful. Following lengthy negotiations with the National Science Foundation, the university finally signed a \$21 million funding contract for the Center for Theory and Simulation in Science and Engineering this summer, one of four national supercomputing centers recently designated by NSF.

Contract difficulties arose when Cornell and the University of Illinois balked at a provision proposed by the Defense Department and other agencies to bar citizens of certain proscribed countries from the federally funded supercomputers. (Supercomputer consortiums at San Diego and Princeton apparently accepted the government's terms, agreeing to abide by policies that had not been formulated.)

"The National Science Foundation appreciated Cornell's and Illinois' stand," Ballantyne said. "We are in a stronger position than many places in terms of preserving openness. We are continually involved in an education process with sponsors who might

want to keep things confidential, particularly industrial sponsors."

The same research policy, in recent years, cost Cornell a lucrative electrical engineering contract from the Air Force, which sought to limit access to American citizens and Air Force-approved foreigners.

If the SDI-funded contracts specify that all research will be open, "we shouldn't have any problem," Ballantyne said. "We have had a fruitful relationship with many Defense Department agencies. They have done much to promote the acquisition of knowledge."

Less trusting of the federal government is the chairman of Cornell's physics department, Donald F. Holcomb, who noted a developing "tension between the research community and the federal government that has not been seen in decades." Holcomb said he and others fear that researchers would be unable to maintain the atmosphere of scientific openness as SDI continues and, presumably, accelerates.

One concern of academic scientists, Holcomb said, is the type of "ex post facto censorship" the federal government has attempted to impose on dissemination of results, both in publications and in scientific meetings.

Such an attempt to suppress findings of cryptologists was an impetus for a National Academy of Sciences panel headed by Cornell President Emeritus Dale R. Corson. The Panel on Scientific Communication and National Security warned in 1982 that tight controls on transfer of information, particularly to Soviet bloc countries, would "inhibit the free communication of scientific and technical information essential to our achievement."

Although the Corson panel suggested building "tall fences" around a selected few fields that are crucial to national security, a 1984 review by the National Research Council found the Reagan administration is attempting to enforce restrictions on a wider variety of research fields. A subsequent panel, also chaired by Corson—the Government-University-Industry Roundtable—has been established.

Holcomb, who is chairman of the same physics department that has been home to many prominent participants in the Manhattan Project, said he knows of no one interested in receiving SDI funding. He noted, however, that a dean or department head is not required to approve projects until the formal proposal stage is reached.

Much of the most outspoken criticism of

SDI comes from Cornell physicists. They include Nobel Laureate Hans Bethe; Kurt Gottfried, director of the Union of Concerned Scientists; and Peter Stein, founder of United Campuses to Prevent Nuclear War.

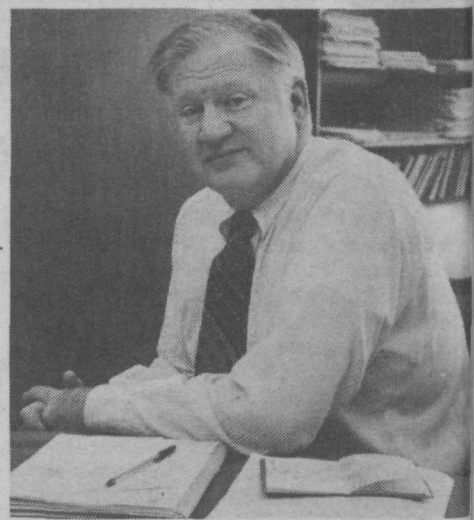
Other critics are Franklin A. Long, emeritus professor of chemistry and a prominent figure in the nation's armaments debate for two decades; Richard L. Garwin, the IBM physicist and Andrew Dickson White Professor-at-Large at Cornell; and astronomer Carl Sagan.

Sagan, at a Sept. 17 convocation on campus organized by the November 11th Committee, echoed the opposition expressed in a September Discover magazine article, where he debated the father of the hydrogen bomb, Edward Teller.

Cornell government professor R. Ned Lebow, writing in the summer 1985 issue of the Journal of International Affairs, called SDI "assured strategic stupidity." Instead of making the United States more secure, Lebow predicted, SDI "would set in motion a chain of events that would leave both superpowers considerably less secure. Deterrence would be weakened and crisis stability decreased, making the prospect of a war more likely."

A mixed reception is greeting SDI in some areas of engineering at Cornell, including electrical engineering. The director of that school, John Nation, estimates that between one-fifth and one-quarter of the faculty members have expressed some interest in receiving SDI contracts. Most of those likely to participate are concentrated in the areas of microwave and device physics and in the study of charged particle beams, Nation reported. He emphasized that not all faculty members in those areas are interested in SDI research, and that some have signed petitions vowing to refuse participation.

One faculty member actively seeking SDI



'SDI is simply one more source of funding.'

—Lester F. Eastman

funding is Lester F. Eastman, professor of electrical engineering. Eastman said SDI funding would allow the continuation of his research into high-frequency transistors that has been underway for nearly 10 years.

"Ours is all open research; SDI is simply one more source of funding," said the internationally noted expert in compound semiconductor devices.

Eastman has submitted a so-called "white paper," a brief, preliminary proposal in behalf of a consortium of engineers at Cornell General Electric, and the University of Massachusetts at Amherst. Although currently on a year's sabbatical, Eastman said he would return to Cornell early in 1986 if his group receives funding.

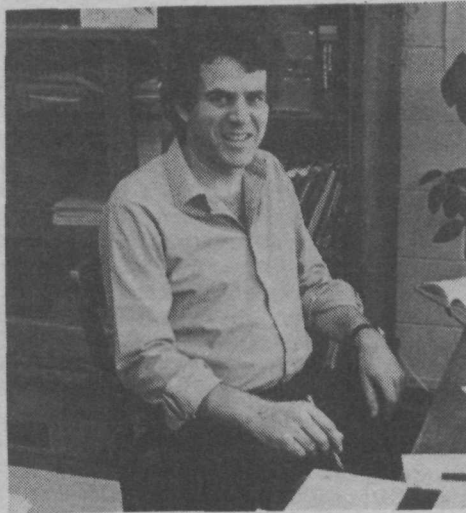
The high-frequency transistor funding would come from a portion of SDI known as the Innovative Science and Technology (IST) program. IST is intended to support the most fundamental and least secretive research—studies that can be conducted at universities such as Cornell where only open, unclassified research is permitted.

Eastman said his team is in competition with at least 10 others for the same funding. If selected, Cornell would be the prime contractor, with several professors involved, and would receive about half the funding with the balance split between General Electric and the University of Massachusetts.

SDI funding to the transistor program would impose no additional restrictions on researchers, including graduate students, Eastman said. He pointed out that it was his laboratory that refused the Air Force contract that would have restricted access of foreign students and researchers.

"The field of high-frequency transistors is one of the 'hot' areas of opportunity for Cornell graduates, with applications in the computer industry, satellite communications, radar and high-frequency navigation," Eastman noted.

"Electrical engineers pursue the limits in electronic devices for the same reason mountaineers seek higher peaks—because they're there."



'I pledge neither to solicit nor accept SDI funds'

—Zellman Warhaft

Text of Petition Circulated at Cornell Against Strategic Defense Initiative

"We, the undersigned members of Cornell's science and engineering faculty, believe that the Strategic Defense Initiative (SDI) program (commonly known as Star Wars) is unworkable and dangerous. Efforts to develop a system designed to shoot down nuclear missiles will only induce a build-up of offensive missiles by the Soviet Union, jeopardize existing arms control agreements, stalemate current strategic negotiations and, consequently, accelerate the nuclear arms race and undermine international security.

"Participation in SDI by individual Cornell researchers would lend Cornell's name to a program of dubious scientific validity, and give legitimacy to this program at a time when the involvement of prestigious research institutions is being sought to increase Congressional support. Researchers who oppose the SDI program yet choose to participate should therefore recognize that this would contribute to the political acceptance of SDI.

"The likelihood that SDI funding at Cornell would restrict academic freedom and blur the distinction between classified and unclassified research is greater than for other sources of funding. SDI officials openly concede that any successful unclassified project may become classified, and that principal investigators may be required to obtain security clearances. The structure of SDI research programs makes it likely that Cornell will be part of a Research Consortium with other universities and industries who will be doing classified research. Moreover, the potentially sensitive nature of the research may, despite efforts by Cornell to avoid contractual restrictions, invoke legal restrictions required by the Export Administration Act.

"The SDI program and its political acceptance depend crucially on the participation of individual scientists and engineers at all levels of research. As one step towards halting this dangerous program, we pledge neither to solicit nor accept SDI funds, and urge others to join us in this refusal."

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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.



'If the academic community is concerned, people in government will pay attention.'

—Joseph M. Ballantyne

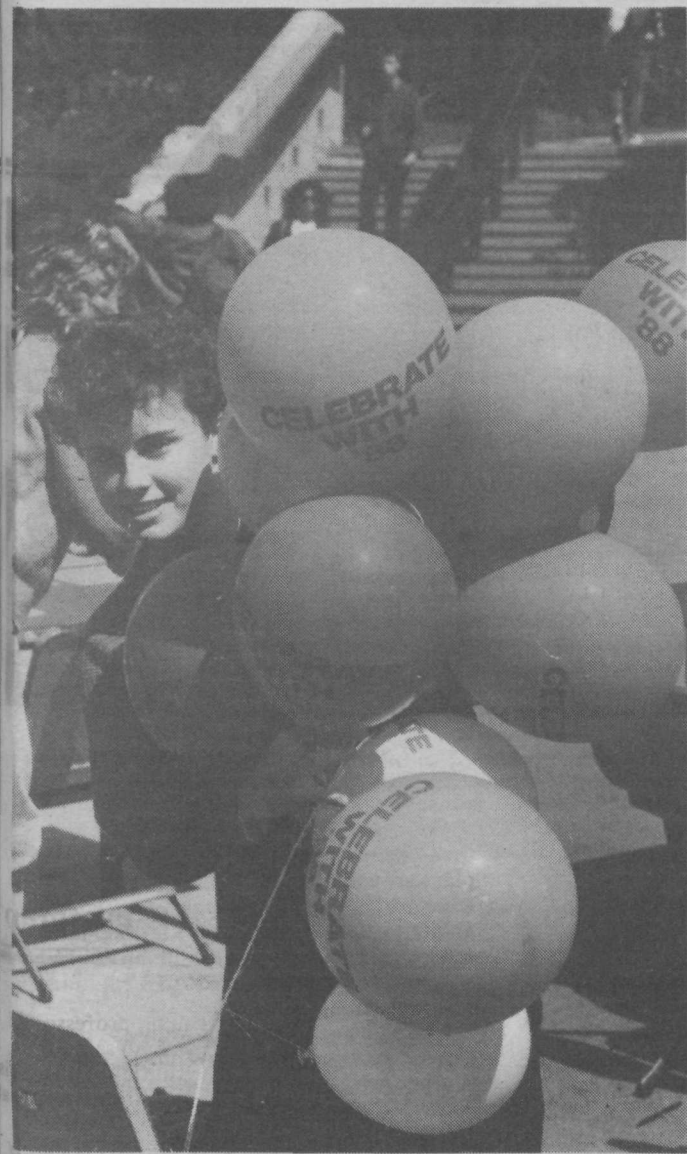
Text of Cornell University Guidelines On Sensitive and Proprietary Research

"Given the open nature of Cornell University, research projects which do not permit the free and open publication, presentation, or discussion of results are not acceptable. Nor will the university enter into any agreements unless the principal and co-principal investigators have the final authority on what is to be published or presented. In particular, research which is confidential to the sponsor or which is classified for security purposes is not permitted at Cornell University.

"The university will accept only sponsored research projects which are expected to further the research and educational mission of the institution. While a sponsor may delineate the areas of research to be supported, the principal and co-principal investigators must have final authority for decisions on the course of the research program within these limits. The principal and co-principal investigators must also have final authority regarding employment of personnel for the project. In particular, research subject to sponsor approval of personnel is not permitted at the university.

"Recognizing the equity due the sponsor in the support of the research, the university will permit the principal and co-principal investigators to agree to present manuscripts to the sponsor for advice and comment 30 days prior to submission for publication. Beyond the 30 days, delays of up to three months are acceptable on the basis of a formal request from the sponsor. The university will use its best efforts to abide by agreements involving delays in publication or presentation.

"While the results of all university research are open, principal and co-principal investigators may be given classified or proprietary information by a sponsor when such information would be useful background material to the research effort. Such information must be identified as such writing when transmitted and the conditions of its acceptance specified. The university will use its best efforts to prevent inadvertent disclosure of such information but cannot accept a legal responsibility for such disclosure."



Sophomore Liz Weill issues invitations by balloon.



The Uhuru Kuumba dance ensemble performs on the steps of the Straight.

Informania

Activities Fair at Willard Straight Hall



Cornell Roundup Club members are (from left) Kathy Foran '87, John O'Connor '86 and Christine Waag '87, and at right they lasso a "steer."



A variety of clubs and organizations set up tables to give information and recruit



PEOPLE

Maas to Be Adviser to Public Affairs Department



JAMES B. MAAS

James B. Maas, professor and chairman of the psychology department at Cornell, is joining the university's public affairs staff as a part-time adviser and consultant. The award-winning film maker is also a member of the graduate fields of communication arts and education at Cornell and the author of instructional texts and teaching aids.

One of his major responsibilities with public affairs will be to assist university development, alumni affairs, Cornell University Council, and the regional and college offices in planning and incorporating media-based presentations into their programs. Maas is currently working on a multi-media presentation to be used in kick-off events for the campaign for support of physical education and athletics. He also will be working with the Office of the Vice President and all public affairs units to improve training and orientation of staff and volunteers.

"I am delighted to have this opportunity to combine my work in media and my interest in communicating the tremendous strengths of the Cornell student body and faculty of Cornell to alumni and the broader public," Maas commented.

Richard M. Ramin, vice president for public affairs, stated, "Jim Maas' appointment to our department allows our staff and alumni to draw on his special expertise in a way that will be tremendously helpful to our work and to Cornell. We look forward to working with Jim."

During his tenure at Cornell, Maas has been one of the most popular and frequent faculty speakers at Cornell Club events across the country. He recently made his 91st appearance before a Cornell alumni audience and is planning to speak to six club groups in the coming year.

The first director of Cornell's Center for Improvement of Undergraduate Education, and the director of the psychology film unit, Maas received his B.A. (1960) from Williams College and his M.A. (1963) and Ph.D. (1966) degrees from Cornell. He teaches the introductory psychology course to 1,700 stu-

dents each year in Cornell's largest single lecture class; he also conducts research on innovative teaching methods and the effectiveness of media-based education programs.

One of 23 film awards received by Maas and his film unit was for "Cornell," an admissions film for which his group was named Audio Visual Department of the Year in 1981. They received that same recognition in 1980 and 1983.

More recently, the unit's film "Let's Build it Together" won first prize as the best public relations film in the 1985 Industrial Photography Film Festival. It also received the red ribbon in the citizen action film category at the 1985 American film Festival. "Let's Build it Together" documents a community volunteer project, the construction of a creative play structure dreamed up by elementary school students.

Oxford's Marshall to Lecture

Oxford University scholar Geoffrey Marshall, a leading authority on the British, American, and Canadian constitutions, will give a free public lecture here Tuesday, Sept. 24.

His topic will be "The Anglo-American Constitution and What it Means Today." He will speak at 4:30 p.m. in the Hollis E. Cornell Auditorium of Goldwin Smith Hall.

Marshall will be visiting Cornell Sept. 21 through Oct. 3 as an Andrew D. White Professor-at-Large. In addition to his lecture, he will meet with faculty and students from throughout the university.

Marshall will meet with students and faculty by appointment during his visit to campus. Appointments can be made through Robert S. Summers, the McRoberts Research Professor of Law, at 256-4975.

The author of numerous articles and reviews in his field, Marshall is also the author of five books. The most recent is "Constitutional Conventions: The rules and forms of political accountability," published in 1984 by Oxford: Clarendon Press.

A review of the book in The Times Literary Supplement by Professor H. W. R. Wade of Cambridge University states: Geoffrey Marshall is well known as a constitutional expert and amateur lawyer (no disparagement intended) who explores the political side of the constitution more thoroughly than lawyers do and who nevertheless can handle the legal material.

"Constitutional conventions are therefore a subject well suited to his talents, since they lie just outside the sphere of technical law, yet they are the essential ligaments which hold together the ancient and ramshackle le-



GEOFFREY MARSHALL

gal structure of the British constitution."

Marshall has been a fellow of The Queens College, Oxford, since 1957, where he is also a tutor in politics and public law. He is a member of the British Academy and chairman of its public law. He is a member of the British Academy and chairman of its Politics Section.

Born in 1929, he is a graduate of Arnold School, Blackpool, and holds an M.A. from Manchester University and a Ph.D. from Glasgow University.

Jorden Wins High Japanese Prize

Eleanor H. Jorden, the Mary Donlon Alger Professor of Linguistics, is the 1985 recipient of a Japan Foundation Award, which is given in recognition of her "outstanding contributions to cultural exchange and mutual understanding between Japan and other countries."

The award carries with it a prize of 5 million yen (around \$20,000) and will be pre-

sented at the beginning of October in Tokyo.

The awards, said the Japan Foundation, not only recognize past achievements but are given "to encourage the recipients in future endeavors."

Last spring Jorden received the "Order of the Precious Crown," awarded by the Emperor of Japan in recognition of her contributions to Japanese language teaching.

Lovasz Gets Engineering Chair

Hungarian mathematician Laszlo Lovasz has been named the Mary Shepard B. Upson Visiting Professor of Engineering for 1985-86 at Cornell.

Lovasz is teaching in Cornell's School of Operations Research and Industrial Engineering while continuing his research in the areas of combinatorial mathematics, computer sciences, information theory, and operations research. He is the author of more than 100 articles and three books in these areas.

The Upson chair was established in 1966 through the bequest of the widow of the late Maxwell Upson, an 1899 graduate of Cornell and member of the Board of Trustees for 35 years. Upson Hall on the Engineering quad-range was named in his honor.

A member of the Hungarian Academy of Science, Lovasz is also an Andrew Dickson

White Professor-at-Large at Cornell. Lovasz was named to one of the prestigious White professorships in 1981, for a six-year term.

Lovasz was on the faculty of the University of Szeged in Hungary from 1975 to 1982 and has been on the faculty of the University of Budapest since 1982. He received his doctorate from the University of Budapest in 1971.

In 1979, he was awarded the George Polya Prize for Applied Combinatorics from the Society for Industrial and Applied Mathematics. He was the first sole recipient of the prize, which is traditionally shared by several persons.

He has served as chairman of the geometry department at Szeged and is currently head of the computer science department at Budapest. He is also editor-in-chief and founder of the journal Combinatorica, and is an associate editor of several other journals.

Robinson Gets Apicultural Society Prize

Gene E. Robinson, a Ph.D. student in the Department of Entomology in the State College of Agriculture and Life Sciences, is the recipient of the 1985 Eastern Apicultural Society Student Award.

The award goes annually to a student who has demonstrated excellence in research, teaching, and extension in apiculture and cul-

ture of honey bees. The award consists of a certificate and \$100.

Earlier this year, Robinson won first prize for writing a popular science article in the Fierste Memorial Contest, administered by Sigma Xi, Cornell's honorary research society.

Gillette Gets Phi Kappa Phi Award

Aaron K. Gillette, a graduate student in biochemistry at Cornell University, has been awarded a \$6,000 fellowship by the Honor Society of Phi Kappa Phi.

Gillette was one of 50 students selected for a fellowship from 172 of the nation's outstanding college graduates. He was graduated with a B.S. degree in biology earlier this year from Western Carolina University.

George H. Meeker has been appointed director of risk management and insurance. He will oversee the purchase of liability, property, athletics, automobile, travel, malpractice, crime, surety, and marine insurances for the university, including its operations in New York City, Maine, and Puerto Rico. In addition, Meeker will be responsible for the identification and measurement of various areas of risk of loss to university assets, and for the analysis of loss trends and remedial action needed to reduce adverse loss experience. Prior to starting work with Cornell, Meeker was an insurance adjuster and loss control specialist with Gallagher Bassett of New York, Inc., and its Syracuse branch manager.

Phi Kappa Phi is a national scholastic honor society with headquarters on the campus of Louisiana State University and chapters at 240 colleges and universities. Founded in 1897 to recognize academic excellence in all disciplines, Phi Kappa Phi established its fellowship program in 1932. Since then it has honored more than 750 scholars with awards.

Humanities Society Names Fellows

Two senior and six junior fellows will study at the Society for the Humanities during the 1985-86 academic year.

The eight fellows will conduct research and hold seminars for undergraduate and graduate students and faculty members, according to Jonathan Culler, director of the Society for the Humanities and the Class of 1916 Professor of English.

The society was founded in 1966 as a special program to encourage and support imaginative teaching and research in the humanities. It is located in the Andrew D. White on campus.

The senior fellows for fall 1985 are:

— Giovanni Pettinato, professor of Assyriology at the University of Rome and an authority on relations among cultures in the ancient Near East;

— Wole Soyinka of Nigeria, a playwright, director, novelist, critic, poet, teacher, and political activist. Soyinka's book, "The Man Died," is based on his two years as a political prisoner during the Nigerian civil war.

The junior fellows for 1985-86 are:

— Anthony Appiah, assistant professor of philosophy and Afro-American studies at Yale University;

— Philip Bohlman, an assistant professor at the University of Illinois at Chicago who specializes in Middle Eastern and European-American folk music.

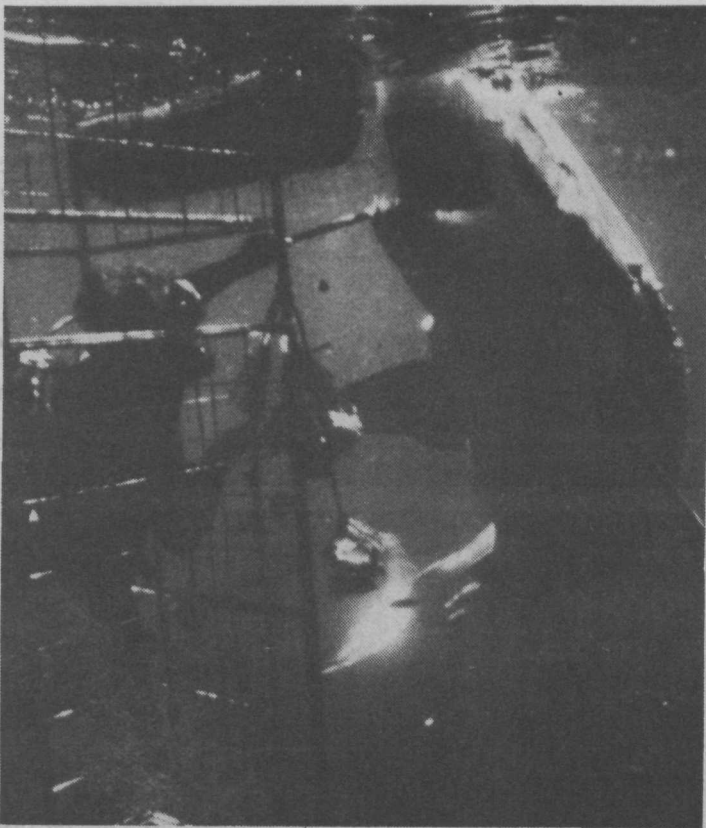
— Barbara Harlow, assistant professor of English at the University of Texas at Austin, and a specialist on Third World literature;

— Uday Mehta, a specialist in British and Indian liberalism who was a lecturer in political theory at Princeton University during 1984-85.

