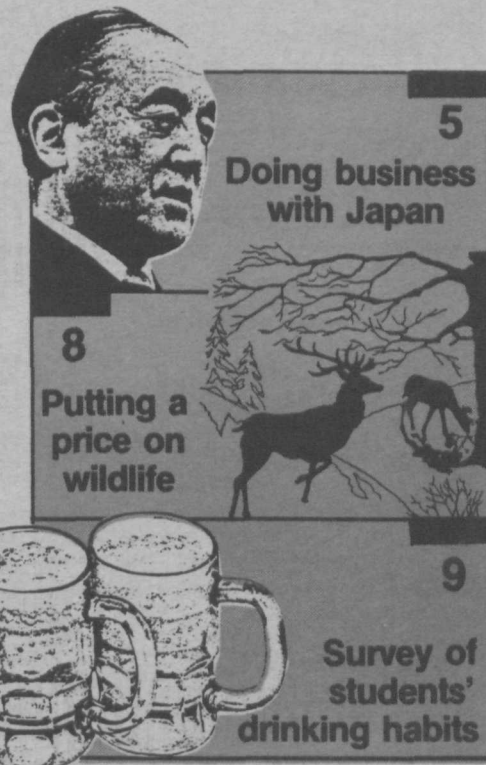


Cornell CHRONICLE

Volume 18 Number 32 May 7, 1987



Morley named senior V.P.; Palmer, vice provost

Law professor to lead reviews of curricula

Law professor Larry I. Palmer has been named vice provost for academic programs for a five-year term beginning July 1.

Palmer, who served in the post from 1979 to 1984, will succeed Barry B. Adams, who will return to the faculty in English at the end of his three-year term June 30.

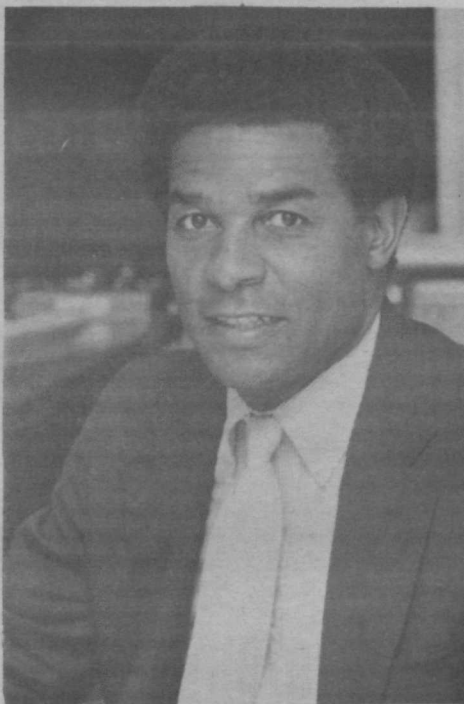
Palmer's appointment, subject to approval by the University Board of Trustees, was announced May 5 by Provost Robert Barker.

"Professor Palmer brings great energy and extensive experience to this increasingly critical position as Cornell seeks new ways to integrate its research and scholarship with its primary function of teaching," Barker said.

"His clear understanding of the importance of undergraduate education in a research university ideally suits him for the broadened leadership role we are assigning to the vice provost for academic affairs.

"I can think of no one better prepared nor more committed to the creative task of coordinating the various curriculum reviews and innovations now underway in the university's undergraduate colleges and schools," the Provost concluded.

In addition to his previous experience as vice provost, Palmer served as the 1976 Law School Representative for the Faculty Council of Representatives and as a member of the University Committee on Recombinant DNA. He has been a member of the University Human Subjects Committee since 1975. In 1979-82, he was a



Larry I. Palmer

member of the National Institute of Education's Study Group on Law and Governmental Studies.

Palmer, 42, is a specialist in family, medical and criminal law. He was on the Rutgers Law School faculty from 1970 until coming to Cornell in 1975. In 1969-70, he was law clerk for the U.S. District Judge A. Leon Higgenbotham Jr., now a member of the U.S. Court of Appeals in Philadelphia.

He was graduated cum laude with an A.B. degree from Harvard College in 1966 and received a law degree from Yale University in 1969. He graduated from The Phillips Exeter Academy in 1962.

Treasurer named top administrator

James E. Morley Jr. has been named the university's chief administrative officer, succeeding William G. Herbster, who announced his retirement earlier this year.

Morley, who will assume his new responsibilities as senior vice president on July 1, joined the Cornell administration in 1985 as vice president and treasurer, responsible for the financial functions of the university. This includes the office of university controller, the investments office, trust office and university auditor.

His new appointment, announced May 5 by President Frank H.T. Rhodes, is subject to approval by the University Board of Trustees.

Rhodes said: "I am delighted that Jay Morley has agreed to accept the senior vice presidency. He brings to this important position a wide range of professional experience and analytic skills that already have served Cornell well during the two years he has been at the university. I am confident that he will bring aggressive and effective leadership to the university's administrative and support programs that are so vital to enhancing the academic mission of the university."

Morley said: "I am both honored and flattered to have this opportunity to work with President Rhodes and Provost Barker, the deans, members of the faculty, our students and my administrative colleagues to enhance the administrative services and programs of one of the world's great universities."

The position of senior vice president was established in 1976 as the top non-academic



James E. Morley Jr.

post at the university answering directly to the president. The senior vice president, a post first held by Herbster, is in charge of the day-to-day direction of virtually all non-academic areas and support services of the university.

The vice presidents for campus affairs, facilities and business operations, and public affairs, as well as the treasurer, and directors of human resources and athletics report to the senior vice president. The senior vice president also provides administrative support to the university counsel and secretary of the corporation.