— F. Jamil Ragep, assistant professor of the history of science at Harvard University in 1984-85 and a specialist in Arabic science and the history of astronomy;

— Alan Wolfe, an assistant professor of Japanese at the University of Oregon and visiting professor in Asian studies at Cornell in 1984-85.

Each senior fellow will give a public lecture at a time to be announced.



John McCosker, director of San Francisco's Steinhart Aquarium, implants a telemetric device in 17-foot great white shark during recent studies at Dangerous Reef, Australia.

Great White Shark, the 'Jaws' Type, Topic of Illustrated Talk

The Shoals Marine Lab and Cornell Marine Programs Office will sponsor a public lecture on the great white shark entitled "Great White Hope" at 7:30 p.m. Wednesday, Sept. 25, in Auditorium D of Goldwin Smith Hall.

The lecture, illustrated with slides and films, will be by John McCosker, director of the Steinhart Aquarium, part of the California Academy of Sciences in San Francisco.

The great white shark, the shark responsible for the vast majority of attacks on humans in temperate seas, was popularized by the movie "Jaws" and was the subject of a recent NOVA special on PBS. Working from an underwater cage, McCosker pro-

vided much of the film footage for this TV show.

Despite its danger to swimmers, biologists understand very little about the great white shark due to its rarity, nasty disposition and inability to exist in captivity. In his lecture, McCosker will explain what is known about the shark's attack behavior, feeding habits and biology, and the latest information on improving the success of keeping these sharks alive in captivity for scientific study.

McCosker has spent 10 years studying and filming the great white shark in California and Australia. He is the author of more than 100 popular and scientific articles and books.

The lecture is free and open to the public.

Athletic Hall of Fame To Induct 21 Sept. 27

Seven members of the 1957 undefeated Cornell heavyweight crew are among the 21 persons who will be inducted into the Cornell University Athletic Hall of Fame at formal ceremonies at the eighth annual banquet on Friday evening, Sept. 27, at Barton Hall. The Hall of Fame now has 201 members.

The seven crew members join boatmates, stroke Philip Gravink and commodore and No. 6 seat Clayton Chapman, who were inducted into the Hall in 1978 and 1982, respectively. The new inductees are John Van Horn, Robert Staley, David Davis, Todd Simpson, William Schumacher, George Ford and Carl Schwarz. The 1957 all-senior boat won the Grand Challenge Cup at the Henley Royal Regatta after capturing a third straight IRA title and a second consecutive Eastern Sprint championship.

Fourteen sports and the coaching and communications professions are represented by this year's inductees.

Three Olympians on the list are Jon Anderson '71, winner of the Boston Marathon in 1973 and a member of the 1972 U.S. Olympic team; the late Ivan Dresser '19, who ran cross country and track at Cornell before winning a gold medal at the 1920 Olympic Games as a member of the 3,000-meter relay team; and Peter Pfitzinger '79, who won the 1984 U.S. Olympic Marathon Trials and then placed 11th at the '84 Games, the highest finish by an American in the race.

Bob Henrickson '78, who was a two-time lacrosse All-American, was named the outstanding Division I midfielder as a senior. He also played two years on the varsity football team. The third All-America inductee is Howard Ortner '19, who earned this honor in basketball in 1917.

Brian Cropper '71, a hockey goalie who

compiled the best record (29-0) ever for a collegiate season, represents the men skaters on the list; while Barbara Peterson Champion '75, a defenseman and a member of the women's crew who also participated in field hockey and tennis, and Cyndy Schlaepfer '78, a record-setting center who also played lacrosse, are icewomen inductees.

Former football players selected were Frank (Moose) Miller '51, an excellent half-back on two Ivy championship teams (1948-49); the late Floyd Ramsey '24, a member of the great backfield that led the 1921-22-23 teams to a 24-0 record; and Frederic West '41, who played both ways at tackle on squads that lost just three games in as many seasons, and who was also a fine weightman in track.

Dirk Dugan '72, the 1970 and 1971 Eastern Intercollegiate Tennis League singles champion, was also selected to the Hall of Fame. Taken from the coaching ranks, in addition to Ortner, was the late Scotty Little, head coach of Big Red swimming from 1935-66 and director of intramural sports from 1947-74. His mermen were undefeated in 27 straight dual meets from 1943-47.

Also elected was Dick Schaap '55, a goaltender on the lacrosse team who has become famous in the communications world as an author and sports reporter, currently with ABC-TV.

The Cornell Athletic Hall of Fame was conceived in 1978 by former athletic director Dick Schultz and the late Ellis H. Robison '18. It was Robison's gift to the university in 1978 that resulted in the construction of the Robison Hall of Fame Room that houses the induction plaques and Hall of Fame memorabilia in Schoellkopf Hall.

Cornell Scientists Discover Ways To Convert 'Pomace' into Energy

Help is on the way from Cornell to convert the nation's apple industry's number one unwanted byproduct, "pomace," into useful energy and fertilizer.

When juice is extracted from apples, what's left is crushed apple pulp, or pomace — a useless waste material that causes nothing but headaches for apple processors throughout the country.

Nationwide, nearly 1.5 million tons of pomace are produced each year, with the cost of disposing of this waste material exceeding \$10 million. Landfills have been the major site for disposal, but some communities have banned its disposal because of its potential to contaminate the environment.

Spurred by the predicament facing apple processors, Cornell agricultural engineer William J. Jewell and his colleagues have found a solution to the problem. His idea is to extract methane, or natural gas, from pomace. After yielding energy, the material can be used as a fertilizer or dried to produce a humus-like product useful for orchards or home gardens.

The nation's annual apple crop, produced in many parts of the country, has averaged 193 million bushels during the 1981-84 period, with Washington state topping the nation in apple production, followed by New York state.

Pomace turns into a "pickled slurry" all by itself — a product as acidic as vinegar. As a result, bacteria that break down organic waste materials in landfills are often wiped out. Since it has little fertilizer value, the untreated pomace is useless for orchards.

"Although numerous efforts have been made to minimize the disposal problem of pomace, little progress had been achieved previously," said Jewell, a professor of agricultural engineering in the State College of Agriculture and Life Sciences at Cornell.

"Disposal problems are particularly acute for the small producers who are finding it increasingly difficult to dispose of the material in existing sanitary landfills in their communities," he said.

Known nationally for his earlier work on methane production from animal wastes using a low-cost "digester," Jewell has demonstrated the feasibility of producing energy from apple pomace through a series of experiments conducted at Cornell over the past several years.

Methane can be used for a variety of purposes, such as space heating, cooking, hot water production, and even electrical generation, to cite just a few examples.

The system tested in his experiments is called "anaerobic digestion," one that uses

bacteria that thrive in the absence of air or oxygen.

Now ready for adoption by apple processors, the Cornell system can be scaled to suit any size of operation, Jewell said. More than 500 apple processing plants of all sizes are in operation throughout the country.

"The gross energy value of pomace is more than double the disposal cost (of \$10 million)," Jewell said. "One ton of wet pomace contains an energy value of \$10 to \$30 when processed by the Cornell system."

With nearly 1.5 million metric tons of pomace produced annually in the country, the total value of energy, if all of this material is processed, would amount to \$15 million to \$45 million, Jewell estimates.

Describing the system as simple in design, efficient, and reliable in operation, Cornell's Jewell says that his pomace "digester" can be operated whenever the waste product is produced, seasonally or otherwise.

Besides energy production, the system has other advantages. For example, about 40 percent of the pomace that goes through the digester disappears, resulting in lesser amounts of the material to be disposed of by producers. That reduces the cost of hauling the material.

Better yet, what comes out of the digester is odorless, and it can be spread on orchards as a fertilizer.

"Flies or other noxious insects won't be able to breed on the material," Jewell said. "The high temperature of the digester destroys all known parasites and disease-causing microorganisms harmful to fruit trees."

Another way of using the material is to dry it with a low-cost drying process developed by Jewell's research team. Called "bio-drying," the process also relies on heat-loving bacteria that generate enough heat to dry the slurry in a matter of days.

"The result is a dry material useful as a soil conditioner for use in home gardens," Jewell said.

Both systems are ready for commercial adoption by apple processors in the United States. Several apple processors in New York state already have shown their interest in adopting the system, Jewell says.

Suicide Prevention and Crisis Service Fundraiser Sept. 28

An evening of entertainment to raise funds for the Suicide Prevention and Crisis Service, a county-wide program that originated at Cornell, will be held at the Hangar Theater at 8 p.m. Saturday, Sept. 28.

Titled "An Elegant Party," the annual event will include music, dance, song, comedy, and story-telling by area artists. There will also be a performance by musician Larry Watson, former assistant dean of Cornell's College of Arts and Sciences, who is now an administrator at Harvard University.

General admission tickets are \$15 and reserved seats \$20, and are available at McBooks and at the Corner Book Store in downtown Ithaca. Tickets will be sold at the door. Reserved seats also may be purchased by calling 272-1505.

The program will include the Cascadilla Wind Quintet, I Quasi Musici, Diane Ouckama, Greg Bostwick, Toni Russo, the Ithaca Ballet, Carole Skinner, and Rosalind Feinstein.

There will be champagne and hors d'oeuvres during intermission.

The suicide prevention program was established in 1969 at the suggestion of two Cor-

nell students who broached the idea with local clergyman Jack Lewis, then director of Cornell United Religious Work.

The 24-hour service has continued to grow and develop new programs. Today the agency is staffed by 80 community volunteers, including many Cornell faculty, staff, and students. In 1984, nearly 6,000 calls were made to SPCS.

The program provides services to troubled adolescents, victims of domestic violence and rape, and families that have suffered a suicide; community education and training programs; a hospital volunteer program for suicidal patients; and emergency teams to respond to people in crisis who need face-to-face intervention.

SPCS is funded by the New York State Department of Mental Hygiene and the Division for Youth on a matching funds basis. The local share is contributed by Cornell, the United Way, Cornell Campus Chest, the Service League of Tompkins County, private individuals, and the annual benefit.

Persons interested in volunteer work with the SPCS should contact Nina Miller, director, at 272-1505.

Expanding Cinema Returns to Museum With Most Ambitious Fall Schedule to Date

The expanding Cinema returns to the Herbert F. Johnson Museum of Art this fall with its most ambitious schedule yet, making it one of the country's most extensive surveys of experimental film and video works. For the first time in its four-year history, Expanding Cinema programs will be shown throughout the academic year, every Sunday at 2 p.m. in the museum's Lecture Room. Guest film and video artists, lecturers, and critics will be featured regularly.

The topics of this year's programs are wide ranging: "Visual Music" (Sept. 1 through Oct. 6) focuses on the artistic origins of rock videos. "New York City (Oct. 13 and 20) complements the museum exhibition of paintings by contemporary New York City folk artist Ralph Fasanella. "Art and Filmmaking: A Tribute to the Arts Council of Great Britain" (Oct. 27 - Nov. 24) presents unusual art documentaries produced by

this agency.

Eleven award-winning independent documentaries will be screened during "The Global Village Documentary Festival" (Dec. 1 - 15). Feminist responses to pornography, contemporary Polish media, and videos by regional artists are only a few of the topics that will be featured this spring.

"Expanding Cinema brings important works by independent artists to this area," said Richard Herskowitz, director of Cornell Cinema. "These film and video makers deserve wide exposure, but rarely receive it because their work doesn't fit in most commercial outlets. Viewers will be able to see filmmaking at its most vibrant, before the mainstream media has a chance to co-opt its innovations."

The Expanding Cinema is a joint program of Cornell Cinema and the Johnson Museum.

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

On behalf of Empathy, Assistance and Referral Service, fondly known as E.A.R.S., We are happy to announce that we have recently expanded our hours. Friday hours have been extended from 7-11 p.m. to 5-11 p.m. Our regular hours Sunday through Thursday, 3-11 p.m. and Saturday, 7-11 p.m. continue unchanged. E.A.R.S. provides short-term peer counseling on a walk-in as well as telephone basis; we are located in Willard Straight Hall, room 211, and our phone number is 256-EARS. All services are free and completely confidential. As ever, E.A.R.S. counselors look forward to being of support to all members of the Cornell community.

Cornell Toastmasters

Do you have a stage fright when speaking before an audience, or are you planning to speak before your committee or organization? Or would you like to meet new and different people? Then Toastmasters is for you. Toastmasters is a professional organization whose goal is to help its members become comfortable and able in public speaking and dealing with large groups of individuals. If you are interested in joining a professional speaking club, then come and participate with the Cornell Toastmasters. First and Third Tuesdays at 5:30 p.m. in 135 Emerson Hall. Contact Rafael at 257-7669 for details.

Alternatives Library

Alternatives Library is open to the public. Wide range of materials on spirituality and self-growth. Anabel Taylor Hall. The Library has a large selection of books, periodicals, and tapes available on many religions and religion alternatives. World hunger should concern everyone. Learn more at the Alternatives Library. Open to the public.

Every Thursday

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

Gay Jews Support Group

A support group for gay Jews is being formed, to share and explore related concerns and conflicts, possible ways to confront them, exchange religious and cultural context material. If interested in taking part, please call GayPac, 256-6482. Confidentiality ensured.

The Personal Effectiveness Seminar

This eight week program with Let Davidson, Ph.D., empowers you to make life work. Build self-awareness and self-confidence, integrity, commitment, creativity, vitality, relaxation, peace of mind. Define and accomplish your life goals. Meets eight Thursdays, 7-10 p.m., begins September 19. Call 272-4131.

Physical Science Library Tours

Tours of the Physical Science Library will be given on the following days:

Thurs., Sept. 19-8 a.m. & 3 p.m.

Fri., Sept. 20-9 a.m. & 3 p.m.

Mon., Sept. 23-10 a.m. & 4 p.m.

Tues., Sept. 24-11 a.m. & 4 p.m.

Interested persons should meet in room 283 of the Physical Sciences Library, Clark Hall.

Campus Club Fall Tea

The Campus Club of Cornell University will hold its annual Fall Tea on Thurs., Sept. 19, in the Robert Purcell Union Lounge from 12 noon to 2 p.m. to welcome newcomers and for activity group sign-ups for the 1985-86 year. All women connected with Cornell are eligible for membership, including women who are employed at Cornell or whose husbands are employed there, graduate student women and wives of graduate student. For further information about Campus Club activities, call Dawn Kimberly, Activity Chairman, at 257-4086.

Suicide Prevention and Crisis Service Benefit An Elegant Party. An evening of music, dance, comedy performances by leading area artists, including return-to-Ithaca performance by Larry Watson; champagne reception during intermission. Tickets may be purchased at McBooks or Corner Bookstore, or at the door. Saturday, September 28, 8:15 p.m. at the Hangar Theatre.

Intramural Sailing (Men, Women, Co-ed)

Deadline on entries is Monday, Sept. 23 at 4 p.m. in the Intramural Office, Helen Newman Hall. Minimum of 2 to enter. Skipper and crew. Team consists of 2 people. A back-up crew may be registered. Sponsored by the Cornell Varsity Sailing Team. Races will be sailed in the 420's. Date of race: Sat. & Sun., Sept. 28 & 29. You must attend the meeting (both Skipper and Crew) held on Fri., Sept. 27 at 4:50 p.m. in Helen Newman Lounge. You will not be allowed to participate if you do not attend this meeting. Time of race, rules, location, etc. will be discussed at this meeting. Entry fee: \$10 per team, due with your roster to enter. Checks only, payable to Dept. of P.E. & Ath., Intra. Div.

Intramural Broomstick Polo

(Men, Women, Co-ed) Mixed Open. Deadline on entries is Tuesday, Sept. 24 at 4 p.m. in the In-

tramural Office, Helen Newman Hall. Schedules will not be mailed-check in the IM Office, Helen Newman Hall. Minimum of 5 to enter - 3 constitutes a team. One team per organization. Due to the fact that entries are limited, entries will be accepted on a first come, first serve basis until the deadline. There will be a fee of \$20 per team due with your roster to enter. Checks only, payable to Dept. of P.E. & Ath., Intra. Div.

Extramural Courses

Last day to register and add or drop course is September 20.

Writing Workshop

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

Monday

Sept. 23, 3-5 p.m. Cornell Campus Store. Sander Gilman, Professor of Humane Studies in the Dept. of German Literature and Near Eastern Studies as well as Professor of the History of Psychiatry at the Cornell Medical College, will be on hand to autograph copies of his new book DIFFERENCE AND PATHOLOGY; STEREOTYPES OF SEXUALITY, RACE, AND MADNESS. This event sponsored by Cornell University Press and the Cornell Campus Store. Open to the public.

Dance

Cornell Folkdancers

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

Israeli Folk Dancing

Dancing will be held on Thursdays evenings at 8 p.m. in the One World Room of Anabel Taylor Hall. Beginners and experienced dancers welcome.

Cornell Jitterbug Club

The Club will meet on Wednesday, Sept. 25, from 9-11 p.m. in the Edwards Room, Anabel Taylor Hall. Everyone is welcome. We teach beginners from 9-10 p.m. For more information call Jim Krebs at 256-5034.

Jazz Exercise

Adult Jazz Exercise Dance Class. Tuesdays and or Thursdays, 7-8 p.m. Call 256-4231 mornings, or 257-5677 for further information.

Exhibits

Herbert F. Johnson Museum of Art

"Cornell University Art Department Faculty Exhibition, through Oct. 20. "Urban Visions: The Paintings of Ralph Fasanella" Sept. 11-Nov. 10. The Herbert F. Johnson Museum of Art, located at the corner of Central and University Avenues, is open Tuesday through Sunday, from 10 a.m.-5 p.m. The Expanding Cinema returns to the Museum this fall with its most ambitious schedule yet, making it one of the country's most extensive surveys of experimental film and video works. Expanding Cinema programs will be shown throughout the academic year, every Sunday at 2 p.m. in the museum's Lecture Room. Guest film and video artists, lecturers, and critics will be featured regularly. The Expanding Cinema is a joint program of Cornell Cinema and the Johnson Museum. All programs are free and open to the public.

The Herbert F. Johnson Museum of Art, located at the corner of University and Central Avenues on the Cornell campus, is open Tuesday through Sunday from 10:30 a.m. to 5 p.m. Admission is free.

Films

Unless otherwise noted films are sponsored by Cornell Cinema.

Thursday

Sept. 19, 12:20 p.m. Warren Hall room 32. Rural Sociology 104 Proseminar: Issues and Policies in Rural Sociology. II. Global issues: Hunger and Poverty. "When the Alms Giving Stops" focuses on Bangladesh to examine the causes of hunger. What are the primary causes: weather and poor crops, or inequitable distribution of food-producing resources.

Friday

Sept. 20, 7:30 p.m. *Statler. "The Elephant Man" (1980), directed by David Lynch, with Anthony Hopkins and John Hurt.

Sept. 20, 10 p.m. *Uris Hall Auditorium. "A Sunday in the Country" (1984), directed by Bertrand Tavernier, with Louis Tavernier, with Louis Ducreux and Sabine Azema.

Sept. 20, 10:15 p.m. *Statler. "Witness" (1985), directed by Peter Weir, with Harrison Ford and Kelly McGillis.

Saturday

Sept. 21, 7:30 p.m. *Statler. "Witness" (1985). Sept. 21, 8 & 10 p.m. *Uris Hall Auditorium. "A Sunday in the Country" (1984).

Sept. 21, 10 p.m. *Statler. "Cabaret" (1972), directed by Bob Fosse, with Liza Minnelli and Joel Grey.

Sunday

Sept. 22, 2 p.m. Johnson Museum. Music Video Compilation. Expanding Cinema/Visual Music Series, directed by Brian Eno, Laurie Anderson, David Byrne, etc.

Sept. 22, 8 p.m. *Uris Hall Auditorium. "Suspicion" (1941), Cary Grant Series, directed by Alfred Hitchcock, with Joan Fontaine and Cary Grant. Co-sponsored by CCPA.

Monday

Sept. 23, 7 p.m. *Uris Hall Auditorium. "The 39 Steps" (1935), directed by Alfred Hitchcock, with Robert Donat and Madeleine Carroll. Co-sponsored by English Department.

Sept. 23, 9 p.m. *Uris Hall Auditorium. "Bye Bye Brazil" (1980), directed by Carlos Diegues, with Jose Wilker and Betty Faria. Film Club Members only.

Tuesday

Sept. 24, 4:30 p.m. Uris Library Media Center, Room 310. Southeast Asia Film Series: "Miao Year." Traces the annual cycle of a group of swidden cultivators in northern Thailand. The Miao or Hmong peoples shown in the film grow opium as a cash crop and the film captures various facets of a shifting cultivation regime.

Sept. 24, 8 p.m. *Uris Hall Auditorium. "Diaries" (1980), Autobiography Series, directed by Ed Pincus, documentary.

Wednesday

Sept. 25, 4:30 p.m. Uris Hall Auditorium. "Alexandria ... Why?" (1979), directed by Yusif Shaheen. Co-sponsored by Camel Breeders. Free.

Sept. 25, 8 p.m. *Uris Hall Auditorium. "The King of Comedy" (1982), directed by Martin Scorsese, with Robert DeNiro and Jerry Lewis.

Thursday

Sept. 26, 12:20 p.m. Warren Hall 32. Rural Sociology 104 Proseminar: Issues & Policies in Rural Sociology. "Tragedy of the Commons" Presents controversial views on population growth and on the dominance of the human species over nature.

Sept. 26, 8 p.m. *Uris Hall Auditorium. "Clementine Tango" French-American Film Workshop Series, directed by Caroline Roboh. Shown with "Order in the Happy Medium" and "The Guest." Free. Co-sponsored by Ithaca College.

Friday

Sept. 27, 7:30 p.m. *Statler Auditorium. "Galipoli" (1981), directed by Peter Weir, with Mel Gibson and Mark Lee.

Sept. 27, 10 p.m. *Uris Hall Auditorium. "Swann in Love" (1984), directed by Volker Schlöndorff, with Jeremy Irons and Ornella Muti.

Sept. 27, 10:30 p.m. *Statler Auditorium. "Beverly Hills Cop" (1984), directed by Martin Brest, with Eddie Murphy and Lisa Eilbacher.