Continued on page 5

Panel urges urban emphasis for Cooperative Extension

The county agent system founded three-quarters of a century ago to improve the lot of farm families should devote its attention in the 21st century to water pollution, urban youth, housing and public health issues including AIDS, a new report says.

That need to reach an increasingly urbanized population is a key finding of the Commission on the Future of Cornell Cooperative Extension, which made public its report May 4 following a nine-month study.

The 15-member commission was headed by Robben W. Fleming, president emeritus of the University of Michigan, and included representatives of industry, agriculture, education, and state and local governments. It was appointed by President Frank H.T. Rhodes. Cornell is New York's land grant university and is responsible for the state's cooperative extension system.

With agriculture still the state's largest industry, and with a strong commitment to Cornell Cooperative Extension among farm families, the report suggests the need to help make farms more profitable through better management, but also to find part-time work and even alternative means of livelihood for the 7,200 New York State farmers likely to go out of business by 1990.

The report asks Cornell and the county Cooperative Extension associations to apply research-based knowledge to contribute to economic development in both urban and rural areas. "Working relationships can be



Jim Spiro, a Cornell Cooperative Extension representative who has since retired, helps youngsters with their vegetable garden in New York City in 1977. Cooperative Extension is celebrating the 10th anniversary of its nationwide Urban Gardening program.

established and expanded between business firms and college researchers which will increase business investment and private sector jobs," it says.

Toward the goal of enhancing the environment, the commission says that "additional programs are needed to deal with water quality and all the pollutants by which it is degraded," as well as with solid waste. It also calls for "better management of natural resources," including forests and fisheries.

Looking at demographic trends, the report calls for extension programs targeted at the ever-growing population of the elderly and at the rapidly increasing population of minorities. "Cornell research and extension programs have an opportunity to assist youth in the metropolitan centers to develop a productive future for themselves... with appropriate educational opportunities," the commission feels.

"Nutrition and health cry out for educational intervention," the report says, urging research and education on problems of premature birth and high infant mortality, as well as "the staggering AIDS problem."

Because many of the problems to be targeted are urban and because 40 percent of the state's population lives in the five boroughs of its biggest city, the commission asserts that "it is important that New York City and state funding expand the current Cooperative Extension presence in New

Continued on page 4

Notable

George P. Hess, professor of biochemistry, molecular and cell biology and a specialist in protein chemistry, was among 61 American scientists elected April 28 to membership in the National Academy of Sciences.

His election brings to 38 the number of Cornell faculty members in the country's leading honor society for scientists. Besides conferring prestige on outstanding scientists and engineers, the private organization acts as an official adviser to the federal government on technical matters.

A member of the Cornell faculty since 1956, Hess conducts research into the biochemistry of nerve and muscle cells. His recent work has aimed at understanding the molecular basis of the initiation and propagation of nerve impulses.

Hess began teaching as an instructor in biochemistry at the Cornell University Medical College in 1955 after earning bachelor's (1948) and Ph.D. (1953) degrees from the University of California at Berkeley. He was appointed an assistant professor of biochemistry here in 1956.

Barton Blotter: Computer taken

A \$1,600 portable computer was stolen from second floor of Carpenter Hall May 1, according to the morning reports of the Department of Public Safety for the period April 28 through May 3.

A total of 14 thefts with losses of \$5,018 in cash and valuables was reported on campus during the six-day period.

Other thefts included a \$600 sofa taken from Clara Dickson Hall, two bicycles worth \$450 each, a \$800 VCR and tuner taken from Bard Hall and a \$400 double cassette deck stolen from the audio visual room of Willard Straight Hall.

Four reported thefts from purses and wallets totaled \$148 in losses of cash and valuables.

Computerized copies of the most current daily report may be called up on CUINFO under the title SAFETY.

Correction

A brief item in last week's Chronicle included incorrect information about making international telephone calls from unreticulated campus telephones.

To do so, one should press 9 + 011 + the country code (two or three digits) + the local telephone number. Set-up time can be reduced by pressing the # symbol at the end of the local telephone number. This sends an "end of dialing" signal that eliminates the need to wait a few extra seconds for the call to be processed. For further information, call Judy VanDermark at 255-5502.

Cornell CHRONICLE

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Published 40 times a year, Cornell Chronicle is distributed free of charge to Cornell University faculty, students and staff by the University News Service. Mail subscriptions, \$25 per year; two-year subscriptions are \$45. Make checks payable to Cornell Chronicle and send to the Cornell Chronicle, Village Green, 840 Hanshaw Road, Ithaca, N.Y. 14850-1548. Telephone (607) 255-4206.

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

POSTMASTER: Send address changes to the Cornell Chronicle (ISSN 0747-4628), Village Green, 840 Hanshaw Road, Ithaca, N.Y. 14850-1548.

It is the policy of Cornell University to support actively equality of educational and employment opportunity. No person shall be denied admission to any educational program or activity or be denied employment on the basis of any legally prohibited discrimination involving, but not limited to, such factors as race, color, creed, religion, national or ethnic origin, sex, age, or handicap. The university is committed to the maintenance of affirmative action programs that will assure the continuance of such equality of opportunity.

ILR conference to examine absenteeism, novel contracts

Labor relations experts from the School of Industrial and Labor Relations, companies and unions will examine how management and labor are cooperating to tackle problems such as absenteeism at a conference May 12 in Rochester.

"Reducing absenteeism is a major factor in improving production," said Alice B. Grant, director of the Rochester office of the ILR School, which is sponsoring the conference.

More than 100 labor and management officials engaged in collective bargaining and contract administration are expected to attend the conference, which will include four case studies and discussions by two members of the ILR School faculty.

The conference will be held from 8:30 a.m. to 4:30 p.m. in the Riverside Convention Center.

Professor Ronald L. Seeber will offer perspectives on recent changes in contract administration in the morning, and Professor Harry C. Katz will explore new directions in labor relations in the afternoon.

One case study that will be presented at the conference involves Snyder Tank Corp., a Buffalo-area company that says it is the largest U.S. producer of truck fuel tanks and one of two major suppliers. There were eight major suppliers as recently as five years ago, according to John Coleman, the vice president and general manager, who will participate in the conference.

Last year, Snyder Tank and Local 55 of the United Auto Workers reached agreement on a contract that includes provisions some observers consider trail-breaking: Wage increases are based on improved worker skills, and management has flexibility in assigning workers to different jobs.

Coleman and Geri Ochocinska, international representative for Region 9 of the UAW, agree that the pact has helped to foster labor-management cooperation. Ochocinska will participate in the conference.

How far has this cooperation gone? When management representatives visit customers to resolve problems or to gather information to bid on new jobs, workers who are union members often go with them.

Ochocinska said Local 55 may be the only UAW unit with such a program in place, although others are experimenting with it.

Coleman said workers began going on calls with management representatives about a year and a half ago to help deal with quality complaints. Worker participation grew as it became evident that people producing the tanks could help in answering customers' questions.

He said that when Snyder's on-line personnel got together with a customer's on-line people, "Invariably, the solution that group came up with were better than what we were getting in the past."

Ochocinska said the improvement in relations between management and labor at Snyder Tank has been "gradual over a period of time" and most prevalent over the last couple of years.

Among new methods for combatting absenteeism to be discussed at the upcoming conference are no-fault disciplinary systems and incentives that reward good attendance. Ochocinska said the company did not succeed with either approach.

Increasing employee involvement in the company "gave them a feeling of a real interest in the company, and that does a lot to change attitudes," she said.

The Snyder Tank case study will be presented at 2:15 p.m. Other case studies will be presented on General Motors Corp. and the UAW, at 9:45 a.m.; Xerox Corp. and the Amalgamated Clothing and Textile Workers Union, at 11 a.m.; and the U.S. Postal Service and the National Association of Letter Carriers, at 3:30 p.m.

— Barry Gross

Wing labs reopened after clean-up of radioactive phosphorous-32

Cornell environmental health officials reopened two biological research laboratories on the third floor of Wing Hall, the university's biochemistry building, on the afternoon of April 30 after cleaning up a spill of radioactive material.

There were no injuries and no release of radioactive material to the environment beyond the laboratories, where there was an accidental spill of phosphorous-32 solution while a graduate student was conducting research, according to Dominic A. Versage, the university radiation safety officer who directed the cleanup for the Cornell Office of Environmental Health.

Four graduate students underwent decontamination procedures to remove P-32 from their skin. The shoes of six other individuals were contaminated, but those persons did not require treatment. Treatment for exposure to radioactive materials such as P-32 involves thorough scrubbing of the

skin.

P-32 is used as a tracer in biological systems and is considered moderately hazardous. The spill involved about 10 millicuries of radioactivity.

On April 29, the entire third floor of Wing Hall was closed for three hours while corridors were checked for contamination, temporarily displacing about six laboratory workers. No evidence of contamination was found outside the laboratories where the spill occurred.

The New York State Department of Health was notified of the incident and was kept informed of cleanup activities.

Versage said the university's Office of Environmental Health is continuing an investigation into the cause of the accident and how future occurrences can be prevented.

— Roger Segelken

Book stacking charges dropped for 11

Judicial Administrator Thomas J. McCormick has dropped charges against 11 of 12 students cited in connection with a book-stacking protest in Uris Library.

McCormick said that after further investigation he did not have sufficient evidence to proceed against the 11, who were charged on April 27 with disrupting or attempting to disrupt the functioning of the library, a violation of the university's Rules for the Maintenance of Public Order.

About 1,500 books were removed from Uris Library shelves as part of a protest by some 100 Asian, black, Hispanic and white students. Their grievances covered a variety of issues, including university investments, minority rights, federal cutbacks in aid to education and campus policies regarding payment of tuition.

The one student still charged is expected to appear sometime in May before the University Hearing Board.



Charles Harrington

Briefs

■ **Road entrance closed till May 22:** The west end of Forest Home Drive at the East Avenue and Triphammer Bridge intersection is closed to all traffic through May 22. The road is torn up for pipe and valve work at the Chilled Water Plant. Access to parking areas near Toboggan Lodge and Martha Van Rensselaer Hall off Forest Home Drive is possible from the east along the drive.

Also, about 30 spaces of J Permit Parking will be eliminated indefinitely around Bailey Hall beginning May 11 due to construction of Academic I. J Permit Parking is available at other campus locations including Tower Road, the new parking garage and north of Martha Van Rensselaer Hall.

■ **Volunteers sought to raise seeing-eye dogs:** Cooperative Extension of Tompkins County is looking for volunteers to assist in the "Guiding Eyes for the Blind," a program that trains dogs for use by the blind.

Cooperative Extension is looking for famor individuals who can raise guide dogs for one year, prior to the time when they are professionally trained for work with the blind. Volunteers and dogs participate in 10 ilies weeks of mandatory meetings to learn basic obedience.

Currently, 45 puppies are ready for placement. Experience is not necessary. For more information or to apply, Sandy Roberts can be reached at 273-6859.

■ **Memo outlines use of Diners Club card:** Approximately one year ago, the university entered into an agreement with Diners Club to provide a corporate charge card program for university travelers. In a recent memo to faculty and staff, J.S. Ostrom and Nathan Fawcett from the Office of the Controller discussed procedures related to using the card.