Saturday

Sept. 28, 7:30 p.m. *Uris Hall Auditorium. "Swann in Love." Sept. 28, 8 p.m. *Statler. "Beverly Hills Cop."

Sept. 28, 10 p.m. *Uris Hall Auditorium. "Animated Films from Poland" directed by Zbigniew Rybicki. Films presented by Rybicki.

Sept. 28, 10:15 p.m. *Statler. "Midnight Express" (1978), directed by Alan Parker, with Brad Davis and Randy Quaid.

Sunday

Sept. 29, 2 p.m. Johnson Museum. Zbigniew Rybicki presents Rock Videos. Free and open.

Sept. 29, 8 p.m. *Uris Hall Auditorium. "Charade" (1963), Cary Grant Series, directed by Stanley Donen, with Cary Grant and Audrey Hepburn.

Lectures

Thursday

Sept. 19, 12:20 p.m. 102 West Ave. Ext. Southeast Asia Program: "Agriculture in Malaysia," Philip Courtenay, Professor of Geography, James Cook University of North Queensland, Visiting Professor, Fellow SEAP.

Sept. 19, 4 p.m. Goldwin Smith Hollis Cornell Auditorium. "Good Work: Finding and Keeping a Useful Job." Sponsored by Student Pugwash of Cornell.

Sept. 19, 7:30 p.m. Goldwin Smith Hollis Cornell Auditorium. "A Matter of Fat: The Theory and Practice of Weight Control," William I. Bennett, M.D., editor of the Harvard Medical School Health Letter. Sponsored by the Western Societies Program and cosponsored by Women's Studies and the Division of Nutritional Sciences.

Tuesday

Sept. 24, 4:30 p.m. College of Veterinary Medicine, James Law Auditorium. 1985-86 James Law Distinguished Lecturer Series: "The Contributions of Animal Studies to Our Understanding of Fetal Development and Parturition," G.C. Liggins, M.D., F.R.S., Professor of Obstetrics and Gynecology, Postgraduate School of Obstetrics and Gynecology, Auckland University, New Zealand.

Wednesday

Sept. 25, 4:30 p.m. Thurston Hall 205. College of Engineering Guest Lecturer Series: Multiple Bifurcation Problems," John Guckenheimer, Professor of Mathematics, Cornell.

Sept. 25, 7:30 p.m. Anabel Taylor One World Room. America and World Community: "Human Transformation and World Community," David Let Davidson, former Professor of History and Director of Transformation Workshops.

Thursday

Sept. 26, 12:20 p.m. 102 West Ave. Ext. Southeast Asia Program Lecture: "The Development of Contemporary Indonesian Visual Arts," Sudarmaji, Director, Museum of Visual Arts in Jakarta and Chairman of Jakarta Arts Council.

Sept. 26, 8:15 p.m. Anabel Taylor Founders Room. Cornell Graduate Christian Forum: "The Problem of Evil," Eleonore Stump, professor at Virginia Polytech Institute and State University.

Friday

Sept. 27, 12:15-1:30 p.m. Africana Studies and Research Center, Hoyt W. Fuller Room. Africana Round Table hosted by The Africana Studies and Research Center: "And Miles to Go Before We Sleep: Social Policy, Equality and Black American Women in the United Nations 'Decade,'" Josephine Allen, Human Service Studies.

Music

Two Weekend Events Planned

A string quartet program and a song recital will be offered by the Cornell Music Department at Barnes Hall during the weekend of Sept. 20-22. The Queens String Quartet will appear at 8:15 p.m. Friday, Sept. 20; Kathryn LaBouff, soprano, and Edward Murray, piano, will perform at 4 p.m. Sunday, Sept. 22. Both concerts are free and

September 1985													
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open to the public.

The Queens Quartet will play Mozart's Quartet in C. K. 465, "The Dissonant"; Shostakovich's String Quartet No. 8, Opus 110, written "in memory of the victims of fascism and war"; and Dvorak's Quartet in E-flat, Opus 51. Consisting of Julie Supplee and Lisa Tipton, violins, Deborah Judd, viola, and Deborah Assael, cello, the performers are artists-in-residence at The Aaron Copland School of Music, Queens College, New York. Supplee is a graduate of Ithaca College. Tipton completed her undergraduate training at Cornell University. Judd and Assael received bachelors degrees from the Juilliard School of Music and Queens College, respectively. Judd also earned a Master of Music degree at Juilliard, while the other three completed their graduate work at Queens.

Founded in 1982, the quartet has participated in the Yale Summer School of Music and Art, Kneisel Hall Chamber Music School in Blue Hill, Maine, and the Cleveland Chamber Music Seminar. Winning the American Artists International Musicians Auditions in 1984 earned them a New York debut at Carnegie Recital Hall last spring.

LaBouff and Murray will open their Sunday afternoon program with "Se pietà di me non senti," from Handel's "Giulio Cesare." They will perform groups of songs by Faure, Mendelssohn and Nordoff, and a song cycle by Respighi, Deita Silvane. Rolfe Sokol will be assisting violinist.

LaBouff studied at the University of Michigan, culminating in a D.M.A. degree. Further studies include the Conservatory of Santa Cecilia and Tito Gobbi Opera Workshop in Italy, and American Institute of Musical Studies at Graz, Austria. She was a finalist in the 1981 Metropolitan Opera Regional Auditions. A Rotary International Award enabled her to study operatic roles for two years with Luigi Ricci in Rome. She has been soloist with the U.S. State Department Choir on tour in Eastern Europe, and has appeared with the Las Palma Opera Festival, Canary Islands, and in Ithaca with the Ithaca Opera and Cayuga Chamber Orchestra. She is currently studying voice with Doris Yarrick-Cross in New York. Formerly a member of the voice faculty at Ithaca College and vocal coach at Cornell, she is now on the music faculties of Yale University and Manhattan School of Music.

Edward Murray is a well known member of the Cornell music faculty and director of the University Orchestras. For the past several years he has served as musical director for the Ithaca Opera Association. A versatile pianist, he has appeared as a soloist, in chamber music concerts and in recitals with other artists, jazz as well as classical.

Friday

Sept. 20, 8:15 p.m. Barnes Hall. Queens String Quartet. Works of Mazart, Shostakovich, Dvorak.

Saturday

Sept. 21, 8:30 p.m. *Goldwin Smith Kaufman Auditorium. Louis Killen, a British folk singer whose repertoire includes traditional and industrial ballads, sea songs and comic monologues in the Northumbrian dialect. Sponsored by Cornell Folk Song Club.

Sunday

Sept. 22, 4 p.m. Barnes Hall. Song Recital: Kathryn LaBouff, soprano; Edward Murray, piano. Works of Handel, Faure, Respighi, Mendelssohn.

Sept. 22, 8-11 p.m. Anabel Taylor Commons Coffeehouse. Bound for Glory presents Mac Benford and his Old Time Band. The area's outstanding old time banjo player teams up with long-time friends for an exciting evening.

Religious Services

Catholic

Every Saturday, 5:00 p.m. Anabel Taylor Auditorium. Mass.

Every Sunday, 9:30, 11 a.m., 5 p.m. Anabel Taylor Auditorium. Mass.

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

Sat., 3-4 p.m. Anabel Taylor G-24. Sacrament of Reconciliation and by appointment.

Episcopal (Anglican)

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

Jewish

Every Friday, 6 p.m. Anabel Taylor Founders Room. Shabbat Services (Conservative/Egalitarian).

Every Friday, 6 p.m. Anabel Taylor Chapel. Shabbat Services (Reform).

Every Friday, 7 p.m. Young Israel House, 106 West Ave. Shabbat Services (Orthodox).

Every Saturday, 9:15 a.m. Anabel Taylor Edwards Room. Shabbat Services (Orthodox). Kiddush to follow.

Every Saturday, 10 a.m. Anabel Taylor Founders Room. Shabbat Services (Conservative/Egalitarian). Kiddush to follow.

Korean Church

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

Muslim

Monday-Thursday, 1 p.m. Anabel Taylor 218. Friday, 1 p.m. Anabel Taylor Edwards Room.

Protestant

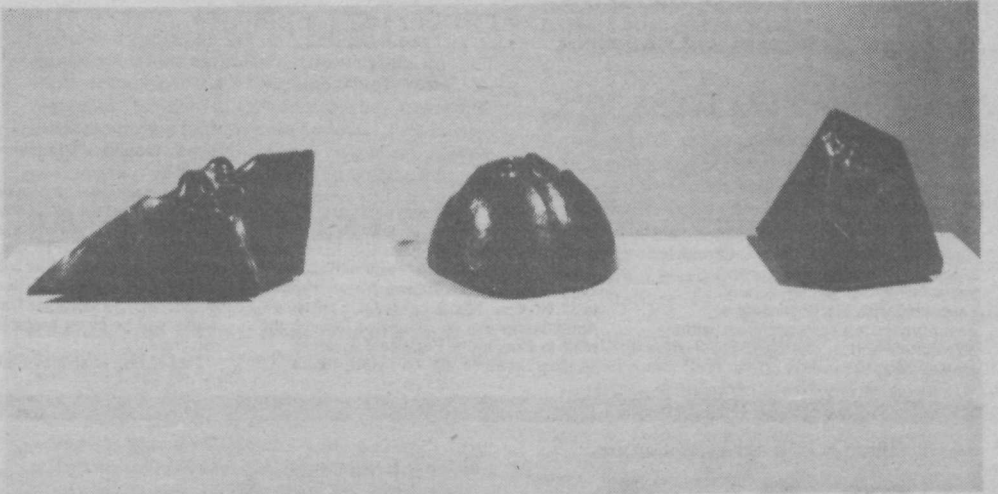
Every Sunday, 11:15 a.m. Anabel Taylor Chapel. Protestant Cooperative Ministry.

Sunday

Sept. 22, 11 a.m. Sage Chapel. Sage Chapel Preacher: Richard J. Neuhaus, Director, Center on Religion & Society, New York.

Tuesday

Sept. 24, 6:30 p.m. Statler. Yom Kippur Service.



Two of the works by Cornell faculty currently on exhibit at the Herbert F. Johnson Museum of Art, through Oct. 20, are "Portrait of M" (left), a 1984 oil on canvas by Arnold Singer, and "Three Emerging Forms" (above) a 1985 work in bronze by Jack L. Squier.

The Cornell University Art Department Faculty Exhibition will be on view at the Herbert F. Johnson Museum of Art through Oct 20.

This annual exhibition of recent works by current faculty and emeriti professors demonstrates the continued vigor and diversity of Cornell's art department faculty. Oils, watercolors, prints, photographs, and sculpture are on display. Included are works by Robert Bertoia, Zevi Blum, Stanley

J. Bowman, Victor Colby, James Cole, Ed Colker, Norman D. Daly, Kenneth Evett, John Hartell, Robert Jessup, Jean N. Locey, James O. Mahoney, Eleanore Mikus, Gregory Page, Barry Perlus, Stephen F. Poleskie, Arnold Singer, Jack L. Squier, Stanley Taft, and Zarena.

An illustrated exhibition catalogue accompanies the show and is available for purchase in the museum lobby.

Plant Pathology: "Plant Growth-Promoting Rhizobacteria: Utility on Apples in Nursery Re-plant Soil," Anthony Ceasar, 4:30 p.m. Tuesday, Sept. 24, 404 Plant Science.

Pomology/Vegetable Crops: "Classification of Soils for Nutrient Supplying Power and Taxation Purposes," W. Shaw Reid, Agronomy, 4:30 p.m. Thursday, Sept. 26, 404 Plant Science.

Statistics: "How to Display Data Badly," Howard Wainer, Educational Testing Service, Princeton, 3:45 p.m. Wednesday, Sept. 25, 100 Caldwell Hall.

Textiles and Apparel: "Marbled Silk: An Ancient Technique with Contemporary Possibilities," Ashley Miller, 4:30 p.m. Tuesday, Sept. 24, 317 Van Rensselaer Hall.

Theoretical and Applied Mechanics: "Mutiple Bifurcation Problems," John Guckenheimer, Mathematics, Cornell, 4:30 p.m. Wednesday, Sept. 25, 205 Thurston.

Theoretical and Applied Mechanics: (Special joint seminar with Structural Engineering) "The Boundary Element Method for Radiation and Scattering of Acoustic and Elastic Waves," Prof. E. J. Rizzo, University of Kentucky, 4:30 p.m. Thursday, Sept. 26, 205 Thurston.

Sports

Friday
Sept. 20, 5 p.m. Moakley Course. Men's Cross Country-Birmingham.

Monday
Sept. 23, 4:30 p.m. Schoellkopf. JV Football-Brockport.

Thursday
Sept. 26, 4:30 p.m. Schoellkopf. Men's JV Soccer-Ithaca College.

Friday
Sept. 27, 7:30 p.m. Schoellkopf. Ltwt. Football-Army.

Saturday
Sept. 28, 10 a.m. Schoellkopf. Women's Field Hockey-Dartmouth.

Sept. 28, 10 a.m. Moakley Course. Men's Golf-Cornell Invitational.

Sept. 28, 11 a.m. Schoellkopf. Women's Varsity Soccer-Dartmouth.

Sept. 28, 1:30 p.m. *Schoellkopf. Varsity Football-Colgate.

Sunday
Sept. 29, 2 p.m. Schoellkopf. Men's JV Soccer-Cortland.

Graduate Bulletin

All completed course registration forms should be turned in to Sage Graduate Center by tomorrow, Sept. 20. Tomorrow is also the deadline for registration. After that date, late initial course registration and course additions are still possible upon payment of a \$10 late fee.

Friday, Oct. 25, is the deadline for dropping courses or changing the grade option.

Doctoral candidates must have completed six units of residence, required course work, and have taken the A exam by Friday, Sept. 20, 1985, to be eligible for a special tuition rate of \$1000 per semester. Check with the Graduate School for details and application forms.

Oct. 15, 1985 is the deadline for applications for the Institute of International Education's French Government Fellowships, open to Ph.D. candidates in all fields. Applicants must be U.S. citizens with a good knowledge of French. Grants are for graduate study and research in French universities and other state institutions.

Oct. 16 is the deadline for the Robert Bosch Foundation Fellowship Program. The Program is an intensive work/study program in Germany to promote American-German-European relations and contribute to the participant's professional

competence and expertise, and broaden their cultural horizons. It is intended for graduate students in business administration, economics, public affairs, political science, law, journalism, and mass communications.

Information on the above and other fellowships is available at the Graduate Fellowship Office, Sage Hall and has been sent to relevant field offices. Students should check with their field representatives.

CIVITAS

CIVITAS, the Cornell Volunteer Office, can help you find a volunteer job in one of Ithaca's many human service agencies or in the Ithaca schools. We welcome you to come to our office in 119B Anabel Taylor Hall to register your interest. If you want to volunteer and do not find anything appealing in our ads, come and see us anyway. The range of opportunities in Ithaca will surprise you, and we will search to find the right place for you. We are open M, W, F - from 9 a.m. to 3 p.m., T, Th from 10 a.m. to 2 p.m.

COUNSELING PROGRAM:
CRISIS INTERVENTION COUNSELING SERVICE. Training will start on Thurs., 9/19(7:30 - 10:00 p.m.), Sat., 9/21 (all day), then Mon. and Thurs. eves. for a total of 12 sessions. You must be 21 or a senior to qualify and also willing to commit 15 hrs./month minimum for one academic year.

SPEND TIME WITH CHILDREN?

FOUR LEADERS SOUGHT for afterschool program for rural children on Wednesdays (2 to 5 p.m.). Work with 4th, 5th, and 6th graders. Focus is on cooking/nutrition, arts & crafts, gardening, rocketry, and woodworking. Transportation is provided.

SATURDAY SPORTS FUN with 6-9 year old boys (10 am - 12:30 pm). One volunteer sought to plan and organize recreational and sports program with two experienced leaders. Transportation is provided to this rural site.

GET AWAY to farms and parks with ten 5-8 year olds. Be part of a field trip program for children living in low-income housing development. Two (2) to three (3) leaders needed. Time is up to you.

CO-LEAD NOW, TAKE OVER SECOND SEMESTER for 3rd grade Brownie troop (time negotiable, Thurs., 2:15-3:15 preferable). Scouting background preferred though not necessary. Transportation is provided from Cornell campus.

DOWNTOWN YOUTH CENTER seeks 4H club leader. Teach afterschool group projects such as cooking, nature exploration, communications, cultural heritage, recreation, on weekdays (your choice, 3:30 - 5:30 pm.) Planning material available. Semester's commitment, please.

SKILLED? Afterschool teachers in dance, drama, and karate needed. Also in games and songs. Other skills for elementary school children will be considered. Experience necessary. M-F (2:45 - 5:30 pm.) On TomTran busline in small community outside Ithaca.

OR WORK IN A SCHOOL?

HELP TEACHER in small preschool program. M, W, F (8:30-11am) until Dec. 20. Close to North Campus. Knowledge of pre-school development and education preferred, as well as love of children and awareness discipline.

ITHACA SCHOOLS SEEK CLASSROOM HELP for Kindergarten - 5th graders. You may work with individuals or small groups in math, reading, writing, spelling. Some are within walking distance of Cornell campus, others on bus lines, sometimes the CIVITAS car is available for further rural schools. You will need 2 hrs. or so while schools are open (between 9 a.m. - 3 p.m., M-F).

OR TUTOR?

ENGLISH TUTORS needed for refugees. (Times and places flexible.) Information and

Continued on Page 10

ices (Conservative/Egalitarian).
Sept. 24, 6:45 p.m. Anabel Taylor Edwards Room. Yom Kippur Services (Orthodox).
Sept. 24, 8:15 p.m. Anabel Taylor Auditorium. Yom Kippur Services (Reform).
Wednesday
Sept. 25, 9 a.m. & 5 p.m. Statler Auditorium. Yom Kippur Services (Conservative/Egalitarian).
Sept. 25, 8:30 a.m. & 5 p.m./6 p.m. Anabel Taylor Edwards Room. Yom Kippur Services (Orthodox).
Sept. 25, 9:30 a.m. & 5 p.m. Anabel Taylor Auditorium. Yom Kippur Services (Reform).
Sunday
Sept. 29, 11 a.m. Sage Chapel. Sage Chapel Preacher: Gail Riina, Assistant Director, Cornell United Religious Work.

Seminars

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

Applied Mathematics: "On a Combinatorial Optimization Problem in Physics," Prof. Martin Grottschel, University of Augsburg, visiting Operations Research and Applied Math, Cornell, 4 p.m. Wednesday, Sept. 25, 255 Olin Hall.

Astronomy: "Testing Einstein's Relativity with Orbiting Gyroscopes: NASA's Gravity Probe-B Program," Francis Everitt, Stanford University, 4:30 p.m. Thursday, Sept. 19, 105 Space Sciences.

Astronomy: "Supernovae as Probes of the Universe," Robert Wagoner, Stanford University, 4:30 p.m. Thursday, Sept. 26, 105 Space Sciences.
Biochemistry: "Transcriptional Regulation and Pathogenesis of Retroviruses: The HTLV I, II and III Story," Dr. William Haseltine, Dana Farber Cancer Center, Harvard Medical School, 4:30 p.m. Friday, Sept. 20, 204 Stocking.

Chemical Engineering: "A Systematic Framework for Optimal Design and Analysis of Flexible Chemical Processes," Prof. Ignacio Grossmann, Chemical Engineering, Carnegie-Mellon, 4:15 p.m. Tuesday, Sept. 24, 145 (A) Olin.

Chemistry, Organic/Organometallic: "Mechanism of Ethylene Biosynthesis," Prof. Michael Pirrung, Stanford, 4:40 p.m. Monday, Sept. 23, 119 Baker Lab.

Chemistry: "Recent Developments in the Study of Polymer Structure by NMR," Dr. Frank Bovey, AT&T Bell Laboratories, Murray Hill, N.J., 4:40 p.m. Thursday, Sept. 26, 119 Baker Lab.

Floriculture and Ornamental Horticulture: "19th Century Cemetery Design," Daniel Krall, assistant professor of landscape architecture, 12:15 p.m. Thursday, Sept. 26, 37 Plant Science.

Food Science: "Thermostable Enzymes: Potential Uses in Food Processing," Bruce Wasserman, Food Science, Rutgers, 4:30 p.m. Tuesday, Sept. 24, 204 Stocking.

History and Philosophy of Science and Technology: "Science, Technology and Teletics: An Historical Paradigm," Neal Fitzsimons, Engineering Council, Kensington, Md., 4:35 p.m. Wednesday, Sept. 25, 165 McGraw Hall.

History of Art: "Seville: Seen by Romantic Travelers," Prof. Vicente Lleo Canal, History of Art, University of Seville, 4:30 p.m. Wednesday, Sept. 25, 24 Goldwin Smith Hall. (Sponsored by Cornell Abroad.)

International Studies: The Cornell Initiative on African Development presents a faculty colloquium, "The Importance of Nomadism: The Turkana of Northwestern Kenya," Rada Dyson-Hudson, associate professor of anthropology, Cornell, noon Thursday, Sept. 26, 300 ILR Conference Center.

Material Science and Engineering: "Kinetics of Ordering," R.W. Cahn, Cambridge, 4:30 p.m. Thursday, Sept. 19, 140 Bard Hall.

Material Science and Engineering: "Electron Microscopy Studies of Semiconductors," R. Singlair, Stanford, 4:30 p.m. Thursday, Sept. 26, 140 Bard Hall.

Mechanical and Aerospace Engineering: "Computing Attractor Dimension Entropy for Experimental Flows: A Few Enlightened Examples," J.G. Caputo, Laboratoire d'Electrostatique et de Materiaux Dielectriques, CNRS, Grenoble, France, 4:30 p.m. Tuesday, Sept. 24, 282 Grumman.

Neurobiology and Behavior: "The Bee Eaters of Baharini," Stephen Emlen, Cornell, 12:30 p.m. Thursday, Sept. 19, Morison Seminar Room, Corson/Mudd Hall.

Operations Research and Industrial Engineering: "Lattice Algorithms," Laszlo Lovasz, 4:30 p.m. Tuesday, Sept. 24, 111 Upson.

Ornithology: "The Osprey Garden: Chesapeake Bay," Paul Spitzer, Osprey researcher, 7:45 p.m. Monday, Sept. 23, Laboratory of Ornithology, 159 Sapsucker Woods Rd.

Parasitology: "Roundworm Revisited: Is Ascariasis a Problem?" D.W.T. Crompton, zoology, University of Glasgow, 4 p.m. Thursday, Sept. 19, Diagnostic Lab Conference Room.

Plant Biology: "Some Aspects of Membrane Lipid Alterations During Temperature Acclimation," Dan Luynch, Biology, University of Waterloo, 11:15 a.m. Friday, Sept. 20, 404 Plant Science.

Number 38

Cornell University

University Personnel Services
Day Hall
Ithaca, New York 14853
607/255-5226

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.

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.