Purchasing airline tickets in advance, travel abroad, the inability to use the card in certain locations, third party reimbursements and use of travelers checks were all discussed in the memo. Any faculty or staff member who would like more information about this may contact Ostrom at 255-4242.

■ **Steam shutdowns set for early June:** The annual campus-wide steam shutdowns have been scheduled from 5 a.m., June 2 through 5 p.m., June 4. The shutdowns are necessary for maintenance work on the steam distribution system and repairs to the Central Heating Plant. If an office or department anticipates problems due to this shutdown, a representative may contact the Customer Service Center at 255-5322.

Keyword database needs cooperation of scholars, researchers

Creation of a keyword-database of experts comprised of Cornell's 2,100 faculty and researchers is now well under way. Some 500 professional profile questionnaires, mailed in February, have been received. Faculty members, senior research associates and senior Cooperative Extension associates who have not returned the questionnaires are encouraged to do so as soon as possible.

The profiles will create a computer keyword-database, which will be made available to a variety of people on campus and off. Expected database users include businesses, sponsors of scholarly work, government agencies and members of the academic community. The profiles also will be used to update Cornell News Service files.

The Office of Sponsored Programs is responsible for creating the database. Initially, the database will be available on computer disks and, eventually, will be entered into the university's mainframe computer, making it accessible by telephone.

The database is one of several projects under the direction of Joseph Ballantyne, vice president for research and president of the Cornell Research Foundation.

Questionnaires should be returned to the Office of Sponsored Programs at 120 Day Hall.

America ill-prepared for superconductor race: Ashcroft

The United States is in danger of being an also-ran in the international race to develop and commercialize recently discovered high-temperature superconducting materials, according to a physicist who studies the new compounds.

Physics Professor Neil W. Ashcroft said general physics in the United States is in a slow decline, with only about one physicist per 5,000 people. This trend is likely to continue unless new government policies encourage students to become scientists and provide funding for the many creative areas of physics research, he predicted. With such new policies, however, he believes the country could rise to take the lead in the new technology of superconductors.

Ashcroft testified at a Republican Task Force on High Technology and Competitiveness on April 30.

The recent discovery of new superconducting materials promises to revolutionize technologies used in medicine, computers, transportation, and power generation and transmission. Their importance lies in the fact that they offer no resistance to the flow of electricity at temperatures far higher than those previously achieved.

For example, the highest-temperature superconductor so far loses its resistance at around 97 degrees Kelvin above absolute zero. This means that cheap liquid nitrogen could be used to cool the material in such applications as high-voltage power lines, computer chips or superconducting magnets.

The first of the new ceramic compounds



Neil W. Ashcroft

of barium, lanthanum, copper and oxygen was made at an International Business Machines Corp. laboratory in Zurich, Switzerland, drawing on research by French chemists. The new materials later were improved upon by scientists at the University of Tokyo, the University of Beijing, the

University of Houston and AT&T's Bell Laboratories. Scientists in the United States, Japan, West Germany, France, England and the Soviet Union have mounted major research programs to develop and commercialize the new materials.

The U.S. effort to commercialize the new

superconductors is being hindered by the lack of attention to science education that begins in grade schools, Ashcroft told the task force.

"Bright students notice the sagging support for careers in science and opt out early," he said, referring to the phenomenon as "premature scientific euthanasia."

"And even if a student does continue on in science and takes the large step into graduate school, he or she is stepping out of the mainstream of America," said Ashcroft, noting that the huge scientific meeting on superconductors held in New York last March was dubbed a "Woodstock for nerds."

Those who finally become researchers today find themselves hemmed in by a web of funding contracts and requirements that seem to stifle creativity, Ashcroft said.

"The bureaucratic overlay that has developed leads to incremental, cautious approaches to science," he asserted. "They are impediments to inventiveness. The attitude is, 'The familiar worked last time, so let's try it again.'"

To speed the pace of scientific discovery, Ashcroft proposed funding more individual researchers to do "table-top" science, a reference to small-scale laboratory research. Funds also are needed for new intermediate-sized instruments such as neutron scattering sources, synchrotron radiation sources and high-voltage electron microscopes, as well as organized programs to bring students into the research process,

Continued on page 5

New vice provost anticipates challenges ahead

Cornell's newest academic executive believes changes must be made nationally in the financing of education, and he called on Cornell to be the nation's leading university in providing an undergraduate education that prepares students for life in the 21st century.

Professor of Law Larry I. Palmer, a nationally-recognized specialist in family, medical and criminal law, warned that families cannot be expected to pay more and more to send their children to college.

Palmer, 42, will become vice provost for academic programs on July 1 with broad responsibility for coordinating the university's undergraduate program and support services.

Palmer's appointment, announced by Provost Robert Barker, is subject to approval by the Board of Trustees at their meeting in late May.

A limit to the rise in tuition

"I think we are going to be looking at alternate ways of financing higher education," Palmer said in an interview in his office this week.

"I don't know what those are. But, as a society, we've got to come up with a better solution than constantly increasing the debt load on students and their families."

Noting that Cornell's 7 percent tuition increase for 1987-88 will be the lowest such increase in 14 years, Palmer said, "There is a limit out there somewhere to the rise in tuition rates. I think tuition rates were disproportionately low in the 60s and 70s and there was a need to bring tuitions more in line with the real cost of providing a high quality education."

"That pendulum has swung pretty far and it's clear that Cornell and other universities are now recognizing that belt tightening and innovative ways to provide a high quality education must be found in addition to charging tuitions that more accurately reflect the real price of an education."

Setting an example for primary schools

"As one of the world's great universities, I think Cornell has some responsibility for offering national leadership to the primary and secondary schools in their efforts to prepare pupils adequately for higher education."

"I'm not sure that the public school situation in this country is deteriorating. But the public schools are being asked to do far more than they were 40 years ago and we need to recognize that difference."

Palmer, who has taught undergraduate courses during each of the past two years, said he "is concerned that sometimes students may not fully appreciate the intrinsic worth of education and therefore they miss golden opportunities that are just waiting to be grabbed in a rich university like this."

He added, "Many students I've talked with say that they're here to get into medical school or into law school or to get a job. That kind of view may be our fault — the faculty's and the university's — in that we have not provided as clear a focus as we should of what we are involved in as an enterprise."

"My faculty colleagues, not all of them, but the vast majority of them, really want to provide students with a basic education, the kind of education that permits them to become self-learners when they become great doctors or lawyers or businessmen or college professors or newspaper writers or whatever."

Recruiting minority students

Palmer said that he is concerned about recent declines in minority attendance in higher education.

"I'm convinced the minority recruitment problem is a microcosm of a larger issue," he said. "The federal government has to recommit itself to finding a way to finance higher education to make it possible for those in low income families to understand that an education of the caliber provided by Cornell is financially feasible."

"We should emphasize the quality of education available at Cornell. We shouldn't guarantee students that if they come here they will make money. We can guarantee a student that this is a highly stimulating intellectual environment and that the opportunity exists at Cornell to get an absolutely first-class education that will prepare him or her well for life."

Palmer continued, "I think that universities, including Cornell, may still be trying to recruit minority students from the 60s and 70s, when the needs and interest of minority students of the 80s and 90s may be quite different."

"In the 60s and 70s, blacks and Hispanics made tremendous gains in education and income relative to the preceding decades. These people are starting to have children. We should, of course, continue to recruit bright students from inner cities, but we cannot

only recruit there.

"We have to start thinking about the second generation of college students among minorities. They may be in different places and we have to be a lot more creative in finding these bright minority students and letting them know there are opportunities for them to study at Cornell."

Undergraduate education at a research university

Palmer said that research universities such as Cornell provide unique educational opportunities for undergraduate students often missing in smaller schools.

"We have to keep in focus that high-quality research enriches the entire undergraduate experience," he said.

"We must counter the view that there is an inconsistency between research and good undergraduate education. Someone said that research is to teaching as sin is to confession. You can't fully appreciate the latter until you've been involved with the former. I agree with that view. Undergraduate education in a research university is very different from what it would be in a traditional liberal arts college."

"To be certain that the knowledge base the Cornell faculty is expanding for the world is also available to our students, we need to be sure that we have appropriate mechanisms for integrating new knowledge into the undergraduate curriculum."

"Cornell does this as well as any university I know, but we must still do it better. The mix of values one finds in the diverse grouping of colleges at Cornell provides an opportunity for breadth of education that is perhaps unparalleled in this country."

"We have an opportunity to restore undergraduate education in the context of professional education, not in terms of narrow career definition but in terms of preparation for the life of the mind."

"The opportunity to work with the deans, with the faculty and with the very bright students at Cornell to achieve that objective is one I look forward to with great anticipation."



Claude Levit

Salpeter calls 'Star Wars' premature

"Star Wars" research should be spread across a wide variety of anti-missile technologies and not concentrated on early deployment of particular systems, according to an astrophysicist who studied directed-energy weapons as part of an American Physical Society (APS) panel.

The 17-member panel of distinguished scientists on April 23 reported its conclusion of an 18-month investigation: that "even in the best of circumstances, a decade or more of intensive research would be needed for an informed decision about the potential effectiveness and survivability" of directed-energy weapons.

"In five years we'll know more than we know today, but we won't know enough to make a real, informed decision . . ."

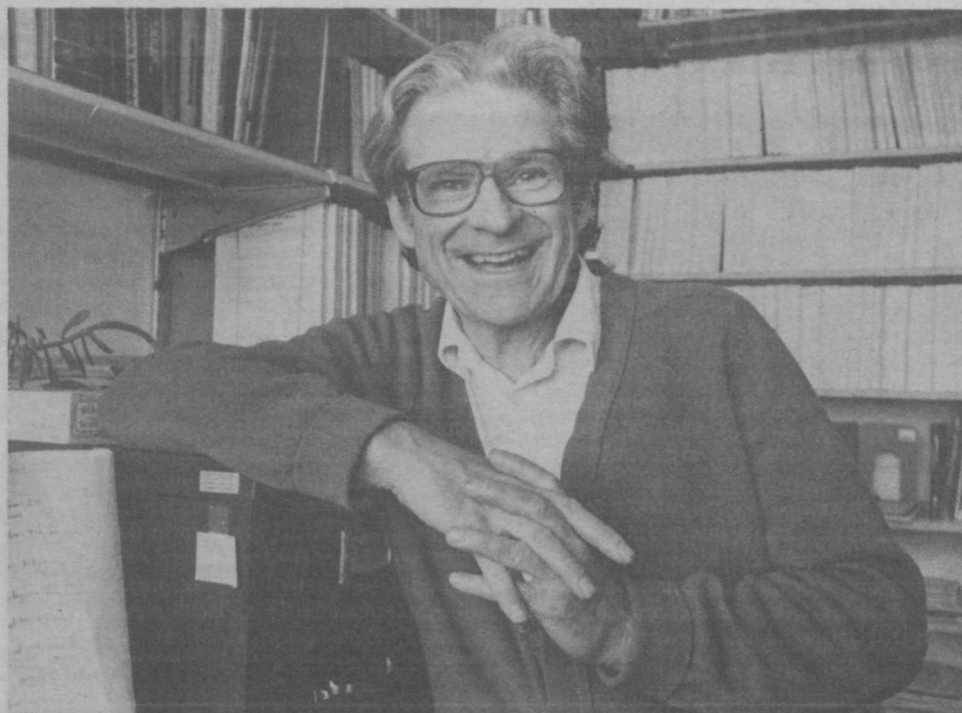
— Physicist Edwin E. Salpeter on the feasibility of directed energy weapons.