Requirements: Bachelor's degree in Electrical Engineering (BSEE) and 2 years experience with indoor—outdoor lighting, power systems, and alarm design required. Familiarity with building codes and sound construction practices necessary. Please submit over letter and resume to Ralph D. Jones.

Job Number: PA355

Position: Research Support Specialist I (Repost)
 Department: Animal Science

Description: Participate in research to develop and test computerized management decision aid for various components of the dairy production system. Will develop computer simulation model and expert systems aimed at solving management problems. One year appointment with extension contingent upon funding.

Requirements: Bachelor of Science degree with coursework in statistics, computer science, economics and math. Ability to program, preferably Fortran and C; some experience with microcomputers such as IBM PC; knowledge or interest in UNIX preferred. A knowledge of dairy production systems desirable. Please submit cover letter and resume to Cynthia Smithbower.

Job Number: PT147

Position: Personnel Associate II
 Department: Personnel Services

Description: Provide a range of administrative services, counseling and communications in connection with the Health Care Plan for Endowed Employees, Short Term Disability, Long Term Disability and Workers' Compensation.

Requirements: Bachelor's degree in Personnel Administration or related field, or significant experience in benefits administration. 2-3 years relevant experience in benefits administration with up-to-date knowledge of the retirement and welfare benefits areas. Good supervisory, interpersonal and organizational skills. Good written and oral communication skills essential; math aptitude. Familiarity with computers is desirable. Please submit cover letter and resume to Patricia E. Hutton.

Job Number: P353

Clerical

Current Cornell employees should submit an employee transfer application, resume and cover letter. Outside applicants for clerical jobs should submit an employment application, resume and take a Cornell University typing test (please contact the receptionist at 256-5226 for an appointment). Applications and resumes typically remain active for three months; typing test scores remain on file for one year. The clerical section uses an automatic referral system; applicants are referred to positions for which they are considered qualified and competitive. Unless otherwise advertised, requests to be referred to a specific position will not be accepted. Applicants who are referred to a department for review will be contacted by the department if an interview is necessary.

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

*Position: Accounts Assistant, GR22
 Department: Controller's - Endowed Accounting

Description: Prepare and maintain various personal computer generated reports; assign account numbers and establish in the accounting system; review restricted categories and prepare preliminary analyses of account closings; follow up on overdrawn accounts and outstanding accounts receivable.

Requirements: Associate's degree in accounting or business. Minimum two or more years experience in accounting. Cornell experience preferred. Grant and contract experience desirable. Experience with personal computers and Lotus 1-2-3.
 Minimum Starting Salary: \$13,667
 Job Number: C376

*Position: Accounts Assistant, GR20
 Department: Controller's - Endowed Accounting

Description: Approve payment vouchers, purchase orders, payroll appointments and journal vouchers not requiring specific agency authorization on sponsored programs accounts; establish and maintain award files; type correspondence; follow up notices and reports; deposit sponsorship agency checks.

Requirements: Associate's degree in accounting, business or equivalent experience. Medium typing. Cornell experience preferred. Grant and contract experience desirable. Experience with personal computers and Lotus 1-2-3.
 Minimum Starting Salary: \$12,209
 Job Number: C377

*Position: Secretary, GR18
 Department: Center for International Studies
 Description: Type and proofread correspondence, reports, etc.; arrange meetings, activities and conferences; handle all travel, lodging arrangements and reimbursements; screen phone calls; greet students and faculty; organize and maintain files.

Requirements: High school diploma or equivalent. Business or secretarial school desired. Good interpersonal and organizational skills. Ability to work under pressure and handle confidential information.

Minimum Starting Salary: \$10,920
 Job Number: C3716

*Position: Accounts Assistant, GR18
 Department: University Health Services
 Description: Provide billing services for two orthopedic surgeons and UHS clinicians. Assist in operations of billing department including patient registration and transactions on the NCR computer.

Please Post

September 19

Job Opportunities

Cornell University is an equal opportunity, affirmative action employer.

Administrative/Professional

The minimum salaries listed are for recruitment purposes only.

*Position: Applications Programmer III
 Department: Mechanical & Aerospace Engineering

Description: Development and integration of a large CAD—CAM system for mold design and manufacture.

Requirements: Bachelor's or Master's degree or equivalent. Programming experience in FORTRAN and other highlevel languages. Considerable knowledge of interactive computer programs, computer graphics, data base and computer architecture desirable. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT3714

*Position: Student Development Specialist II
 Department: Division of Biological Sciences

Description: Manage an undergraduate academic advising and study facility for biology students under the supervision of the associate director for academic affairs. Provide academic advice, information, and referrals to biology center visitors, and coordinate the advising program for freshmen including the annual training and supervision of 50 volunteer student advisors. 10-month position.

Requirements: Master's degree in student development, guidance, or counseling, or the equivalent combination of education and experience. Minimum of two years work experience in college setting essential. Cornell experience and knowledge of undergraduate programs highly desirable. Background in biology preferred. Evidence of strong interpersonal, organizational, and communication skills required. Please send cover letter and resume to Ralph D. Jones by October 4, 1985.

Job Number: PA377

*Position: Applications Programmer I
 Department: Cornell Laboratory for Environmental Applications of Remote Sensing (CLEARS)

Description: Provide general programming and computer support to extension and research activities, especially in geographic information systems and image processing. Full-time until August 30, 1986.

Requirements: Bachelor's degree with strong background in computer science. Familiarity with FORTRAN 77 and C languages, and with VAX VMS and either UNIX or XENIX operating systems; at least basic familiarity with computer graphics and microcomputers, preferably an IBM PC—AT. Please submit cover letter and resume to Cynthia Smithbower by October 4, 1985.

Minimum Starting Salary: \$16,500
 Job Number: PT3713

*Position: Research Support Specialist I
 Department: Textiles & Apparel

Description: Assist in experimental design, experimentation, analysis of data and publishing of research in analytical—environmental chemistry.

Requirements: Bachelor's degree in chemistry or related field; Master's degree preferred. Some experience with chromatography and analytical methods. Must have mathematical skills. Experience with microcomputers desirable. Please send cover letter and resume to Cynthia Smithbower.

Minimum Starting Salary: \$15,000
 Job Number: PT376

*Position: Financial Aid Counselor
 Department: Office of Financial Aid & Student Employment

Description: Advise and counsel students concerning financial aid, which includes providing information on applications, financial aid policies 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 by October 4, 1985.

Minimum Starting Salary: \$14,170
 Job Number: PA3712

*Position: Staff Writer II

Department: University Development

Description: Create and write promotional brochures, articles, proposals and letters related to fund raising and—or public relations. Carry out

special communication assignments and develop communication strategies working with various University faculty and staff.

Requirements: Bachelor's degree in English, journalism, marketing or communication arts or equivalent. Minimum one year experience as a writer in fund raising, advertising, public relations or higher education. Please send cover letter, resume and writing sample to Esther L. Smith by October 4, 1985.

Minimum Starting Salary: \$14,170
 Job Number: PC375

*Position: Staff Nurse

Department: University Health Services

Description: Assist the nurse supervisor with the management of clinic flow and operation of the contraception, gynecology, and sexuality service.

Requirements: NYS Licensed Registered Nurse. Family planning experience desirable; some RN and managerial experience. Please send cover letter and resume to Ralph D. Jones by October 4, 1985.

Minimum Starting Salary: \$14,170
 Job Number: PA378

*Position: Research Support Aide

Department: Agricultural Engineering

Description: Plan, design and execute experiments relating to the use of biomass for energy production. Will control anaerobic fermentation experiments using manure and crop residues. Will maintain and operate laboratory instruments particularly gas chromatography units and solids analysis equipment; prepare reports and maintain laboratory.

Requirements: Bachelor's degree or equivalent in engineering or a related science. One to three years experience in biology—chemistry laboratory. Thorough familiarity with gas chromatography. Please send cover letter and resume to Cynthia Smithbower by September 27, 1985.

Minimum Starting Salary: \$13,625
 Job Number: PT379

*Position: Health Associate I (Repost)

Department: University Health Services

Description: Using health assoc-physician approved guidelines, provide primary health care to University students, faculty and staff members. Emphasis is placed on continuity of care, health education, health maintenance and preventive care.

Requirements: NYS RN-PA license and graduate of an accredited NP-PA program required. Experience and professional certification preferred. Please send cover letter and resume to Ralph D. Jones by October 4, 1985.

Job Number: PA326

Position: Research Support Specialist II

Department: Natural Resources - Old Forge, NY

Description: Schedule field sampling efforts and supervise two to three temporary assistants. Physically conduct and supervise collection of fish samples in lakes and streams, identify fish species, collect scale samples. Collect and chemically extract water samples for lab analysis. Position will require living in Old Forge area on a yearly basis.

Requirements: Bachelor's degree in fisheries sciences or closely related field. Experience participating in or directing field fisheries and limnological sampling programs. Some supervisory experience. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT361

Position: Research Support Specialist I

Department: Food Science and Technology - Geneva, NY

Description: Provide technical support involving the growth, maintenance and preparation of plant material. Perform biochemical separations, enzyme purification and assays, electrophoretic and immunological work. Other duties include recording and statistical evaluation of data, computerized updating of literature file, and laboratory maintenance.

Requirements: Bachelor's degree in biology, biochemistry, molecular biology or related field. Familiarity with HPLC, electrophoresis, chromatographs, work with radioisotopes, biochemical separations, immunology helpful. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT364

Position: Assistant Director, Class Affairs

Department: Alumni Affairs

Description: Assist Director of Class Affairs in class programs including Reunions, Midwinter

Meeting, Reunion Kickoff; Homcoming; assist in C.A.C.O. Board functions; work with class officers to develop class programs.

Requirements: Bachelor's degree or equivalent. Demonstrated strong organizational and communication skills. Please send cover letter and resume to Ralph D. Jones by September 26, 1985.

Job Number: PA365

Position: Senior Broadcast News Editor—Producer

Department: Media Services

Description: Supervise, coordinate and direct news staff and programming of the Consumer Information Network; develop, produce and direct various projects within TV—Radio—Film Centers; function as creative member of interrelated television—radio production unit.

Requirements: Bachelor's degree in Radio-TV or communications field or equivalent. Three years experience in all aspects of broadcast news and audio production; or demonstrable skills or a high nature. Competent, functional knowledge of the operation of professional audio equipment. Some management or supervisory experience. Must have pleasant, professional voice for narrations and broadcast announcing. Ability to work with faculty, staff and clients. Please send cover letter, resume and sample audio tape to: Search Committee, Media Services, NB-12 Martha Van Rensselaer by September 27, 1985.

Job Number: PC363

Position: Senior Project Leader

Department: Systems Office—Olin Library

Description: Primary consultant to the library in the development of large scale computer-based library systems. Plan and direct systems analysis, design and implementation of priority projects involving development of new online catalog, circulation systems, acquisitions systems, serials control systems, and their supporting methods and procedures.

Requirements: Bachelor's degree or equivalent experience in computer science or related fields. Minimum 9 years experience, two of which are comparable to project leader; some supervisory experience; prior programming experience required; database design, knowledge of mini—microcomputers and proficiency in ADABAS OMMS preferred; must have excellent communication and interpersonal skills. Please submit cover letter and resume to Carol Pyhtila, 201C Olin Library.

Job Number: PT354

Position: Assistant Director, Cornell Fund

Department: University Development

Description: Assist in the development of programs within the Cornell Fund with a particular emphasis placed on the Reunion Class Campaigns. Design, implement and supervise programs within the Cornell Fund Annual Giving Campaign. Enlist alumni leadership, set goals and facilitate campaign objectives.

Requirements: Bachelor's degree and three or more years experience with volunteers and fund raising required. Ability to communicate persuasively both orally and in writing and good organizational ability is a strong plus. Please submit cover letter and resume to Ralph D. Jones.

Job Number: PA356

Position: Assistant Director, Student Employment

Department: Financial Aid-Student Employment

Description: Responsible for maintaining records of expenditures and assisting with budget planning, contributing to the promotion and development of the Cornell Tradition program and coordinating the application and nomination processes for fellowship programs. Position vacancy is half-time (20 hours-week); position responsibilities are shared with another half-time Associate Director.

Requirements: Bachelor's degree or equivalent combination of educational and work experience desired. Ability to work effectively with diverse groups; excellent oral and written communication skills essential. Please send cover letter and resume to Patricia E. Hutton.

Job Number: P359

Position: Senior Electrical Engineer

Department: Facilities Engineering

Description: Direct the design and preparation of cost estimates, drawings, specifications and construction documents for maintenance, repair, and alteration projects that relate to electrical projects.

Job Opportunities

er system, prepare department monthly financial reports.
 Requirements: Associate's degree in business and accounting with coursework in computers desired. Medium typing. Minimum two years experience in bookkeeping and accounting, (knowledge of Cornell accounting system very desirable). Must have computer experience preferably in a medical setting. Medical terminology.
 Minimum Starting Salary: \$10,920
 Job Number: C3717

*Position: Secretary, GR18
 Department: Alumni Affairs
 Description: Assist aide to the Director of Alumni Affairs with general correspondence; travel programs and other Alumni Affairs programs; provide receptionist support; answer phones; meet and greet guests.
 Requirements: High school diploma or equivalent. Medium typing. Word processing skills helpful, not necessary. Ability to related well with people. Excellent communication skills.
 Minimum Starting Salary: \$10,920
 Job Number: C375

*Position: Special Collections Assistant, GR18 (Two positions)
 Department: NYHRC - Olin Library
 Description: Edit and index data gathering forms for state-wide Historical Documents Inventory; enter data into RLIN database; proofread printouts; update database and prepare material for publication. Full-time, regular until June 30, 1986.
 Requirements: Bachelor's degree in humanities, social sciences or related fields or equivalent. Light typing. Writing skills and good handwriting. Experience in editing, indexing, proofreading and data entry desirable. Accuracy and ability to do detailed work with minimum of supervision required. Some knowledge of NYS history desirable. Experience with RLIN desirable.
 Minimum Starting Salary: \$10,920
 Job Number: C3714, C3715

*Position: Records Assistant, GR16
 Department: Acquisitions - Olin Library
 Description: Record receipt of books sent on standing order; process invoices for payment; update records on RLIN database. Other duties as assigned.
 Requirements: High school diploma or equivalent. Medium typing. Ability to work independently. Experience with automated systems desired.
 Minimum Starting Salary: \$9,874
 Job Number: C3711

*Position: Stacks Assistant, GR16
 Department: Circulation - Olin Library
 Description: Responsible for shelving large volume of materials; process incoming serials; maintain orderly academic environment; staff the library security desks; work in Olin Library's book repair workshop. Other duties as assigned.
 Requirements: High school diploma or equivalent. Neat and orderly work habits. Attention to detail.
 Minimum Starting Salary: \$9,874
 Job Number: C379

Position: Accounts Assistant, GR20
 Department: Endowed Payroll Office
 Description: Maintain N.Y.S. Disability records and Direct Bank Deposits; type tax reports; provide administrative and secretarial support for office.
 Requirements: Associate's degree or equivalent. Medium typing. Minimum of at least three years experience in a payroll or accounting office. Excellent organizational, communication and interpersonal skills are essential.
 Minimum Starting Salary: \$12,209
 Job Number: C364

Position: Data Entry Operator, GR19
 Department: Computer Services
 Description: Key enter or key verify data via CADE keystations. 39 hours per week, shift work and weekends.
 Requirements: High school diploma or equivalent. Medium typing. Minimum 2-3 years experience. Data entry and/or keypunch experience, preferably CADE system.
 Minimum Starting Salary: \$11,570
 Job Number: C368

Position: Secretary, GR18
 Department: Geological Sciences
 Description: Provide secretarial support to departmental Graduate Field Representative and department faculty. Type; set up appointments; correspondence; graduate files; highly technical typing and input to a Micom word processor; many manuscripts contain very complicated equations.
 Requirements: High school diploma or equivalent. Heavy typing. Previous experience on word processing equipment helpful or willingness to learn. Minimum 1 to 3 years secretarial experience.
 Minimum Starting Salary: \$10,920
 Job Number: C365

Position: Secretary, GR18
 Department: Johnson Graduate School of Management
 Description: Provide secretarial support for Director and Assistant Director. Type; schedule events; frequent telephone contact; handle travel arrangements, lunches, etc.
 Requirements: High school diploma or equivalent. Business or secretarial school desirable. Medium typing. Minimum 1 to 3 years secretarial experience. Experience coordinating projects. Excellent telephone techniques. Interest working with students.
 Minimum Starting Salary: \$10,920
 Job Number: C363

Position: Secretary, GR18
 Department: Plant Breeding and Biometry
 Description: Type technical manuscripts, course materials and correspondence for faculty in biometrics unit using word processor; answer telephone; run photocopies; process orders for publications.
 Requirements: High school diploma or equivalent. Business or secretarial school desirable. Medium typing. Several years typing experience. Ability to work independently.
 Minimum Starting Salary: \$10,920
 Job Number: C369

Position: Office Assistant, GR17
 Department: Purchasing
 Description: Process state requisitions and invoices; maintain records; assist departments, vendors, and Finance and Business Office with problems relating to orders; type orders on Decwriter.
 Requirements: High school diploma in business or equivalent. Light typing. Accounting and filing skills. Minimum one year office experience. Word processing and computer knowledge helpful. Legible handwriting essential.
 Minimum Starting Salary: \$10,366
 Job Number: C3611

Position: Stacks Assistant, GR16
 Department: Access—Circulation - Olin Library
 Description: Responsible for shelving a large volume of materials, processing incoming serials, and maintaining an orderly academic environment; other duties include staffing library security desks and working in Olin Library's book repair workshop.
 Requirements: High school diploma or equivalent. Good organizational skills. Attention to detail.
 Minimum Starting Salary: \$9,874
 Job Number: C367

Position: Secretary
 Department: Boyce Thompson Institute for Plant Research (Contact department directly - see below)
 Description: Type manuscripts, proposals, correspondence, reports, etc. for a group of scientists. Assist at switchboard and perform other duties as assigned.
 Requirements: High school diploma or equivalent. Excellent typing skills; ability to read various handwritings, and good proofreading skills. Word processing experience necessary; IBM PC experience helpful. Ability to work pleasantly and cooperatively with many different people.
 Minimum Starting Salary: \$11,000
 Job Number: C355
 Contact: Greta Colavito, Boyce Thompson Institute, 257-2030.

General Service

*Position: Animal Attendant, SO18
 Department: Poultry & Avian Sciences
 Description: Responsible for health, welfare and daily care of research laboratory animals being raised and maintained in support of genetics, physiology, nutrition, food science and extension research projects; experienced in facilities and equipment maintenance. Collection and recording of experimental data for individual research projects. Monday - Thursday, 8:00 am - 4:30; Friday, 8:00 am - 3:30 and weekends as needed.
 Requirements: High school diploma or equivalent. Associates degree in animal health field helpful. Must have or be able to acquire certified animal technician's certification, and pesticide applicators certificate. Ability to lift and carry 100 lbs. NYS drivers license necessary. Physical examination required.
 Minimum Starting Salary: \$5.41—hour
 Job Number: S375

*Position: Custodian, SO16 (Five positions)
 Department: Care of Buildings
 Description: Provide general maintenance and custodial care of buildings and grounds 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 lbs.
 Minimum Starting Salary: \$4.84—hour
 Job Numbers: S371, S372, S373, S374, S376

Position: Photo Assistant, GR20
 Department: Media Services
 Description: Process photographic film and produce black and white photographic prints. Responsible for the every day operation and maintenance of a high production photographic darkroom.
 Requirements: Degree or certificate in photography desirable. Must have minimum of 2 years working experience in a commercial darkroom producing high quality photographic prints.
 Minimum Starting Salary: \$12,209
 Job Number: S363

Position: Nurse Aide, SO17
 Department: University Health Services
 Description: Clean and stock examining rooms and prepare solutions. Assist clinicians and nurses. Prepare patient for medical examinations. 9 month appointment.
 Requirements: High school diploma or equivalent. Nurse Aide—Health Assistant certificate desirable. Some recent experience in a health related service or educational experience in the health field. Strong interpersonal and communication skills. Ability to work independently in emergency cases.
 Minimum Starting Salary: \$5.12—hour
 Job Number: S366

Technical

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

*Position: Computer Operator, GR22
 Department: NYSSILR
 Description: Manage the operations of the ILR Student Computer facility. Including hiring and supervising student operators. Responsible for setting up and maintaining computers. Act as a general consultant for ILR course computer work. Maintain and set up file servers and networks.
 Requirements: Bachelor's degree or equivalent. Experience as terminal operator desirable. Good interpersonal, communication and organizational skills. Knowledge of Cornell computer system. Some experience with CMS and TOPS-20. Knowledge of microcomputers, such as MacIntosh and IBM PC. Knowledge of popular applications packages such as DBASE, LOTUS 1,2,3. Some experience with network or file server. Apply by October 4, 1985.
 Minimum Starting Salary: \$13,667
 Job Number: T371

*Position: Technician, GR20
 Department: Food Science
 Description: Assist in research program concerning the use of recombinant DNA techniques for industrial microbiology. Responsibilities include carrying out of experimental protocols, routine maintenance of equipment, purchasing of materials and supplies.
 Requirements: Bachelor's degree in microbiology or biology. Experience in microbiology required; experience in recombinant DNA techniques such as Southern, Northern, DNA sequencing desired. Apply by October 4, 1985.
 Minimum Starting Salary: \$12,209
 Job Number: T375

*Position: Research Assistant II
 Department: Boyce Thompson Institute (Contact directly, see below)
 Description: Carry out synthesis, purification and analysis of oligonucleotides using automated DNA synthesizer. Cloning and DNA purification.
 Requirements: Bachelor's or Master's degree in biochemistry or chemistry, some background in instrumentation (HPLC) and familiarity with microcomputers.
 Minimum Starting Salary: \$12,200
 Contact: Dr. Roman P. Legocki, Boyce Thompson Institute, 257-2030.
 Job Number: T373

*Position: Technician, GR19
 Department: Food Science
 Description: Assist in a study of functional properties of food proteins, conducting solubility tests, ligand binding, emulsification tests; perform HPLC separations and electrophoresis. Part-time, regular; 30 hours per week.
 Requirements: Bachelor's degree in chemistry, biochemistry, food science or related field. Some laboratory experience in working with food proteins necessary. Knowledge of protein purification, foaming, or emulsifying properties, electrophoresis and HPLC preferred. Knowledge of computers desired. Apply by October 4, 1985.
 Minimum Starting Salary: \$11,570
 Job Number: T376

*Position: Technician, GR18
 Department: Plant Pathology (Geneva, NY)
 Description: Provide technical assistance to a plant pathologist in the areas of tree fruit research. Will conduct field, greenhouse, and laboratory studies on biology of fungal pathogens; evaluate pesticide efficacy for foliar and postharvest pathogens; conduct field surveys for disease incidence.
 Requirements: Bachelor's degree in plant sciences or two year degree in sciences plus two years of laboratory experience preferred. Drivers license required. Familiarity with microbiological technique including methods for growing fungi in pure culture; some experience with farm equipment would be helpful.
 Minimum Starting Salary: \$10,920
 Job Number: T372

*Position: Technical Assistant, GR17
 Department: Plant Breeding & Biometry
 Description: Provide technical support to potato breeding project; duties include greenhouse and field work.
 Requirements: High school diploma required; courses in plant breeding or related area desirable, class 3 drivers license. One year experience in an agricultural research operation desirable; ability to perform routine technical duties (greenhouse and field) relative to potato research; including growing plants, sampling, extracting seed, ability to lift 60-100 lbs.
 Minimum Starting Salary: \$10,366
 Job Number: T377

Position: Research Equipment Technician, GR25
 Department: Laboratory of Plasma Studies
 Description: Assist experimental scientists in the design and construction of laboratory apparatus; operate and maintain laboratory apparatus, including high voltage generators and vacuum sys-

tems; assist with measurements; instruct new graduate students and undergraduate technicians in technical jobs; maintain parts inventory; monitor certain laboratory expenses.

Requirements: High school diploma or equivalent and some formal training in mechanical construction. Considerable experience in mechanical design, construction and repair is required, including using both hand and machine tools; experience with vacuum and high voltage equipment is desired in addition to practical experience in electrical fabrication and repair. Ability to organize work, maintain records and supplies inventories also required.
 Minimum Starting Salary: \$16,239
 Job Number: T363

Position: Technician, GR23
 Department: Diagnostic Laboratory
 Description: Responsible for overseeing a research project to assess the role of immunity to parasites. Duties include dependent development of experimental projects, performance of complex—sensitive assays, establishment and maintenance of primary cell cultures. Will perform data analysis and assist with report preparation.
 Requirements: Bachelor's degree in immunology, biochemistry, microbiology, parasitology or a related field. At least two years research lab experience including performing assays involving experimental animals, animal handling, cell culture and performing general laboratory techniques using centrifuges, ph meters, phase—u.v.—conventional microscopes, cell microharvester and incubators. Please send cover letter and resume to Cynthia Smithbower by September 27, 1985.
 Minimum Starting Salary: \$14,485
 Job Number: T361

Position: Technician, GR18
 Department: Equine Drug Testing and Research -Monticello, NY
 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, includes weekends and holidays.
 Requirements: Associate's degree in chemistry or a related field. Experience with thin layer chromatography. Familiarity with gas chromatography.
 Minimum Starting Salary: \$10,920
 Job Number: T364

Part-time

*Position: Night Supervisor, GR18
 Department: Fine Arts Library
 Description: Supervise all circulation—reserve desk activities during evening hours of the library; during summer assist circulation—reserve supervisor with various circulation—reserve activities. Sunday - Thursday, 7:00 - 11:00 pm.
 Requirements: Associate's degree or equivalent. Light typing. Library and supervisory experience desirable. Good interpersonal and communication skills.
 Minimum Starting Salary: \$10,920—annual equivalent
 Job Number: C3713

*Position: Senior Circulation—Reserve Assistant, GR18
 Department: Circulation - Olin Library
 Description: Work at Circulation Desk; perform duties in support of public services on weekend and afternoons; answer questions about access to collections; interpret circulation policies; register visitors; refer library users to other departments; assist with building security; assist in training student assistants. Other duties as required. Sunday, 1:00 - 9:00; Monday - Wednesday, 1:00 - 5:00 pm.
 Requirements: High school diploma or equivalent; some college preferred. Light typing. Good organizational skills. Ability to work well with a variety of people. Willingness to work flexible schedule. Library experience desirable.
 Minimum Starting Salary: \$10,920—annual equivalent
 Job Number: C3712

*Position: Office Assistant, GR17
 Department: Latin American Studies Program
 Description: Greet visitors; answer telephone; distribute mail; send information about the program; xerox, distribute and post announcements; type reports, letters and announcements. 20 hours per week; 9 month appointment.
 Requirements: High school diploma or equivalent. Light typing. Good interpersonal skills. Knowledge of Spanish or Portuguese helpful. Willing to learn word processing.
 Minimum Starting Salary: \$10,366—annual equivalent
 Job Number: C3718

*Position: Secretary, GR16
 Department: NYSSILR - Office of Student Services
 Description: Provide receptionist support. Receive telephone calls and walk-in clients in high traffic student personnel office; rout calls and direct people to appropriate individuals, offices or locations; secretarial responsibilities; type correspondence, minutes, memos and records as requested. Monday - Friday, 20 hours per week to be arranged.
 Requirements: High school diploma or equivalent. Medium typing. Good interpersonal and communication (written and oral) skills. Minimum one year office experience.
 Minimum Starting Salary: \$9,874—annual equivalent
 Job Number: C371

Continued on Page 10

Job Opportunities

Continued from Page 9

***Position: Secretary, GR16**
Department: NYSSILR - Extension & Public Service
Description: Provide secretarial support for the coordinator, research professor—consultant and administrative aide for the Employee Assistance Training Program. Type; receptionist, photocopy; maintain supplies. Other duties as assigned. Monday - Friday, 20 hours per week to be arranged. Part-time until December 31, 1986.
Requirements: High school diploma or equivalent. Medium typing. Minimum of 1-2 years experience. Good organizational and interpersonal skills. Attention to detail and accuracy. Knowledge of word processor helpful.
Minimum Starting Salary: \$9,874—annual equivalent
Job Numbr: C373

Position: Administrative Aide, GR20
Description: Center for International Studies
Description: Organize meetings; prepare vouchers and reconcile accounts; prepare correspondence, reports and agendas. Other duties as assigned. 30 hours per week.
Requirements: High school diploma or equivalent. Business or secretarial school desirable. Medium typing. Minimum 1 to 2 years office experience. Knowledge of word processing and Cornell accounting system helpful. Ability to work under pressure and handle confidential information.
Minimum Starting Salary: \$12,209—annual equivalent
Job Number: C366

Temporary

TEMPORARY OPPORTUNITIES: With the approach of the new academic year, we anticipate needing individuals qualified for work in the following areas: clerical, secretarial, word processor operators (temporary and permanent); food service (temporary and permanent) and farmworkers (temporary). If you have experience or skills in these or related areas and are interested in learning more about these opportunities, please stop by the East Hill Plaza Employment Office any Monday through Friday, 9:00 a.m. to 12:00 noon, or call Sharon Warunek at 273-1179, or Tambi Benzon or Esther Smith at 256-5226.

***Position: Temporary Searcher (Repost)**
Department: NYSSILR - MP Catherwood Library
Description: Responsible for searching bibliographic records in the card catalogs, RLIN and NUC, including records for donated collections. Verify holdings and condition of titles already in the library. RLIN input, bibliographic typing and other duties as assigned by Collection Development Librarian. 20 hours per week, flexible hours; until February 5, 1986.
Requirements: Associate's degree, two years of college or equivalent experience. Medium typing. Knowledge of bibliographic verification systems and tools, accuracy and ability to handle detail are required. Knowledge of French, German or Spanish desirable. Please send cover letter and resume to Tambi L. Benzon.
Minimum Starting Salary: \$5.35—hour
Job Number: C3518

***Position: Temporary Accounts Assistant (Repost)**
Department: Clinical Sciences
Description: Maintain departmental accounting records using automated accounting system. Post transactions to general ledger program; reconcile accounts with official University records. Monday - Friday, 8:00 am - 5:00 pm; 6 month position.
Requirements: High school diploma or equivalent. Some college preferred. Medium typing. Familiarity with Cornell Statutory accounting system preferred; knowledge of general office procedures.
Minimum Starting Salary: \$5.20—hour
Job Number: C325

Position: Temporary Technical Writer
Department: Food Science
Description: Conduct library research, assemble reprints and, with supervision, write summary reviews on specific topics on food protein chemistry; collate data on functional properties and assist in collating data on structure—function relationships in proteins. Part-time Monday - Friday, hours flexible.
Requirements: Bachelor's or Master's degree in biochemistry or related field. Medium typing. Coursework in molecular structure and physical properties of proteins. Accomplished technical writing and library skills. Knowledge of technical literature, literature review. Knowledge of computers (IBM AT) and familiarity with protein chemistry. Please send cover letter and resume to Tambi L. Benzon.
Job Number: PC366

Position: Temporary Editorial Assistant
Department: Cornell Computer Services
Description: Assist publications staff in preparation and dissemination of information about resources, services and activities of Cornell Computer Services. Review, revise and proof documentation on-line, using computerized text editors. 19 hours per week, flexible, 6 months to a years appointment.
Requirements: Bachelor's degree or equivalent preferred. Excellent grammar, spelling, punctuation and editorial skills a must. Familiarity with IBM mainframe text editors a real plus. Knowledge of computer systems helpful. Please send cover letter, writing sample and resume to Tambi L. Benzon by September 23, 1985.
Job Number: C3610

Position: Temporary Systems Analyst, T-5
Department: Modern Languages and Linguistics
Description: Provide systems level support for new DEC PDP 11-73 and existing Callan Unistar 68000 computers including updates to existing software and operating systems as well as modification of speech analysis and synthesis systems. Must also train users and assist in assessing future software needs. 4 month position with possible extension on a part-time basis.
Requirements: Bachelor's degree in Electrical Engineering, Computer Science or related field. 2-3 years programming experience in Fortran, familiarity with C and Macro 11 languages with analog signal processing; phonetics applications experience desirable. Please submit cover letter and resume to Cynthia Smithbower.
Minimum Starting Salary: \$8-hour
Job Number: T351

Position: Extension Aide (Repost)
Department: Textiles and Apparel
Description: Prepare articles for DEA News and Consumer News Service; respond to consumer questions related to textiles and apparel; research information on safety clothing for pesticide workers; manage distribution of the DEA News; manage textiles and clothing written materials; maintain kits and other educational materials; schedule and ship kits and other educational materials; assist with preparation of kits and written materials for in-service education. Other duties as assigned. Monday - Friday, 20 hours-week; until February, 1986.
Requirements: Bachelor's degree with course background in textiles, clothing, design and educational methods. Writing skills, management skills and organizational ability; experience in Cooperative Extension or similar work. Please send cover letter and resume to Tambi L. Benzon.
Minimum Starting Salary: \$7.00-hour
Job Number: C3516

Position: Temporary Computer Programmer (Repost)
Department: Chemistry
Description: Develop FPS AP Resident Disk File Management System (Primos operating system for array processor). Approximately three month, full-time position, longer on a part-time basis. Days and hours to be arranged.
Requirements: Fluency in FPS APAL; familiarity with file management systems; familiarity with FPS LOCAL desirable. Contact Professor Schrage, 660 Baker Lab, 256-4034 or Bob Tuttle, 120 Baker Lab, 256-4672.
Job Number: T294

Position: Telephone Interviewer (Two positions) (Repost)
Department: Cornell Institute for Social and Economic Research (CISER)
Description: Conduct telephone interviews on various research projects being conducted by the CISER Survey Research Facility. Monday - Friday, 6:00 pm - 9:00 pm; Saturday, flexible hours. Part-time temporary position through April, 1986.
Requirements: High school diploma or equivalent. Previous relevant work experience required. Ability to read questions fluently, to communicate via the telephone, and to respond to questions from the persons being interviewed. Must be able to work independently. Good organizational and communication skills necessary. Please contact Patrena Deegan at 256-4801.
Minimum Starting Salary: \$3.65-hour
Job Number: C356

Position: Temporary Secretary, (Repost)
Department: Theoretical & Applied Mechanics
Description: Type technical—mathematical reports and papers for several faculty, using an IBM PC or word processor. Good organizational, communication and interpersonal skills (written and oral) required. Other duties as assigned. Please send cover letter and resume to Tambi L. Benzon.
Requirements: High school diploma or equivalent. Secretarial or business school preferred. Heavy typing. General office experience, technical typing, personal computer and word processing.
Minimum Starting Salary: \$5.80—hour
Job Number: C2717

Position: Temporary Secretary (Repost)
Department: Food Science
Description: General support for several faculty. Extensive use of word processor to prepare manuscripts, grants, research proposals and related teaching and extension needs. Handle travel arrangements. Maintain files and general support duties. Full-time, temporary until June 30, 1986. Monday - Thursday, 8:30 - 5:00; Friday, 8:30 - 4:00.
Requirements: Associate's degree in secretarial science or equivalent office experience. Heavy typing. Word processing experience helpful. Strong organizational, interpersonal and communication (written and oral) skills. Please send cover letter and resume to Tambi L. Benzon.
Minimum Starting Salary: \$5.38—hour
Job Number: C3314

Position: Temporary Technical Staff Writer
Department: Food Science
Description: Responsible for library research on specific scientific topics, particularly nutritional aspects of fatty acids; conduct literature searches, and collate publications; summarize scientific publications; assemble written overviews and write summaries. Monday - Friday, 20-30 hours per week to be arranged.
Requirements: Bachelor's or Master's degree in Nutritional—biological sciences—chemistry. Medium typing. Some research experience in appropriate areas. Competence in word processing (IBM). Training and experience in technical writing. Familiarity with IBM PC essential. Please

send cover letter and resume to Cynthia Smithbower.
Minimum Starting Salary: \$5.00—hour
Job Number: T328

Academic

Please contact department directly.

***Position: Senior Extension Associate I, CA7 (Labor Programs Specialist)**
Department: NYSSILR, New York City
Contact: Sue Willower, ILR, 171 Ives Hall
Job Number: A371

***Position: Assistant Professor**
Department: School of Chemical Engineering
Contact: Professor Keith E. Gubbins, Director
School of Chemical Engineering, 124 Olin Hall
Job Number: A372

Position: Laboratory Lecturer, Cell Physiology
Department: Section of Physiology, NYS College of Veterinary Medicine
Contact: Neil H. McLain, Administrative Manager, Department of Physiology, NYS College of Veterinary Medicine
Job Number: A361

CIVITAS

Continued from Page 7

materials will be provided and initial orientation will be set up on campus. Minimum of two hours a week for the semester required.

ENGLISH TEACHER SOUGHT for small group of students of "Advanced Conversation". On campus. No experience necessary. Starts Sept. 23 to 1st week of December, Wed. eves., 7-9 pm on campus.

HELP in Spanish Composition and English grammar and writing needed for 11th grade student from S. America. Important to have structured setting. On campus, time flexible after 3:00 p.m. anyday M-F.

AMERICAN CULTURAL and linguistic guides needed for foreign students ranging in age 17-50, from about 20 different countries around the world. Volunteers should be friendly and willing to help them adapt to American culture. Involves commitment to meet at least once a week for semester. Ten volunteers needed immediately. Come to CIVITAS for a match.

AND THERE'S MORE!

VOLUNTEERS NEEDED to conduct phone survey concerning community awareness of counseling service. Starting second week in Oct. Daytime orientation: 1 Hour. 2 people needed.

RECREATIONAL LEADER is needed Wednesday evenings (6:30 - 9:30 p.m.) to work with 12 teenagers on publishing a teen newsletter and fund raising for a weekend trip. The focus is community service oriented, educational and fun. Downtown location.

COMMUNITY EDUCATION AND SERVICE organization needs newsletter help with layout,

graphics distribution, sales, etc. Other help sought with typing and fundraising events. Time flexible, M-F, afternoons after 12:30pm. One training session (your choice of time). Conveniently located downtown.

GO DOOR TO DOOR to distribute a flyer about recycling throughout City of Ithaca. Great walking exercise! Saturday, September 21 (1:00 pm - about 4 hours). Instruction and materials provided beforehand; refreshments and entertainment afterwards.

CORNELL WOMEN'S CENTER hopes to find someone to answer questions, refer walk-ins to other organization, oversee library, plan/help with fundraising activities, etc. 1-2 training sessions. Minimum of 2 hours/week for at least 1 semester. Feminist preferred. More info available at 107 Willard Straight Hall.

LOVE ANIMALS? Local animal shelter seeks volunteers to assist with surrendered animals and adoptions. Help also needed to set up kennels and cages, and misc. office duties. No experience necessary. No minimum hours required: 12:30 - 5:30 hours available, Tues.-Fri; some weekend hours. You need a car for this one.

MENTALLY DISABLED RESIDENTS LIVING IN GROUP HOME NEED YOUR COMPANIONSHIP. Join them in simple recreational activities once a week anyday, M-F, after 2 p.m. or on weekends. Located close to campus and downtown.

TO OFFER YOUR HELP, come to CIVITAS, 119B Anabel Taylor Hall, or call 256-7513. Open M, W, F, 9:00 - 3:00; T, Th, 10:00-2:00.

Funded in part by the Student Finance Commission and open to the entire Cornell community.

Barton Blotter

Various microscope parts valued at \$5,025 were reported stolen from a teaching laboratory in the College of Veterinary Medicine, according to the morning reports of the Department of Public Safety for the period Sept. 9 through 15.

In all, there were 32 thefts reported during the seven-day period amounting to losses in cash and valuables of \$9,160. These included eight thefts of cash — mostly from offices — totaling \$644. In addition, 12 fire extinguishers costing \$247 were taken from various dormitories, and three IBM

typewriters valued at a total of \$1,340 were reported stolen, one each from Stocking and Martha Van Rensselaer halls and Academic II.

Other thefts include a \$475 slide projector taken from Olin Hall; \$279.91 in meat taken from Sigma Phi kitchen, and various items totaling \$710 including a camera and clothing taken from a car parked in the Arboretum parking lot.

Two persons were referred to the Judicial Administrator on charges of possession of stolen property.

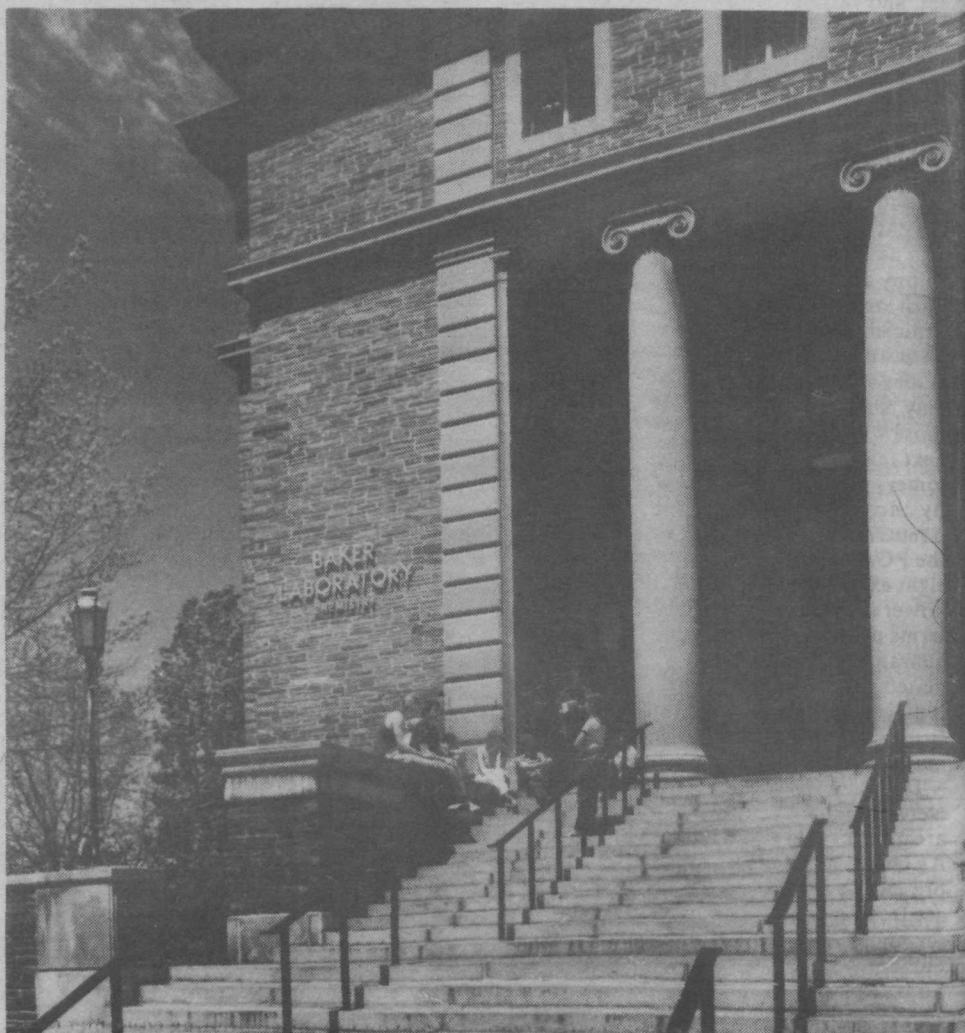
Paul J. Flory

Paul J. Flory, 1974 Nobel prize winner in chemistry and a professor at Cornell from 1948 to 1956, died Sept. 9, of a heart attack, in Big Sur, Calif. He was 75 years old.

A professor emeritus of Stanford University, Flory was a pioneer in polymer chemistry. He revolutionized his field by discovering a way to compare polymers, long chains

of atoms or small molecules linked together in repeating sequences.

He is survived by his wife, Emily, at their home in Portola Valley, Calif.; two daughters, Susan Springer of Stanford and Melinda Groom of Utah; and a son, Dr. Paul J. Flory, Jr., a physician at Yale Medical School.



WordPerfect Group Will Introduce Members Sept. 26

The WordPerfect Users Group will introduce its members to Cornell staff who assist microcomputer users. In a meeting scheduled for 2 p.m. Thursday, Sept. 26, in 100 Caldwell, 10 speakers will summarize the many free services available to new and experienced WordPerfect users. The following presentations are planned:

-Kathy Dolan will outline the SSI products offered through the Campus Store.

- Mariann Carpenter will cover offerings and lending procedures of Computer Services' Software Lending Library.
- Nancy Flynn will discuss ordering and purchasing equipment through Network Communications.
- Karen Fromkes of Network Communications will describe field services for printers and personal computers.
- Tom Hughes will talk about Decentralized Computer Services' support of WordPerfect.

lized Computer Services' support of WordPerfect.

- J. R. Schulden, co-President of the IBM-PC Users Group, will outline the offerings of that group.

- Irving Wiswall will review microcomputer courses and public facilities available from Computer Services.

- Howard Curtis will report on the WordPerfect support services offered through the Mann Library Microcomputer Center.

- Stan Worth will describe microcomputer services in the Vet School.

- Linda Iroff will discuss support in the College of Arts and Sciences.

Future meetings of the WordPerfect User Group will cover M-Edit, the new macro editor, and the soon-to-be announced enhancements to WordPerfect.

Cynthia Frazier,
Computer Services

Network Communications Microcomputer News

Network Communications Microcomputer News, as reproduced here, discusses equipment available to the Cornell Community for discounted purchase.