"Because the Strategic Defense Initiative problem is so complex and so far in the future, it is important to do long-range research in each of many different areas and to avoid any stops and starts," said Edwin E. Salpeter.

Salpeter is a professor of astronomy, physics and nuclear studies and director of the Cornell-based Center for Radiophysics and Space Research. Commenting on the APS feasibility report, Salpeter emphasized he was speaking for himself — not for the 17-member panel that put development of working anti-missile systems at least 10 years in the future.

"I believe the United States should avoid unnecessary spending for demonstration experiments and early deployment," he said, referring to suggestions by Defense Secretary Caspar W. Weinberger that kinetic energy weapons could operate in space by 1994.

The APS study focused on directed energy weapons such as lasers and particle



Edwin E. Salpeter

Claude Levett

beams for destroying missiles, rather than kinetic energy weapons such as rocket-borne projectiles. Salpeter called talk of deploying kinetic energy weapons "foolish" because, in part, the necessary but extremely complex control systems have yet to be developed.

He said "considerable progress" has been made in fundamental research for laser weapons, beginning more than 15 years before President Reagan proposed a space-based anti-missile shield, but added that more progress would be needed. It is still too early, he said, to concentrate research and development on one type of weapon.

"There is conflict over whether to build several different small but flexible research instruments — free-electron lasers, for example — to make us understand what is going on. Or should we build one huge system for which technology is frozen but which is a better demonstration that you can boil an egg in space in a millimicrosecond?"

Early concentration on a single system "is not useful for the orderly development of understanding," the scientist said.

The panel of scientists concluded that although substantial progress has been made in many technologies, "significant gaps" remain in the scientific and engineer-

"What is most spectacular is that 17 people with different political views unanimously agreed on one, single report,"

— Physicist Edwin E. Salpeter on the 'Star Wars' feasibility report by an American Physical Society panel, of which he was a member.

ing understanding of issues associated with development.

"I think that in five years we'll know more than we know today, but we won't know enough to make a real, informed decision" on whether directed energy weapons are feasible.

"What is most spectacular," Salpeter said of the APS report, "is that 17 people with different political views unanimously agreed on one, single report." — Roger Segelken

Rhodes proposes U.S. industrial extension system

A plan to make the benefits of university research more widely available to enhance the international competitiveness of American business, big and small, was endorsed in congressional testimony last week by the President Frank H.T. Rhodes.

"An industrial extension system such as I propose can help us to run faster than our foreign competitors through innovation and productivity, and this will provide our industrial society with far better protection than import quotas, tariffs and other protectionist measures," Rhodes told the House Subcommittee on Science, Research and Technology.

He cited the success of Cornell's pioneering Industrial Innovation Extension Service in giving engineering help to small and medium-sized companies in the eight-county area surrounding the university. Rhodes said this service should be a prototype for a national system.

The two graduate engineers in the project helped a small household products company improve its injection-molding machinery, assisted a fire apparatus company with its production scheduling and inventory control, and has aided 30 other local firms.

In another university effort to help industry, the Program for Employment and Workplace Systems worked to save jobs and keep an automobile accessories firm from moving all of its production to Texas and Mexico. Earlier, the program's director consulted with Xerox Corp. and its union to improve productivity and competitiveness. The program is part of the School of Industrial and Labor Relations.

Rhodes urged Congress not only to enact a draft bill on the subject, but to establish state administrative units on university campuses, and to vote sufficient financing to make the plan effective.

With Cornell conducting \$225 million in research this year in such fields as microelectronics, supercomputing and biotechnology, Rhodes concurred in "the current emphasis on economic competitiveness as one of our major national problems" and scientific research as crucial to its solution.

— Irv Chapman

Project Ezra Fair: Educational uses for microcomputers

Some 50 programs developed by faculty members as "Tools for Learning" will be featured at the Project Ezra Fair, May 11 at the Ithaca Sheraton Inn and Conference Center.

The programs are some of the more than 200 projects being developed by Cornell faculty under a three-year, \$8 million grant from IBM Corp. "Project Ezra," named after the university's founder, has provided, to date, 417 personal computers to 310 researchers.

Demonstrations and lectures by faculty will focus on solving educational problems using microcomputers, said Carrie Regenstein, Project Ezra Fair coordinator.

"The fair is a chance to show where we are in the development of educational uses for microcomputers," Regenstein said. "It's an excellent opportunity for faculty from Cornell, faculty from other universities and the public-at-large to talk informally about using computers in education."

Programs to be featured at the fair include:

- A "crops records system" to help the nation's dairy farmers manage crops, use land more effectively and increase overall efficiency. William F. Lazarus, an agricultural economist who developed the program said it is based on a commercially available data management system called "R:base System V," which he has applied to agriculture. By inputting information on soil quality, pest problems, crop yields and quantities, farmers can pinpoint unprofitable crops, better ways of using land and direct their efforts into new areas, he said.

- A program to demonstrate physical principles of astronomy to non-scientists, developed to serve as a 2 1/2 hour lab exercise. In the context of examining celestial mechanics, the program demonstrates concepts of orbital motions and the changing perspective of a moving observer.