VENDOR UPDATES:

APPLE: In conjunction with the Apple University Consortium, Network Communications is offering a "Back-to-School" package deal on the 512K version of its popular Macintosh microcomputer. The deal, in effect until Oct. 31, includes the 512K Mac, Imagewriter printer, external disk drive, and carrying case for \$2289. Stop by the new location of the NetComm Sales Office, 143 Caldwell Hall, to place your order. **OTHER APPLE NEWS...** 128K Macintosh units are still available for immediate delivery at NetComm. Priced at \$1160 including MacWrite/MacPaint software, it still offers a low-cost microcomputing option. And for all the Mac owners who now need 512K RAM to operate new software applications such as Microsoft's EXCEL and Lotus' JAZZ, the 512K upgrade option for 128K Macs has dropped in price to \$460. These upgrades are performed at the Central Repair/Distribution facility, 152 Langmuir Lab, with a guaranteed 24-hour turnaround time. Call the Sales Office at 256-5544 for further information.

DEC: In the near future, the NetComm Sales Office will be able to place any new DEC customer orders through the "Electronic Store", Digital's computer-based consulting and sales service. A

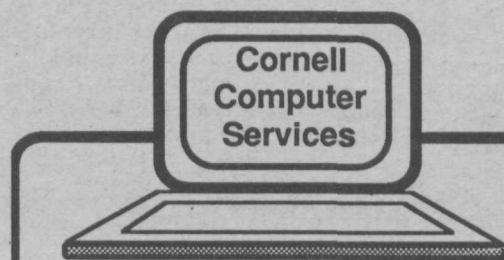
"Browsing Account" will be available online in the G26 Uris Demo Area using the Rainbow 100 plus unit located there. This will offer the potential customer detailed product information ranging from feature descriptions, hardware and software requirements, specific media options and selected product demos. The actual date of implementation will be announced soon.

HEWLETT-PACKARD: Many new font cartridges are now available for the HP LaserJet Printer. Some of these long-awaited items include: Letter Gothic, Math, Technical, and various new combinations of point and pitch size, portrait and landscape mode. Ranging in price from \$173 to \$280, many of these new cartridges are in stock at Network Communications. For further information on them or any general LaserJet questions, HP has implemented a free "LaserJet Hotline" for customer and dealer use: 1-800-854-4031.

IBM: Deliveries on IBM's Basic PC system units, the "standard" model with two floppy drives and 256K RAM are delayed until late November/early December. New orders for it will certainly be back ordered until sometime in early 1986. This also includes versions of the model sold with Display Adapter Cards. As an alternative for those who need to make a purchase in the next few weeks, IBM recommends that customers purchase their PC/XT with two floppy drives (models No. 5160B78, 5160M78, 5160C78 or 5160E78). These versions of the PC/XT, cost about \$200 more, but have eight expansion slots and a "souped-up" power supply so that future expansion in terms of networking and mass storage is guaranteed. Delivery on PC/XT units is estimated at four weeks from the time the order is placed. We apologize for any delivery difficulties or inconveniences these problems may cause.

DON'T FORGET! The Sales Office of Network Communications has moved! We are now located at 143 Caldwell Hall, on the Ag Quad, next to Comstock, the building is presently under construction. Our hours still are from 9:30 a.m. to 4 p.m., Monday through Friday. Reach us at our new phone number—256-5544—if you have any questions, concerns, or problems.

Nancy A. Flynn,
Marketing



THE COMPUTER PAGE

An Occasional Collection of News and Comments from Computer Services

Computer Orientations Cover Items of Interest To Faculty and Staff Members at the University

In the past few years, the joint Cornell Computer Services/ Dean of Students Office award-winning orientation program has helped ease freshmen into the world of computing at Cornell. This year the focus of orientation was extended to include parents of new students, according to Mariann Carpenter of CCS User Support. Many of the topics covered are ones that apply to faculty and staff as well as students.

New students and about 250 of their parents heard about the IBM and DECSYSTEM-20 mainframe computer systems available to students, faculty and staff for instructional and personal use. Many parents were relieved to find that the university provides approximately 50 hours worth of free computing per week to all registered students, and that students taking intensive courses are given extra resources for their coursework.

Faculty and staff can also take advantage of the mainframe facilities administered by CCS by establishing free personal accounts in 190 Caldwell Hall from 9 a.m. to 4 p.m., Monday through Friday, with a valid Cornell ID.

The 12 CCS public terminal facilities, located all over campus, may be used by the entire Cornell community. CCS's AN-331, entitled Public Terminal Facilities, lists

where these are, when they are open, and shows the kind of equipment you can expect to find at each location. Some of the sites are staffed by an operator who can help you begin computing.

Many new users find that "electronic mail" and "electronic bulletin boards" are an easy and fun way to get their feet wet. Computer Services also belongs to BITNET, a network which allows the fast and easy transfer of information or "mail files" to other institutions who are also members of BITNET. Guides to the mail system and electronic "bboards" are available in G26 Uris, at no charge. To find out more about which schools belong to BITNET, use the on-line computer bulletin board called CUINFO.

Once you decide to use computers, Computer Services' series of workshops and short courses can get you going. The introductory levels assume no prior working knowledge of the equipment nor programming, and are an ideal way to familiarize yourself with computer systems. CCS's Fall 1985 Workshop Announcement describes the courses and registration process. Pick it up in any public terminal facility.

If you find you need more help with a specific mainframe or microcomputer problem, you can speak to a professional staff consultant. Consultants are on duty in G26 Uris

Hall from 9 a.m. to 5 p.m. and from 8 p.m. to 10 p.m., Monday through Friday. On weekends consultants answer mainframe and microcomputer questions from 1 to 5 p.m.

With so many people interested in microcomputers these days, CCS is constantly expanding its services in this area. One innovative program is the Software Lending Library in G26 Uris Hall. It houses a remarkable collection of software for the Macintosh, IBM-PC and DEC microcomputers, giving you the opportunity to try new items and compare similar ones as you search for programs to suit your needs. The Lending Library has existed for almost three years, and response from software manufacturers has been excellent. To borrow a package for one week, you leave appropriate collateral and sign an agreement not to copy the program and to return it in good condition. Suggestions for new acquisitions are always welcomed. So, if you know of a piece of software that suits your purposes, or you would just like to see "what a package can do" stop in G26 Uris Hall between 9 a.m. and 3 p.m., weekdays; or phone 256-4981, and ask for the Lending Librarian, to get a current listing of guidelines and software holdings.

Mariann Carpenter
User Support

How to Get Computing Information at the University

You can get plenty of information, in person, from Cornell Computer Services (CCS) front-line consultants, CCS Workshops and seminars, and by attending microcomputer users groups meetings.

Are you...

*selecting a microcomputer system, printer or peripherals? Attend a weekly "Choosing a Microcomputer" talk. Come with questions!

*choosing the right software options for you? Explore the Software Lending Library in G26 Uris Hall.

*looking for help with a software or hardware question? Ask a front-line consultant in G26 Uris Hall.

*writing software for the IBM-PC or Apple Macintosh? Attend the developers' users group meetings.

*new to the Apple Macintosh? Attend SIGNUM, a special interest group for new users of the Macintosh.

*interested in knowing more about microcomputer projects and development of systems here at Cornell? Attend the brown bag lunch series starting in October, every Thursday, 12:20-1:10 p.m., in 100 Caldwell.

*interested in taking a short course to gain proficiency on a particular computing package or system? Sign up for a CCS workshop (free to students), or take a Mann Library Microcomputer Course (register at Mann Library Microcomputer Center). CCS Announcement #342 contains a complete roster of CCS courses and registration information. If you have questions, call Irving Wiswall between 9:00 a.m. and 11:00 a.m. at 256-4981.

Or, get information in writing through CCS publications.

CCS publishes a wealth of information to help you use the computing equipment at Cornell. Some general information (e.g., meeting announcements) is available on-line,

in CUINFO. Other information is kept at each of the staffed CCS public facilities. Announcements, for example, describe services such as the workshop series, and terminal facilities' equipment and hours. Technical Notes detail how to use a particular type of equipment or software.

Five regularly published newsletters are listed below. Further information about any of these publications is available in G26 Uris Hall.

*The CCS Bulletin is a weekly publication delivered to the public terminals on campus. The Bulletin announces users group meetings, special seminars, new versions of software, and new CCS services. (Bulletin information is available on-line (type NEWS BULLETIN on the DECSYSTEM-20 or type CUINFO CCS BULLETIN on the IBM).

*Microcomputer Newsletter brings you news from the Network Communications Sales Office about special prices on microcomputers. Look for it at a CCS facility.

*Network News is published by Office Automation and Text Processing. It reviews word processing systems and packages for office machines, including personal computers. To receive a copy, write c/o Network News, 441 Day Hall.

*nibbles, published by DCS, explores issues and current happenings in the microcomputer world. Send a note to 401 Uris Hall if you would like to receive nibbles.

*Observations, published by the statistical computing group, provides in-depth reviews of statistical packages. Send a note to 61 Warren Hall to add your name to the mailing list.

And read users groups publications:

Users groups publish lots of helpful information in monthly bulletins. They are probably your best source of information. Currently, eleven microcomputer users groups meet at Cornell. We invite you to participate.

Look in the Cornell Sun, CCS Bulletin, or CUINFO for meeting announcements, or stop by a computer facility and inquire. If you are unable to attend meetings, but would like to subscribe to a monthly newsletter, sign up in G26 Uris Hall, or drop a note in the mail to DCS, 401 Uris Hall.

*Wheels for the Mind is particularly valuable in that it documents a number of projects being developed by the 24 schools comprising the Apple University Consortium (AUC). Published bimonthly, the newsletter is divided into three sections: tips, project descriptions, and testimonials. Boston College is the focal point for coordinating feedback from interesting projects around the country, finding out how schools are incorporating Macintosh into the curriculum, and assessing the effect Macintosh is having on educators and education. If you would like to share a thought, contact Peter Olivieri at Boston College, MA.

*Muggers Monthly is published by the Macintosh users groups, MUGWUMP. It is full of handy Macintosh tips and tricks, as well as information on meetings and other items of interest to the Cornell user. Consult Muggers Monthly for first-hand reviews and reports on hardware and software bugs and features. The subscription rate for the remainder of the year is \$2.50 for on-campus users, and \$5.75 for off-campus delivery. To subscribe, write to MUGWUMP, c/o DCS, 401 Uris Hall.

In short, take advantage of the computing resources available to you.

—Susan Wood
DCS

Brief Reports

Several Bloodmobiles Scheduled On Campus During Fall Term

A visit by the American Red Cross Bloodmobile is next scheduled on campus from 10 a.m. to 3:45 p.m. Monday, Sept. 30, in the Vet Research Tower Cafeteria. As with other Bloodmobile visits to campus, donors may make advance appointments by calling the Red Cross office at 273-1900, or may walk in during the visit.

Other Bloodmobile visits scheduled are Thursday, Oct. 3, at Robert Purcell Union; Monday, Oct. 14, and Tuesday, Oct. 15, ROTC-sponsored visits to Willard Straight Hall, and Thursday, Oct. 31, at Martha Van Rensselaer Hall.

Critic of Modern Dieting To Discuss Matters of Fat

Dr. William Bennett, a critic of modern dieting and editor of the Harvard Medical School Health Newsletter, will speak on the topic: "A Matter of Fat: The Theory and Practice of Weight Control," at 7:30 p.m. today in Hollis E. Cornell Auditorium of Goldwin Smith Hall.

Bennett's presentation will be followed by comments from David Levitsky, associate professor of nutritional sciences and psychology, and Marquisa LaVelle, assistant professor of anthropology. Levitsky teaches courses on the psychology of dieting; LaVelle teaches culture about culture and disease.

Bennett's lecture is being co-sponsored by the Women's Studies Program, the food and foodways lecture series of the Center for International Studies, and the Division of Nutritional Sciences. His visit is part of a year-long lecture series on "The Female Body" being sponsored by Women's Studies and the College of Arts and Sciences.

Faculty Nominations Sought For Messenger Lectures

Nominations are being sought from university faculty for lecturers to be invited to speak at the university.

Nominations may be submitted to Judy Bower, secretary of the University Lectures Committee, in 315 Day Hall. More information can be obtained by calling 256-4843.

The committee administers the university's two most prestigious lecture series, the Messenger Lectures and the University Lectureships.

The Messenger Lectures have been considered among the most important intellectual events on campus since they were established

in 1924. They have attracted some of the world's leading scholars and public figures each year to deliver a series of lectures on their work. The lectures, which are given in either a three- or six-part series, are aimed at a general audience. Many have been published in book form.

Messenger lecturers during 1985-86 will be Ernst Mayr, the Agassiz Professor Emeritus at the Museum of Comparative Zoology at Harvard University, and Edward Said, the Parr Professor of English and Comparative Literature at Columbia University. The dates and locations of the lectures will be announced later.

The University Lecture fund was first endowed by the distinguished historian Goldwin Smith, one of the Cornell's original faculty members.

The fund brings to Cornell the world's foremost scholars for a single lecture to share stimulating ideas that would make a lasting imprint on the university community.

'U' Parking Suspended On North Central Avenue

"U" permit parking along Cornell University's North Central Avenue has been suspended through November for construction.

North Central Avenue is the dead-end road which runs south off University Avenue at the Herbert F. Johnson Museum of Art.

Extensive reconstruction in the area includes increasing the number of parking spaces from 76 to 101, according to William E. Wendt, director of Cornell's Transportation Services. The work, which already has begun, is expected to be completed by the end of November.

During the construction, service vehicles will be allowed to use North Central Avenue to reach Uris Library, the art museum, and White, McGraw and Morrill halls.

Parking Fines Increased In Several Categories

Fines for parking illegally on the Cornell campus have been increased, beginning Monday, Sept. 16, according to William E. Wendt, director of Transportation Services.

Fines for parking without a permit or for parking in a no-parking zone have been increased from \$5 to \$10, the first increase since 1969, Wendt said.

The new fine for parking in a life safety zone or a space for the handicapped is \$20, compared to the previous levy of \$15.

"We hope that these stiffer fines will discourage people from parking illegally," Wendt said. "We'd prefer not to issue any tickets."

Kram Award Winner Will Study in Nepal

Kathryn A. White, a sophomore here, will study weaving in Nepal next spring under a \$1,500 award made annually in memory of Judith Ellen Kram, a member of the Cornell Class of 1977.

She will conduct independent research on women in Nepal and their role in the production of art, specifically the weaving of textiles. White, a student in the College of Arts and Sciences, will work through the School for International Training in Nepal.

The Kram award was established by Ruth and Daniel Kram of West Orange, N.J. in memory of their daughter. Daniel Kram is a 1948 graduate of Cornell.

The award provides up to \$1,500 to meet expenses associated with the winning student's field research on a subject related to the status of women. It is presented annually based on a competition open to undergraduates in all colleges at Cornell.

Peace, International Security Study Grants Are Available

Cornell received a three-year grant last January from the John D. and Catherine T. MacArthur Foundation to expand teaching and research in the field of international security and peace studies. Part of the grant is earmarked for graduate student fellowships and the rest is to be used to support faculty research and other activities that could both strengthen and broaden the current intellectual base of security and arms control studies. Interdisciplinary projects are particularly encouraged.

Cornell faculty may submit informal pro-

SAGE CHAPEL

East Coast Lutheran Synod Pastor Will Speak Sunday

Richard J. Neuhaus, director of the Center for Religion and Society in New York City and a pastor of the East Coast Synod of the Evangelical Lutheran Churches, will speak at Sage Chapel at 11 a.m. Sunday, Sept. 22. His sermon topic will be "The Loneliness of the Long-Distance Radical."

Neuhaus was educated at Concordia Theological Seminary, Washington University and Wayne State University. His most recent books include: "Time To-ward Home: The American Experience as Revelation" (Seabury, 1975); "Christian Faith and Public Policy" (Augsburg, 1977), "Freedom for Ministry" (Harper and Row, 1984), and "The Naked Public Square: Religion and Democracy in America" (Eerdmans, 1984). He has also served as editor of the Lutheran Forum and Worldview.

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

posals for small grants in support of innovative projects. Research assistance, workshops, or travel to archives are examples of the kinds of activities that are eligible for funding. Further information is available from Prof. Ned Lebow at the Peace Studies Program, 180 Uris Hall.

The graduate student fellowships are open to any student whose dissertation topic is concerned with the problems of international security and peace studies. Students should have passed their A exam and be otherwise eligible for reduced tuition. Four fellowships have been awarded for 1985-86. Applications for 1986-87 will be due at the Office of the Peace Studies Program, 180 Uris Hall by March 1, 1986. Contact person is Helen Shelley, administrative aide at the Peace Studies Program.

Film on Miskito Indians Will Be Shown on Tuesday

Cornell will be host to the American campus premiere of a one-hour documentary on the tragic plight of the Miskito Indians, "Nicaragua Was Our Home," at 8 p.m. Tuesday in Hollis E. Cornell Auditorium of Goldwin Smith Hall.

For those who are unable to make the Tuesday screening, a special video showing is scheduled for 8 p.m. Wednesday in Uris Library, room LO-4.

The Week in Sports

Nine Squads in Action, Eight on the Road, Cross Country at Home

There's a full slate of action for Big Red teams this week as nine squads are in competition. Eight of the squads are on the road—including the varsity football team, which opens its season at Pennsylvania. But the one home event of the week has a distinctly international flavor, making for an exciting matchup.

The men's cross country team will be host for a special meet Friday, as it takes on Birmingham University of England at 5 p.m. on the Moakley Course. The race marks the first time a Cornell cross country team has competed against a foreign squad, although the track team frequently faces international competition.

Birmingham University sent a track team to Ithaca in 1974 and the visitors set three Schoellkopf Field records in the dual meet, each of the standards coming in long distance running events. Birmingham should again provide a strong showing as it figures to have an outstanding group of cross country performers. Senior captain Grant Whitney figures to lead the Big Red harriers against the Britons. Whitney, a 1985 All-American in outdoor track, will be joined by juniors Lincoln Graves, Matt Day, Charlie Bares and Dan Glynn. Sophomore Chip Bradish rounds out the squad, which hopes to improve upon its 5-2 record of a year ago.

After more than a month of preparation, the Big Red varsity football team appears ready to open its season. Saturday's game with Pennsylvania will be televised nationally as the Ivy League game of the week on the Public Broadcasting System. The contest, which starts at 1 p.m., can be seen locally on WSKG-TV, Binghamton (Channel 8 on the local cable).

The Quakers are the defending Ivy League champions, having held a share of the crown for three consecutive years, yet they have lost a number of key performers from last season's 8-1 team (7-0 in the Ivy League). To be

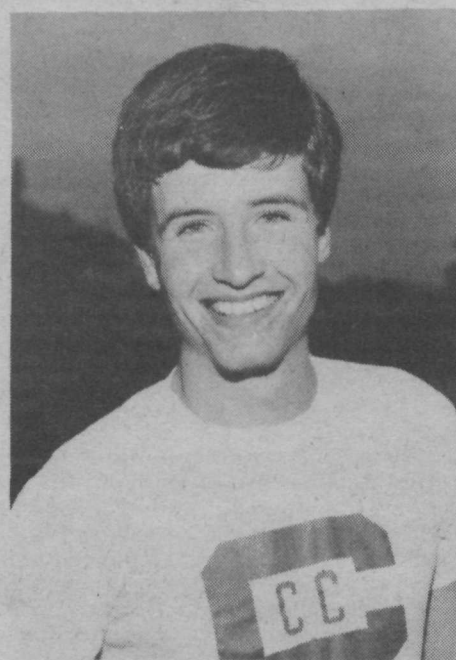
successful, Cornell must contain the Quakers' explosive running game, which features tailback Rich Comizio, the 1984 Ivy League Rookie of the Year. On defense, All-Ivy tackle Tom Gilmore is the standout.

The Red not only finished last season on the upswing by winning two of its last four games, but the squad has shown improvement during the pre-season period. Senior quarterback Shawn Maguire will direct the Big Red offense for the third straight season. Joining him in the backfield are senior fullback John Tagliaferri and tailbacks Tony Paul and Bob Borroff. Cornell has its finest group of receivers in recent years, led by seniors Doug Baker, Todd Pressley and Jim Perrello.

The men's soccer and women's field hockey teams will also compete at Pennsylvania this weekend; the soccer team takes on the Quakers Friday night while the field hockey squad plays Penn Saturday morning. The Big Red men's soccer team opened its season this past weekend with a tough 2-1 loss to Brooklyn College. Senior Jeff Dezago scored the lone Cornell goal on an assist from junior Dan Mahanger. Junior Hugh O'Gorman made 12 saves for the Big Red, which will be looking to improve upon its 3-4 record in the Ivy League last fall. This is also the league opener for the field hockey team, which began its campaign at Syracuse this past Wednesday. A year ago, Coach Shelby Bowman's club had a 1-4-1 slate in league competition.

The lightweight football team opens its season on Friday, playing at Rutgers in a non-league contest. Cornell is looking to continue where it left off last season when it shared the ELFL title with Army and Navy. The prospects for continued success are excellent, as 39 returning lettermen give the squad a very strong nucleus.

All five starters return on the offensive line, making it a seasoned and formidable



GRANT WHITNEY
Men's Cross Country

unit. Two All-League performers, senior guard Ivan Matsuga and senior tackle Greg Alvarez, anchor the line. Senior quarterback Rob Lynch completed 32 of 66 aeriels for 549 yards and five touchdowns last season. In the backfield, tailbacks Bill Bellamy and Steve Call will team with sophomore fullback Eric Boham. Bellamy and Call were the leading ground gainers in 1984 with 424 and 269 yards, respectively.

Defensively, Scott Scofield, the starting fullback last year, has been switched to the secondary to fill the void left by Michael Swift, an All-League performer in 1984. Senior Dan Gilroy and junior John Bailey re-

turn as defensive backs. The linebackers will be led by seniors Mike Hatlee and Mike Hopsicker. Senior noseguard Pat Kinney, one of four captains along with Alvarez, Scofield, and Hatlee, will be counted on to control the line of scrimmage.

On Saturday, the women's volleyball team journeys to Lewisburg, Pa., for the Bucknell Invitational, its first competition of the season. The Red must replace three key starters from last year's squad, which posted a 28-10 record and won both the New York state and ECAC championships, but it appears to have the talent to do so. Junior Jodi Albright received All-State honors as a setter in 1984 and she will be the core of the Red offense. Other key performers will be seniors Jennifer Hoerup at the outside hitter spot and Jennifer Stiles, who earned All-League recognition as an inside hitter. Several new faces will also see action, including junior Jamille Moens and freshmen Pamela Burke, Tere Duran, Barbara Drugan and Kathy Klein.

The women's tennis team will face Ithaca College on Tuesday at 3:30 p.m. on the South Hill campus. The Red lost its first match of the season, a 6-3 verdict to Rutgers this past Sunday at the Kite Hill Bubble. Despite the loss, there were several encouraging performances, as the Red came up with three singles winners: sophomore Barbara Prins (playing at the No. 1 position), junior Jana Klein (No. 2) and sophomore Erin McPeak (No. 4).