- "Ready . . . Set . . . Retire!," a program for people planning retirement that estimates the annual savings needed to create a retirement annuity that will maintain current levels of living. The program takes into account estimated Social Security and pension income as well as savings and assets already earmarked for retirement, such as IRAs.

- A computer-aided design and space planning program, which introduces users to computer applications in the planning and design of building interiors. Four phases in the design process are covered: programming, schematic design, design development, and design documentation. To evaluate design systems, Professor Paul Eshelman in the Department of Design and Environmental Analysis is using four commercially produced programs for instruction in one of his graduate level courses.

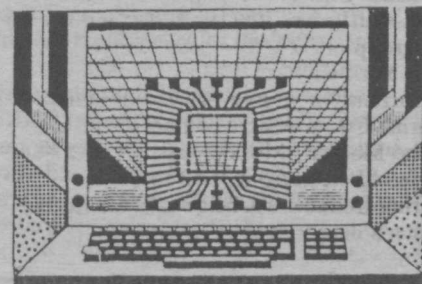
- A computer-assisted instruction program for nursing home staff required to meet Federal and State standards for nutritional care of patients. Developed by nutritionist Daphne Roe, the program provides up-to-date instruction on nutritional assessment, nutrient needs, special diets, tube feeding and identification of drug nutrient interactions.

- "Gerbil-2: Groundwater Education Resource for Beginners," a program that helps groundwater managers understand, diagnose and solve groundwater contamination problems. The program presents educational information ranging from soil chemistry to the hydraulics of groundwater flow. The menu-driven program requires no previous knowledge of computers.

Project Ezra Fair "allows students to visualize a set of problems and solve them with greater insight," said Regenstein. "Instead of taking an entire semester to solve a problem, sometimes, it is possible to do it in one morning."

For more information on these and other Project Ezra programs, call Carrie Regenstein at 255-8967.

— James A. Mazza



Cooperative Extension *Continued from page 1*

York City to the levels of commitment and program found upstate."

In order to involve more academic disciplines in the university's diverse outreach commitment, the report suggests that Cornell's provost, who is the chief academic officer, bring all campus outreach programs within his area of responsibility.

The series of recommendations "will allow cooperative extension to be far more flexible, and to design its programs county by county to meet local needs," commented Edwin L. Crawford, executive director of the New York State Association of Counties, and a member of the commission.

"Local administrators will be given great flexibility in adapting programs suitable to their needs, with appropriate support from the university, whether it's a basically rural county, of which we still have many in New York, or Westchester County, which has a very active program," Crawford said.

The report refers to "the remarkable success of the Cooperative Extension System in New York State" and lauds Cornell's longstanding commitment to it.

In a message to New Yorkers involved in Cooperative Extension programs, Rhodes spoke of his desire to "strengthen a program that's already strong."

"Cooperative Extension has touched the lives of many people in the state over its 75 years of existence," he said. "Our hope is, that in the years ahead, it can touch an even larger segment of the total population — enhancing human potential, increasing effectiveness in agriculture and economic development, stabilizing and strengthening family and community structure."

"I was very pleased with the thoughtful report. It gives us a blueprint we can develop for the future," said Lucinda Noble, director of Cornell Cooperative Extension.

"The commission has challenged us to take a serious look at program priorities, staffing and funding," she noted. "Doing that successfully will really make a difference if we are to reorient ourselves as a

modern land grant university, providing the fruits of our research to the citizens of New York and the nation."

Noble said she was heartened that the report acknowledged Cornell's commitment to the land-grant principle "because New York State has a real partnership with its people through cooperative extension."

The report's recommendations parallel those of a committee that studied the nationwide cooperative extension system three years ago and said "it must be prepared to modify its organization, its focus and its use of resources" to reflect new technologies and changing demographics. Noble was a member of that committee.

Other members of the Commission on the Future of the Cornell Cooperative Extension System were: Robert W. Bitz, president of Plainville Farms Inc. and a Cornell trustee; David N. Dinkins, Manhattan borough president; Natacha P. Dykman of the League of Women Voters and the Center for Governmental Research, Rochester; Robert R. Lebman, president of the Monroe County Cooperative Extension Association and executive director of the Youth Advocacy Program, Rochester; Richard T. McGuire, consultant to the Farm Credit System, Cambridge; Sherry H. Penney, vice chancellor of the State University of New York, Albany; Geoffrey Place, vice president of Procter & Gamble, Cincinnati, Ohio; Ernesta G. Procope, president of E.G. Bowman, an insurance company, New York City, and a Cornell trustee; Elaine M. Ryan, assistant director of State Operations and Policy Management, Albany; Rosalyn L. Schoonmaker, vice-chair of the New York chapter of the American Farm Bureau women's committee, Wallkill; William T. Smith II, deputy majority leader of the State Senate, Big Flats; James R. Tallon Jr., chairman of the health committee of the State Assembly, Binghamton; Robert F. Wagner Jr., president of the New York City board of education.

— Irv Chapman

Use tariffs against Japan as a gambit: Rosecrance

President Reagan's tariffs against Japan and congressional plans to force reductions in the United States' trade deficit are important elements in a strategy that could create open trade worldwide, but if the trade restrictions remained in force without concessions from the Japanese and Europeans, they could contribute to a trade war and to global recession, according to Richard Rosecrance, professor of international studies and a fellow at the Woodrow Wilson Center of the Smithsonian Institution in Washington, D.C.

Rosecrance and other scholars at the Wilson Center have been giving breakfast briefings on trade issues to members of the House and Senate. Rosecrance is the author of "The Rise of the Trading State: Commerce and Conquest in the Modern World," a book published in 1986.