The women's soccer team faces outstanding competition this weekend when it takes part in the Dragon Cup Tournament in Scotland. The tournament features four teams ranked nationally. Cornell, 17th in the pre-season poll, meets William & Mary (No. 13), Sonoma State (No. 22) and Wisconsin in the two-day event. Cortland, the host of the tournament and the Big Red's season-opening foe (played this past Wednesday), is rated 11th in the country.

Networking

A Cornell Newsletter Published by Employees for Employees

Employee Day Preparations Coming Down to the Wire

With Employee Day '85 less than one month away, the committee is anxious to tie up the loose ends. Most of the work for the October 5 event is done by volunteers and your help would be valuable. Here is what is needed.

Hosts for Cornell Medical College visitors. If you have a room to offer for the night of Saturday, October 5, please fill out and return the coupon in this issue.

Nominations for My Favorite Employee and My Favorite Student. There is a coupon in this issue.

Displays for the Barton Hall exhibit. Please call Peg Landau at 6-7206 for details.

Volunteers to help manage the event. Please call Margaret Seacord at 6-4341.

Everything else is ready to go for Employee

Employee Day '85

Day '85. The Cornell football team is ready for the game. \$2.00 football tickets are now on sale until September 27. Food, music, and entertainment are set. Be prepared for a good time on October 5.

Your Employee Benefits

Aetna Claims Person Here

Aetna Claims Supervisor Here to Answer Questions

Remember: The Aetna claims supervisor will be on campus to answer individual claims questions on September 19 and October 24 from 8:30 a.m. until 4:00 p.m. To

schedule an appointment, contact Employee Benefits at 6-3937. Walk-in appointments (130 Day Hall) will also be accepted, as permitted by the schedule.

For more information, please contact Pat Cooke at 6-3937.

Enrollment Period Is Coming

It is now time to start thinking about the health care contributions and medical and dependent care expenses you anticipate you will incur in 1986. The Select Benefits program will allow you to pay for certain expenses on a before-tax basis.

The Select Benefits enrollment period for the 1986 Plan year will take place during November.

All employees who elect to take part in the 1986 Select Benefits program must enroll during November - even if you are now currently enrolled in any part of the 1985 program.

Your enrollment form and additional information will arrive at your home address in October.

If you expect to be out of town during the November enrollment period you should make plans to enroll beforehand. Campus-

Select
BENEFITS

wide informational meetings, Networking articles and Contacts delivered to your home address will be forthcoming.

Remember, you must re-enroll, that is, EVERYONE MUST FILL OUT A NEW ENROLLMENT FORM, during November if you want to be part of the 1986 Plan year.

Contact Employee Benefits, University Personnel Services, 130 Day Hall, 6-7509, or the Statutory Colleges Finance and Business Office, B-22 Mann Library, 6-4455 for additional information.

TRUSTEE REPORT

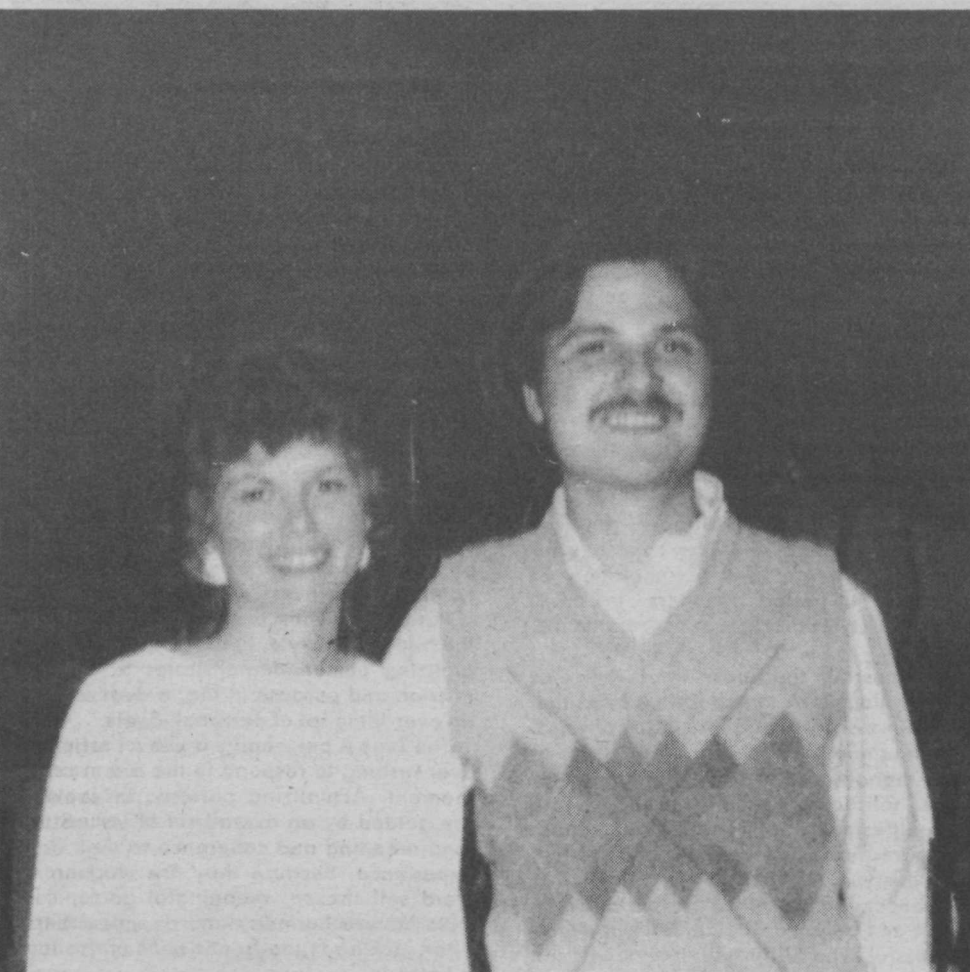
by George Peter

It always seems repetitious to report on actions taken by the Board of Trustees or its committees because The Chronicle does such complete coverage.

It may be more useful to share some thoughts with you about the column called "Leadership Leads." It is one of my pet projects. Although not every point made is appropriate for every situation or department, some general concepts of effective management are borrowed from various sources.

At first glance, one might assume that it is aimed at management. Actually it is written for all of us. There may be some who would argue that this sort of effort should be reserved for managers only. I would argue otherwise:

1. To some extent, everyone is a manager.
2. Good management is the art (some may call it a science) of dealing with people to achieve established goals and objectives while maintaining an atmosphere of cooperation and good will.
3. Without maintaining a pleasant atmosphere and good will, the chances of achieving goals and objectives approach zero.
4. If all of us would put into practice some of the concepts presented in "Leadership Leads" and other related material, we could help to make Cornell a more pleasant place to work, and hence, goals and objectives would more likely be met.
5. One way to achieve an atmosphere of good will is to be above board and open -- especially about common purposes and objectives. Sharing leads to caring.



Linda English Rossi and her husband Clifford.

Veteran Networking Board Member Leaves University

Linda English Rossi left her position with The National Astronomy & Ionosphere Center on September 12. She will be embarking on a new career as she travels with her new husband who is completing his doctorate in ag economics at Cornell.

The Networking editorial board sends this message with Linda:

From the beginning Linda has been a faithful and hard working member of the board. Linda typed every single bit of every issue in those first years of Networking. She has rarely missed Tuesday noon meetings of the board in the past five plus years. She has been the editor in charge of unclassifieds, organized the poetry contests for the past two years, put together the poetry booklets, assembled the employee calendar and much, much more. Linda's dedication and skills are unsurpassed.

Perhaps the best tribute to Linda is to include here a letter of recommendation from her associates:

Linda English Rossi has been employed with the N.A.I.C. for the past seven years. She has been promoted twice and has held her present position for the past three years. As administrative aide for a research and development group, Linda also has been the accountant, business manager and purchasing agent. The work entails the handling of several accounts simultaneously. Purchasing includes a variety of sophisticated components and technical equipment.

Linda has continued to study and learn to take on new responsibilities regularly. During her time with the department, she has always taken one or more courses per semester at Tompkins Cortland Community College. She is committed to upgrading her potential and learning new skills.

Linda's amicable and cooperative personality, coupled with her professional skills, makes her an extremely valuable employee. Her friendliness and attitudes have en-

deared her to all who have worked with her.

Linda goes beyond the call of duty in co-operating and volunteering to be involved, not only in department responsibilities, but in other University-related functions. She served on the editorial board of the University newspaper which is published for and by employees. She has worked in this capacity since the publication's inception and has helped to nurture it become a vital communications vehicle for the administration and for the staff.

She has served for seven years on the Employee Day Committee and in many other volunteer efforts to make Cornell University a better institution and a more pleasant place to work. In 1983 Linda was selected to receive the prestigious Dedicated Service Award.

Linda is a careful and diligent person who demonstrates great pride in her work and complete loyalty to the organization. She is mature, stable and dependable.

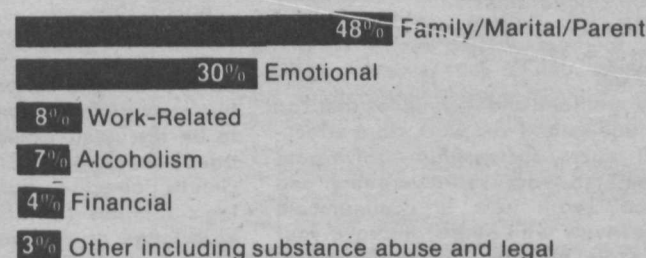
Linda has been a joy to work with and will be sorely missed by everyone.

Just For Your Information

EAP-HELP IS JUST A CALL AWAY

The Employee Assistance Program last year provided counseling for over 600 individual cases involving Cornell employees and their dependents, a 30% increase from the year before.

Most Active Problem Areas '84-'85



EAP provides free, confidential, short-term, professional counseling on a broad range of concerns.

Getting help is easy. Call EAP at 273-1129 and make an appointment. No red tape, no applications to fill out. "There are solutions. Use EAP to find them."

Located at Family & Children's Service, 204 N. Cayuga St. or 219 Anabel Taylor Hall, Cornell University.

Vacant Seat On Hearing Board

The Office of the Assemblies is accepting applications for an employee to fill a vacant seat on the University Hearing Board. Apply at 165 Day Hall. Deadline is October 22, 1985.

Employee Poetry Corner

Networking would like to share the talents of the entrants of the "Second Annual Networking Poetry Contest" with our readers. In the next few months we will be printing poems, submitted for the contest, for all our readers to enjoy.

A booklet containing all the poems is also planned to be published in the near future. Please look for further updates in future issues of Networking.

We hope you enjoy the poems as much as we do.

FIRST LOVE

by Eleanor R. Staggs

My heart is breaking for what has been;
Tomorrow will be here when I blink again.
So many things crowd in on me;
You cannot be sixty-four don't you see?

The love that has grown between us two;
Joys so simple shared by me and by you.
I am sixteen and you only twenty,
Our lives have just started; we have time left aplenty.

The softness of feelings like the wings of a dove;
I finally found you, you my first love.

Now my eyes weep as well as my heart;
Time crowds in before we can start.
It really can't be that time has transpired;
Tomorrow will come! You will be retired.

Gone will be the times of fun and laughter;
The long rides to work and the good times after.
Riding along in companionable silence, our thoughts in tune;
Or singing along with the radio while someone croons.

All of the sights and sounds along the way;
Things to remember during the course of our day.

Look, Look there over that hill;
Did you see that cat on that window sill?
The changing of seasons, there goes a deer!
So many pleasures throughout the whole year.

You reach across and give me a squeeze;
Our laughter together rings out on the breeze.
The joy we have found and the great love abides;
But soon I'll do it alone, take those long rides.

The softness of feelings like the touch of a dove.
Oh! how I will miss you. My very first love.

Years numbered many in that other life,
When I was a mother; that other man's wife.
Raising the children, always under duress;
Time of unhappiness, misery and stress.

After a lifetime I finally began to see
Things had to change somehow for me.
Thirty-seven years when you count them down
I left-afraid- I faced the terrible unknown.

There was no way I could know, realize
You would appear there right before my eyes.
The softness of feelings like the wings of a dove;
I flew to your arms and found, my very first love.

The years had slipped away as I said before
When we met you were sixty and I fifty-four
But the feelings were so new for both of us,
We had forever we thought, it would always be thus.

To laugh and play and find enjoyment so rare.
It would always be, You would always be there.
Our fate was sealed, our plans were all made.
Together we would work, then retire to the shade.

We would take our long ride together, it would not cease;
We would laugh and talk and a lot of times tease.
I am only sixteen and you are only twenty;
Our lives have only started, we have time aplenty.

But fate stepped in and dealt us a blow;
You have to retire but I must still go,
Leave you there and go off to work each day,
Missing your nearness and the things we would both say.

The softness of feelings like the touch of a dove.
Oh! how I will miss you, my very first love.

Taking Charge of Your Own Health

A Healthy Psychology
(adapted from an article in "Vital Signs"
published by the C.U.H.S.)

If you are driven by unrealistic perfectionist expectations, neglect physical needs for sleep and food, and neglect the emotional need for relaxation, you might qualify as the "Type A Personality." Individuals with this personality pattern develop an entire lifestyle based upon stress, and constantly drive themselves to reach rigidly perfectionistic goals. Such individuals are far more prone to heart disease and high blood pressure than the average person, largely due to the continued stress they place upon their bodies.

Dr. Hans Selye, a pioneering researcher in the field of stress, believes that a vast number of debilitating degenerative diseases -- including heart disease, rheumatoid arthritis, ulcers, and even cancer -- are caused by the gradual accumulation of stress over a period of years. In short, stressful lifestyles promote stress-related diseases.

Awareness of the stress-illness link has led psychologists to search for lifestyles that can minimize stress and maximize physical and emotional wellbeing. The field of "stress-management" is rapidly moving toward a holistic approach to health by promoting lifestyles that combine relaxation, diet, recreation, and realistic goal setting into a satisfying way of life.

By becoming sensitive to patterns of thought and behavior that underlie the driven, stressful Type A lifestyle, individuals can learn to alter these patterns and replace them with values and goals that are self-enhancing.

Like most perfectionists, the Type A personality is ultimately driven by a sense of guilt: a nagging internal demand that says, "I should be doing more" and "I shouldn't waste my time in recreation." By regularly setting and maintaining a balanced work schedule, you can overcome this guilt by experiencing firsthand the link between a healthy recreational life, a productive work life, and a happy emotional life. The understanding that what is good for your emotional life is also good for your work life will help you control your responsibilities, rather than letting the responsibilities control you.

It is instructive to contrast the Type A lifestyle with the concept of the self-actualizing personality that has emerged from the research of humanistic psychologists, such as Abraham Maslow. After studying a number of healthy, creative, happy individuals, Maslow was able to piece together a pattern or lifestyle that typifies the self-actualizing person.

Unlike Type A, who chronically worries about the future and future performances, the self-actualizing person lives primarily in the present and is engaged in activities that are interesting and fulfilling in the present time. If you have ever engaged in an activity that you enjoyed so much that you became fully absorbed in and lost track of

time, you will know the frame of mind common to actualizing persons.

Also, unlike Type A, the actualizing person is able to accept personal weaknesses or failures without allowing these shortcomings to alter self-esteem. The self-actualizing person wants to do well, but does not look upon an unmet goal as a catastrophe; rather, failure is an accident or a mistake that can always be corrected.

Finally, the self-actualizing person is flexible in thinking and in the application of values. Where the Type A rigidly expects and demands hard work and success in all situations, the actualizing person is far more self-accepting and sets goals in a more selective, reachable fashion.

The self-actualizing person chooses battles carefully and is fully immersed in the pursuit of a limited number of goals. The Type A personality, however, tries to fight all battles and becomes exhausted and inefficient in the process.

Perhaps the most distinguishing feature of the healthy lifestyle, however, is that the actualizing person demonstrates a sense of mission and purpose in life, a dedication to an overriding set of personal ideals.

The Type A personality is like a firefighter, ever rushing to respond to the alarm of the moment. Actualizing persons, in contrast, are guided by an overall set of values that lend meaning and coherence to their daily experience. Because they are working toward self-chosen, meaningful goals, their lives have a harmony and direction that is often lacking in the frantic pace of the Type A lifestyle.

Indeed, Maslow found that a distinguishing characteristic of actualizing persons is the presence of "peak experiences": moments of ecstatic joy in which the world is suddenly perceived as alive and meaningful. In such moments, everything "comes together" and the individual experiences an affirmation of self and world. This is a stark contrast to the disorganizing anxiety experienced by the overstressed Type A personality.

It is reasonable to infer that a positive lifestyle can not only provide the peak experience rewards of emotional fulfillment, but can also promote improved physical health by minimizing the stress that contributes to degenerative disease. The actualizing person is guided by positive values, rather than driven by deficit needs, and experiences no dichotomy between work and play, vacation and avocation.

In such a positive lifestyle, stress is not likely to accumulate, since the emphasis is upon attaining values, rather than avoiding failure.

At Cornell, faculty and staff members can use the counseling services of the Employee Assistance Program (EAP) or participate in Personal Growth workshops sponsored by the Dean of Students Office, to develop their own positive lifestyles. The emotional and physical well-being that accompany a self-developed, healthy lifestyle may prove to be one of life's greatest dividends.

Register Now for These Staff Development Programs

As part of this semester's staff training and development programs, Dr. Let Davidson will offer a four-part series of workshops entitled "Improving Personal Effectiveness," designed especially for secretaries, administrative aides, technicians, and other non-supervisory staff.

This program will focus on building the personal skills necessary to achieve effectiveness on the job. Other topics to be discussed include gaining greater self-confidence, integrity, and commitment; identifying and resolving barriers to effectiveness; taking responsibility for your personal achievements and effectiveness; and devising strategies for reducing job-related stress.

"Improving Personal Effectiveness" will be offered on four consecutive Thursdays: September 26, October 3, 10, and 17 from 9:00 until 12:00 noon. Charge to the department is \$40.00. Though not listed in the calendar, you can register for "Improving Personal Effectiveness" by using the registration form attached to your copy of the recent Contact Calendar of Fall 1985 Workshops and Seminars.

Additional information about this program and other staff development opportunities is available by calling Training and Development, 6-7400.

Register Now

Your Fall Calendar of Workshops and Seminars will arrive this week. With a number of workshops scheduled to begin very soon, we've included a brief description of the programs starting in September, along with a special form you may use to register for these programs. Check the listings for dates and times. Don't wait - register today!

Course: Begins:
EFFECTIVE COMMUNICATION: Improving Workgroup Relationships
September 24
October 1, 8, 15, 22, 30
9:00-12:00
Explore methods and techniques that can help you understand and work more effectively with others, successfully resolve conflicts, heighten your self-awareness and confidence. Learn how to communicate more effectively with others, improve your listening skills, provide effective feedback, and understand and accept yourself and others. Six-session program. (\$50.00 charge to dept.)

LOW BACK PAIN
September 23 or
October 21 or
November 18
6:45-9:00 p.m.
This two-hour workshop is designed for individuals who have experienced low-back

pain or who wish to prevent future occurrences. Topics include a description of back anatomy, causes of pain, stress-management techniques, and therapeutic exercises for preventing and treating low-back pain. Special Registration Procedure: Contact Physical Therapy at University Health Services: 6-7271. (\$10.00 fee due in advance.)

DIGITAL ELECTRONICS
September 24, 26
October 1 ...
8:00-9:15

With the course equally divided between lecture and lab sessions, participants will build and test a variety of circuits which illustrate various fundamental concepts. Topics to be discussed include circuit design and troubleshooting, the operation of sequential circuits, and the characteristics of various logic families (TTL, CMOS, etc.). A basic knowledge of electricity is recommended. Program meets Tuesday and Thursday mornings from September 24 to December 12, 1985. (Charge to be determined; not greater than \$200.00.)

INTERMEDIATE WRITING SKILLS
September 25
October 2, 9, 16,
23, 30
November 6, 13
1:00-3:00
Learn the fundamentals of effective

memo writing and sentence composition. Topics include a general review of grammar and punctuation, editing, and tips for writing clearly and concisely. Instruction includes assignments individually evaluated by the instructor. Eight-session program. (\$85.00 charge to dept.)

IMPROVING PERSONAL EFFECTIVENESS
September 26 (see related article)
RETURNING TO THE CLASSROOM?
September 26 & 27
9:00-12:00

Continuing education is becoming a way of life for many Cornell employees, whether they are seeking to improve their current job skills or working to improve their chances for future advancement. Re-entering the classroom after years away can be an exciting yet potentially intimidating experience. This special program is designed to help you prepare for that move back into the 'student' role. Learn how to evaluate your readiness for a return to the classroom and set specific learning goals and objectives. Find out more about your personal learning style and how to choose the courses that offer the best opportunities for achievement and success. (No charge to dept.)

FOCUS

On the Employee Assembly

by Bill Genter

Within Roberts Hall, several doors west of the post office, the Employee Assembly was holding its regular meeting. Following the friendly greetings, the sounds of brown bag lunches being quickly consumed, the last minute notices, and the distribution of University Assembly response to the proposed changes in maintenance of public order, the meeting was called to order.

Walter Relihan, university council, discussed in detail the proposed revisions to the campus code regarding the maintenance of public order. He explained the shortcomings of the present hearing board and how the proposed changes will effect employees. All employees are subject to the rules of the campus code and should make themselves aware of its contents.

The University Assembly response to the proposed changes to the campus code were discussed. The meaning of the following sentence is not clear to members: "Contrary to the view of the administration, many feel that the University was not seriously disrupted and that the safety of University personnel was reasonably maintained." In the discussions of this sentence, we found that answers depended upon the particular point of view taken. What is your opinion? Let your Employee Assembly representative know.

Lynn Coffey-Edelman, chair of the Employee Assembly, announced that she will be leaving the Ithaca area on September 25, 1985. Mick Ellis, vice-chair, will assume duties of chair at the time of Lynn's resignation. Employee Assembly members will select another vice-chair at the September 18th meeting.

Any employee interested in attending a breakfast with an administrator? Contact a member of the Employee Assembly for dates, times and administrators' names.

Have a Say in Campus Affairs

Would you like to be more involved in campus life and have a voice in what happens to you and your coworkers at Cornell? Then become a member of the Employee Assembly. The Employee Assembly now has three vacancies and we need people who are interested in playing a role in the decision-making process.

The Employee Assembly is part of the campus governance system. Members of the assembly meet with representatives from personnel, transportation, dining, and other campus departments to discuss issues of interest to employees. Members also have regular meetings with Senior Vice President William Herbster and Director of University Personnel Services Lee Snyder. The Employee Assembly and its members play a significant role in advising administrators on the needs and concerns of workers at Cornell.

Employee Assembly activities do not require a great amount of time. The assembly meets on the first and third Wednesdays of each month from 12:15 p.m. to 1:30 p.m. and supervisors are encouraged to allow employees time off for this important campus work. It is important for all of us to participate so that we will continue to have some say in what happens to us as Cornell employees.

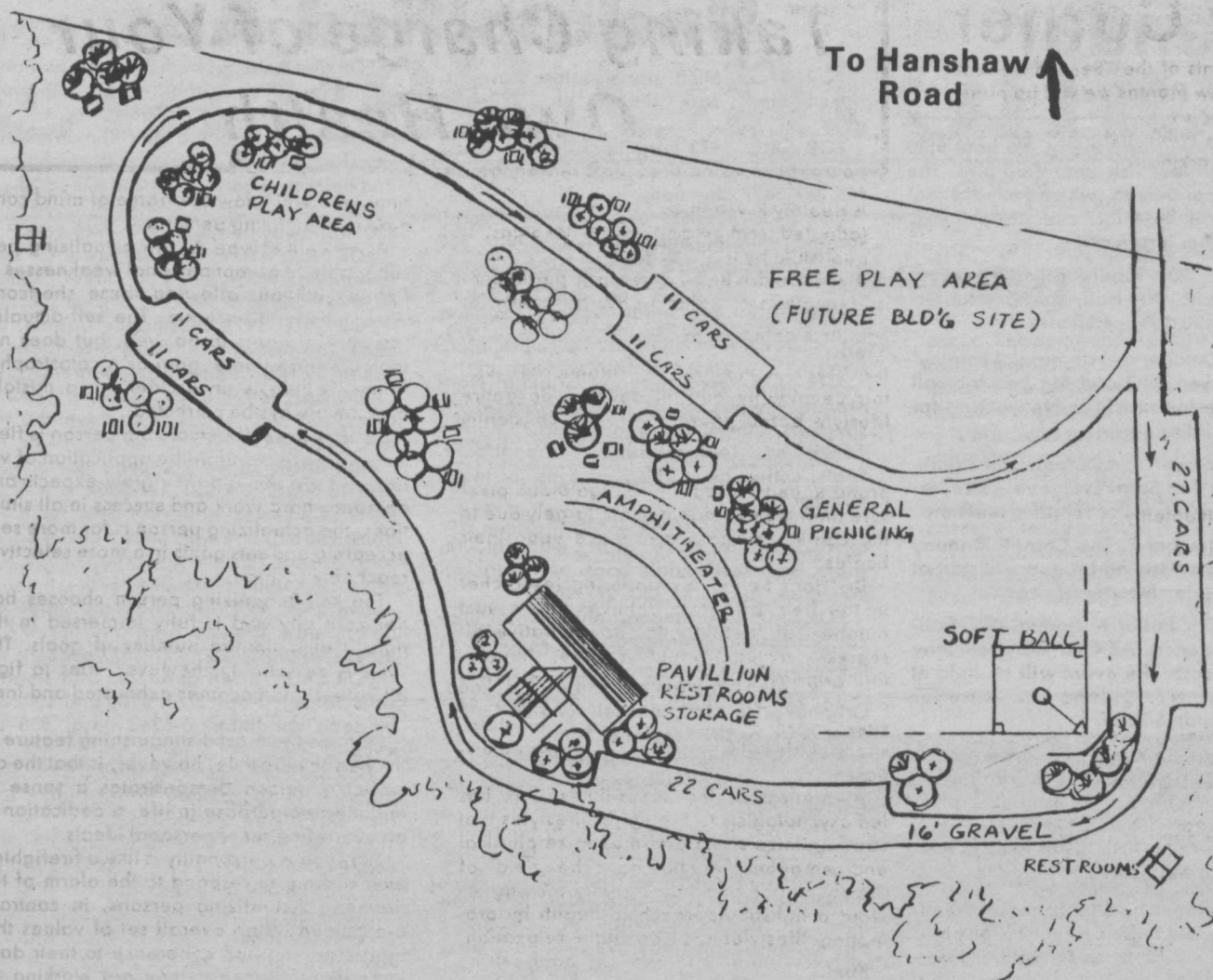
If you are interested in having a voice in what happens on campus, send your name, campus address, telephone number, and a brief description of your interest in serving on the assembly to Office of the Assemblies, 165 Day Hall.

A Healthier Place to Work

Do you have ideas that could make Cornell a safer, healthier place to work? Then join the Health and Safety Task Force of the Employee Assembly.

The Health and Safety Task Force meets with representatives from the Office of Environmental Health, the Division of Campus Life, and other areas to talk about issues of concern and interest to try to resolve problems (or to keep problems from occurring) regarding health and safety on campus. The committee meets about twice a month at times and dates determined by members.

Anyone interested in serving on this committee should send name, campus address, telephone number, and particular interests relating to health and safety to the Office of the Assemblies, 165 Day Hall.



This progress print shows a preliminary plan for the development of C R C Park. The first portion to be developed will be the main pavilion, rest rooms and storage area.



CORNELL RECREATION CLUB

News About the C R C Recreation Park

by Sally Clark

As this goes to press, all University faculty, staff and local retirees will have received the 11th Annual Employee Day schedule and the CRC coupon book. Peg Beach of CRC notes, 'The Cornell Recreation Club has sponsored this coupon book with the hope that it will help inform everyone about Cornell. If you haven't received your coupon book by next week, please call me at the CRC office 6-7565.'

News about the CRC Recreation Park Look for information early in October about how you, as an employee, can make a tax-deductible contribution for the CRC park building fund. There will be a fund-

raising drive to raise money for building and ground work. Let's all help make this future dream a reality!

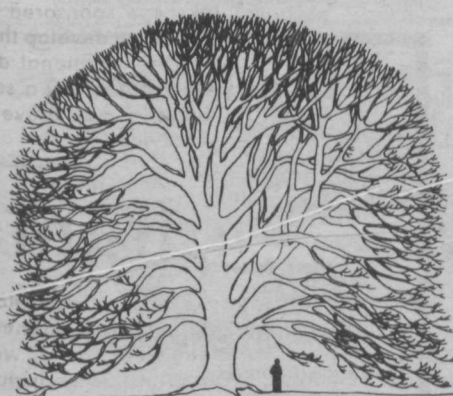
Each of our current CRC members should consider recruiting at least one new member. Check with your building ambassador for membership forms.

There is still space available for the Vernon Downs trip. The date is September 21. Sign up today since space is limited to forty. The price is \$22.00 per person and includes bus, entrance to the club house, buffet dinner, tax and tip. Unfortunately, the September 14th chicken barbeque had to be cancelled due to lack of interest. Come on members... let's support our CRC Club.

If anyone is interested in a fall shopping spree to Reading, PA - please contact the CRC office. We will go only if there is sufficient interest. The date is tentatively set for October 19 so check your calendar and ask a friend to come along. There are some great buys and a new shopping area in Reading to check out. Let us hear from you today.

CRC will sponsor a pancake breakfast on Sunday, October 6 in conjunction with the October 5 Employee Day. Everyone is welcome and the price is \$3.00 per person, children under 5 eat for free. Serving will begin at 7:00 a.m. and for you late risers, will continue until 12:00 noon. See you there!!

International Crop and Weed Garden



If you think Ithaca's climate is too cold for cotton and bananas, it's time to discover the International Crop and Weed Garden at the Cornell Plantations. Here students and visitors learn about plants from all over the world that are used for food, fiber, and oils.

"People from Ithaca can see crops like cotton, bananas, and rice growing outside," says Kathy Howard, teaching support aide in agronomy who cares for the garden. How-

ard starts many of the plants in a greenhouse during the spring and later transplants them to the garden site near plantations headquarters.

The crops are broadly divided according to their uses. For example, in the oil and fiber group are peanuts, which originated in South America, and soybeans, which came from eastern Asia; both crops provide food, oil, and meal to various continents. Seed oil from the tropical castorbean is used in soaps and aircraft lubricants. Also in this group are kenaf, a plant grown in Thailand, India, and the U.S.S.R. for its soft fibers; and flax, which provides oil for paints and fiber for linen.

Other groups in the garden are the forage grasses -- like timothy and Kentucky bluegrass -- that provide food for grazing animals; cereals, such as rice, wheat, millet, and sorghum; grain legumes, such as lentils and red kidney beans; and corn hybrids.

Plants in the terraced weed garden, adjacent to these crops, might look all too familiar to the gardener. Interested on-lookers can see over 40 common weed species that invade New York State cropland.

All of the plants in the International Crop and Weed Garden are labeled, and visitors can pick up a free brochure there or at the plantations gift shop. A variety of grains from this garden will be on display at "Fall-In," a celebration of plants at Cornell Plantations on October 5 (raindate: October 6). For more information, contact the Cornell Plantations, One Plantations Road, Ithaca, NY 14850, 607-256-3020.

Dedicated Service Award

Many individuals at Cornell University contribute to the success of their department and the University through the use of talents that may not be recognized in their official job description.

Do you know someone who takes particular pride in their work, who exhibits a willingness and cheerfulness in the dispatch of their duties, who provides service beyond the call of duty, and who makes life at Cornell a rewarding experience for those with whom they come in contact? Networking is looking for special people you feel should be recognized for their special contribution. The **Dedicated Service Award** is open to any Cornell employee, regardless of rank.

Nominate someone today by filling in this form and please note that you should accompany your ballot with a paragraph explaining why you wish to nominate this person and a list of signatures from other department members supporting your candidate. If your candidate is selected, we will be in touch with you to supply additional information.

For the Dedicated Service Award
I NOMINATE

Employee's name: _____ Phone: _____
Department: _____
Working Address/Phone #: _____
Person submitting nomination: _____
Dept./Address: _____ Phone: _____

Mail to: Carol Thurnheer, 216 Plant Science Bldg.

Employee Calendar

Events of Particular Interest to Cornell Employees

September 19. Open Blood Pressure Screening Clinic. Clark Hall, E-18. 8:30 a.m. - 12:00 noon

September 19. Open Blood Pressure Screening Clinic. Clark Hall, conference room. 1:00 p.m. - 3:00 p.m.

Saturday, September 21. Vernon Downs trip sponsored by the CRC. The cost is \$22—members, \$5 extra for nonmembers. Price includes bus fare, entrance into the club house, the "Miracle Mile Buffett," tax and tips. Space is limited to 40 people. Call the CRC office 6-7565 for more information.

September 25. Open Blood Pressure Screening Clinic. Roberts Hall, room 8. 9:00 a.m. - 3:00 p.m.

September 26. Open Blood Pressure Screening Clinic. Baker Lab, room 132. 8:30 a.m. - 11:30 a.m.

Friday - Sunday, September 27-29. Deep sea fishing trip to the Atlantic Fleet out of Rye, NH. Sponsored by the CRC. Departure

is Friday evening, arriving at the boat 5:30 a.m. on Saturday, fish until 4:30 p.m. The cost is \$110 per person, which includes motel, tackle, bait, beer and bus. Call the CRC office for further information.

September 30. Open Blood Pressure Screening Clinic. Day Hall, 3rd floor conference room. 8:30 a.m. - 4:30 p.m.

Saturday, October 5. 11th annual Employee Day! Chicken BBQ and Big Red football game. Please see article in Networking for further information.

Sunday, October 6. CRC pancake breakfast at the Big Red Barn. Everyone welcome. Please call the CRC office for price and time.

Monday, October 7. The Cornell Monday Night Women's Bowling League will start at 5:15 p.m. at Helen Newman Lanes.

Saturday, December 7. Annual CRC holiday dinner—dance. All CRC members may attend at no cost. The event will be held at TC3 in Dryden, NY. Call the CRC office for more information 6-7565.

Wednesday, October 2. Employee Assembly meeting, 12:15 p.m. Room B-8 Roberts.
Saturday, October 5. 11th Annual Employee Day Chicken BBQ and Big Red Football Game. Please see article in this issue of Networking for further details.

Sunday, October 6. CRC Pancake Breakfast at the Big Red Barn. Everyone welcome. Please call the CRC office for further information.

Wednesday, October 16. Employee Assembly meeting, 12:15 p.m. Room B-8 Roberts Hall.

Submit listings for employee calendar to editor, University Personnel Services, 130 Day Hall.

Women's Bowling Team

The Cornell Monday Night Women's Bowling League is in need of two- and three-member teams. Bowling will start on Monday, October 7, 5:15 p.m., at Helen Newman Lanes. This is a short, 22-week league. Anyone interested, please contact Judy Bower at 6-4843 between 8 a.m. and 4 p.m., or at 273-0086 after 5 p.m.

Ithaca Rape Crisis

A series of workshops in rape prevention and self defense for women will be cosponsored by Ithaca Rape Crisis and Wind and Water Martial Arts. The series will be held Sunday evenings, 7:00 - 9:00 p.m., October 6-27 at Henry St. John Gymnasium, 301 S. Geneva Street, Ithaca.

The series will consist of four sessions covering community resources, prevention, assertiveness skills, and physical options. Instructor for the series is Cassandra George, a third degree black belt who has taught self defense and assault prevention for over ten years.

Preregistration is necessary. Tuition is \$5 per session. For further information, contact Ithaca Rape Crisis at 273-5589.

Networking Deadlines

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)

Workshops and Seminars

Use this form when registering for programs listed in the calendar of Workshops and Seminars. Please make additional copies of this form as needed to register for more than one program during the semester.

Although many courses are offered entirely free of charge, some programs carry a specific charge to your department. Prior to registering for a program, it is important that you discuss with your supervisor the time commitment and any departmental charges associated with your participation in a specific program. Individual employees are never charged for courses offered through the training calendar.

Note to supervisors: Supervisors should ensure that all charges to departmental accounts have been approved through appropriate channels before the registration form is submitted.

Please note that all workshops and seminars are filled on a first-come, first-served basis. Submit a completed registration form with all required information and signatures to reserve a space in the program of your choice. You will receive a confirmation notice approximately two weeks prior to the start of the program. If space is no longer available in a specific course, you will be notified and your registration placed on 'hold' until a new program can be scheduled.

Please return this completed form to Training and Development, 111 Day Hall. For additional information about the programs listed in this calendar, as well as additional staff development opportunities at Cornell, contact Training and Development, 6-7400.

Please make copies of this form when registering for more than one course.

Program Registration Form
Training and Development
111 Day Hall 6-7400
University Personnel Services

Date Received:

The following information is required to process your registration. Please type or print clearly.

Program name: _____
Date and time: _____ Cost: _____
Name: _____ Cornell ID#: _____
Title: _____
Department: _____
Campus address: _____ Telephone: _____
Account number to be charged: _____
(Required only for programs with a course charge.)
Supervisor's name: _____ Supervisor's signature: _____
Supervisor's campus address: _____
Department head's name: _____
Department head (or designee's) signature: _____

Unclassified Ads

FOR SALE: MGB parts galore: motors, transmission, wire sheels, etc. 272-4680 eves.

FOR SALE: 1973 Ford truck, needs work, new brakes, good tires. Best reasonable offer. 387-6677 after 5pm.

FOR SALE OR FREE: to good home. English springer spaniel, male, 1 yr, blk—wh. \$50 with papers; free NO papers. 387-6677 after 5pm.

FOR SALE: 4x8 utility trailer, customer built, side walls. Exc. cond., used once. 272-5381.

FOR SALE: German-made Grundig, Nord Mende, Phillips radios. Sherwood receiver, speakers, others. German cameras, Munich beersteins. Teak queen-size headboard. Tools; collectibles. 272-5910 eves. or leave number.

FOR SALE: 1982 Yamaha Vision 550cc. Water-coiled, shaft drive, faring with am—fm radio, back rest, saddle bags, and more. 6,000 miles. Asking \$1,750. 277-3843.

FOR SALE: Color topographic map of Ithaca, professionally framed. \$45. 273-0797 or 6-5282.

FOR SALE: 14 gallon humidifier. Exc. cond. Original price \$160, will sell for \$85. Call 6-3541 days, or 589-6662 after 5pm.

FOR SALE: Dwarf, sable rabbit, \$20; includes cage, small wooden box, and stand. Kathy 6-5438.

FOR SALE: Sears exercise bike, good condition, \$25. 273-0940 after 3pm.

FOR SALE: Used Philco chest freezer, 5 cu. ft. \$50. Used Maytag gas dryer, \$90. Two used, studded winter tires, 13", mounted and balanced on rims, \$90. 844-4643 after 5pm.

FOR SALE: Accurized Daisy 777 precision air pistol with accessories. A proven match winner, \$150. Gary 6-7515.

FOR SALE: 1973 Buick Centurion, 2 door sedan, 80,000 miles, \$500 OBO 257-2559.

FOR SALE: Mazda GLC. 1977 newly painted, new muffler, new choke, new horn, very little rust. A very good car. \$1,600 OBO. 6-3318 leave message, or 533-7766 not eves.

FOR SALE: Airtight woodstove, \$150. Westinghouse 30" electric range \$75. 4 sections tri-wall stovepipe, \$12 a piece. 1973 Datsun pickup for parts \$500. 539-6723 after 6pm.

FOR SALE: 1976 Mercedes diesel, exc. mileage, fine mechanical and body condition. Must sell soon. 6-7434, 272-4694. No reasonable offer refused.

FOR SALE: 1981 El Camino classic, laminated black w—burgundy interior, only 36,000 original miles, showroom condition. 607-642-8713 after 6pm.

FOR SALE: 1975 Olds Starfire, new battery, new exhaust system, rebuilt carburetor, new water pump, 4 extra mag rims, 2 extra regular rims, \$950 neg. Bernie 6-5257, 564-9375.

FOR SALE: 17 1—2" Cortina English saddle, exc. cond., \$150; 2 western saddles, \$100 each; assorted tack and stable blankets, 564-9375.

FOR SALE: OC-6 dozer, PTO, 3-pt. hitch, good cond., \$3,600 neg. Bernie 6-5257, 564-9375.

FOR SALE: Yearling pinto pony filly, driving or hunter prospect, \$324; Beautiful bay colt (3 yrs) hunter—jumper prospect, \$1,200 neg. (willing to geld), 564-9375.

FOR SALE: Buck wood stove with glass doors and thermostatically controlled blower (2 speed), \$600 includes stoveboard, chimney, grate and misc. accessories. Aquaria and bird cages. 273-3376 (eves & wkends).

FOR SALE: Toyota pickup 1981, 63,000 mi, cap, am—fm cassette, California car, \$4,800 ONO. 257-2228.

FOR SALE: Imported Hercules 10-speed bike. Just reconditioned. Asking \$125. 387-5292 after 4pm.

FOR SALE: 125cc Vespa scooter, blue, windshield, carrier and box. Runs well. 272-1954, keep trying, eves.

FOR SALE: In ground 18 x 36 swimming pool liner, filter system, cover, 450 pounds chlorine. \$495. Call 272-5289.

FOR SALE: Bath tub and shower wall -- wood vanity with sink, glass fireplace cover and bathroom hardware. Call 272-4107.

FOR SALE: Woman's bicycle, good cond, \$30. Rollaway bed, \$50. 277-4940 eves.

FOR SALE: 4 ft. sickle bar mower for an International Harvester Cub Cadet: Jane 6-6426 ext. 248 or 315-496-2117 after 5:30pm.

FOR SALE: 1978 Oldsmobile Cutlass, exc. cond. (no rust at all), newly rebuilt engine Asking \$2,800. 257-5077 (leave message).

FOR SALE: 1977 Chev. Half-ton pickup. 6 cyl., 3 spd. Very solid, never driven NY winters. 844-8575.

FOR SALE: Sanyo kerosene heater, OHC 510, 18,000 BTU's, \$50. 277-3694.

FOR SALE: Cap with rear door for pickup truck. Fits 8 ft. box with wide sides. Also, cap for 6 ft. box, narrow sides, hatchback. 1962 Chev. pickup for parts. 844-8575.

FOR SALE: 1977 Chevy Impala, good condition, new brakes, tires, muffler, 77,000 miles. Asking \$1,200. 277-3877 eves.

FOR SALE: 2 refrigerators, with small inside freezer, 1 apt. size. \$100 and \$50. Both in good condition. 6-6240 days, 533-4507 eves.

FOR SALE: 17' Boston Whaler, 70 hp. Merc. heavy duty Shoreland'r Roller trailer. Spotless, \$7,995 neg. 257-5523.

FOR SALE: 1979 Mercury Capri, 4 cyl, 4 spd, 84,000 miles, surface rust. Good winter car. \$850. 564-9227 eves.

MUST SELL: 1983 Oldsmobile Cutlass Supreme Broughm, loaded, mint condition. Also, 1981 El Camino Classic Lacquer black (mirror-shiny) maroon interior - loaded, 35,000 miles - original owner, showroom condition. Call after 6:00, 642-8713.

FOR RENT: Home in Cayuga Heights, 3 bedrooms, 2 baths, fireplace, large yard, patio; available immediately through August 1986; no pets, lease required; \$600/month util. Ideal for 3 grad students or small family. 6-2345, 898-3736.

WANTED: Canopy bed, twin size, suitable for little girl. 6-3541.

WANTED: Kiddie pool up to 3 ft. sq; 1 man life raft; can you do minor sewing repairs, alterations? Pat Long 6-5479, 272-5808.

WANTED: Quiet nonsmoker to share 2 bedroom apartment in rural setting. large living room, kitchen, 10 min. to Cornell \$142 per month plus 1—2 electric. Graham 277-4552 eves.

WANTED: Instructor needed for dance, piano—guitar and gymnastics for the Enfield Afterschool Program. 277-3843.

WANTED: Retina III camera. 272-7616.
ADULT JAZZ EXERCISE DANCE CLASS: Tuesdays and—or Thursdays. 7:00 - 8:00 pm. Call 257-5677 for further information.

Please submit all unclassified ads to Carol A. Thurnheer, Plant Biology, Plant Science Bldg. NO ADS WILL BE ACCEPTED OVER THE PHONE. The deadline for the October 3rd issue is September 30th. At this time all unclassified ads are free of charge to Cornell faculty, staff and graduate students.

Editorial Board

Donna Updike	John Bender
Mary Jamison	Mary Ellen Jones
George Peter	Anna Moratz
Ron Parks	Dominic Versage
Linda Rossi	Leona House
Margaret Seacord	Jim Kuehl
Stacey Coil	Carol Thurnheer

UNIVERSITY PERSONNEL LIAISON

Laurie Roberts
PRODUCTION
Cheryl Seland

Breakfast with Administrators

If you are an employee and would like to have breakfast with one of the above administrators, please fill in the coupon below or call Office of the Assemblies, 256-3715.

Oct. 23: Lee Snyder Director of Personnel
Nov. 21: Carol O'Brien - Director of Development
Dec. 12: Hal Craft - Director of Telecommunications

Name _____
Campus Address _____ Phone _____

I would be interested in having breakfast with:

Return coupon to Office of the Assemblies, 165 Day Hall.