"We have to put the Japanese and Europeans on notice that they can no longer expand into our markets while being subsidized at home," Rosecrance said in an interview. "There's no other way — except for threatening to close off access to the largest consumer market in the world, the United States — to get through to the rest of the world, especially the Japanese, that we're

serious."

A strong proponent of open international markets, Rosecrance pointed to Britain's rapid decline from the world's economic power in the late 19th century as a lesson for American leaders.

An economic depression from 1873 to 1896 led many countries, including Germany, Russia, France, Austria and the United States, to impose tariffs in an attempt to protect their own economies. Britain, however, refused to respond in kind. It lost much of its European market while continuing to import from those nations and fell from its position of world economic dominance.

"In the 1920s and 1930s, . . . the Great Depression worsened and international trade collapsed largely because there was no single hegemonic leader in charge. Britain was then too weak to support the international trading system," Rosecrance wrote in his book, which has been translated into Japanese, Korean, German and Spanish, and is being published in paperback in May.

"The problem . . . in the late 20th century is how to regulate the international trading system in the aftermath of U.S.

economic and financial hegemony," he added. International economic cooperation, characterized by free and balanced trade, must replace single-nation dominance, Rosecrance suggested.

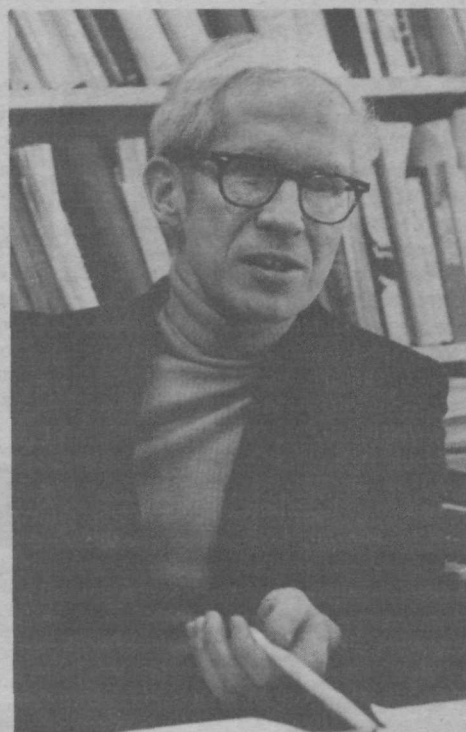
The United States' options to redress its \$150 billion trade imbalance, especially in relation to Japan, are limited, Rosecrance said. Additional devaluation of the dollar will slow the world economy, and increased productivity and reductions in the U.S. budget deficit will not be enough to reverse the import-versus-export figures.

"The United States accounts for about 40 percent of Japan's exports," Rosecrance said. "They won't stand by while we shut out their goods. They'll finally open their markets to American products."

The Japanese might respond to American restrictions by threatening not to invest in the United States, but that "can't be taken as a serious threat," because the United States remains the best place for the Japanese to invest their excess money, Rosecrance said.

"I'm in favor of tough restrictions, but only as a bargaining gambit," he added. "They have to work."

— Mark Eyerly



Richard Rosecrance

Alternative farming techniques urged to ensure profitability

A Cornell scientist has joined forces with some of the nation's leading proponents of organic farming and environmental conservation in urging Congress to back a major research program to develop low-input agriculture to boost profitability for American farmers.

Brian F. Chabot, associate director of research for the College of Agriculture and Life Sciences and associate director of the Agricultural Experiment Station at Ithaca, told a congressional committee that a major research and development program is needed to minimize the use of fertilizers, pesticides, feed, fuel, labor and machinery.

"All of these, representing real costs to farmers, are open to more effective management," Chabot told the House Committee on Agricultural Appropriations.

The goals of the proposed program were

outlined in a written statement submitted to the congressional panel by Chabot and others: Jim Morgan of the Rodale Institute in Emmanus, Pa.; Ralph Grossi of the American Farmland Trust in Washington, D.C.; and Steve Gage of the Midwest Technology Development Institute in St. Paul, Minn.

"The nation's farmers have been severely affected by overproduction, loss of foreign markets, costs of production exceeding selling prices, and resulting increases in bankruptcies and foreclosures. In addition, extensive damage to our water and land resources from current farming practices are becoming more and more evident," the group said.

"We propose the very simple notion that, by controlling costs, using careful management and new technologies, profits . . . can increase," Chabot said. "Of key importance

for the future is restoring and sustaining profitability in our food and agriculture system in an environmentally acceptable manner."

To that end, Chabot and his group called for the establishment of four regional centers that would coordinate research and related activities geared to minimize the use of inputs in farming and ranching.

Among the tasks that would be conducted by the centers are estimating the financial profitability and other benefits of low-input systems, especially as they relate to environmental and conservation issues, and understanding the process of acceptance of these systems within the farming community.

Another important feature of the program would be establishing a new partnership with individual farmers and private

research institutes who have led the way in developing much of the existing low-input concepts and technologies, Chabot said.

Individual farmers and others who have sought to develop organic, regenerative, alternative and sustainable approaches to farming have developed low-input concepts largely on their own, with limited assistance from federal and state agencies, state colleges of agriculture or state extension services, Chabot pointed out.

"They have persevered and have produced success stories. As a result of their efforts, we know with certainty that there are ways to grow crops profitably on a commercial scale using technologies that substantially reduce the need for purchased inputs," he said.

— Yong H. Kim

Ashcroft Continued from page 3

he said.

Ashcroft called for an increase in the number of state- and federally funded interdisciplinary university laboratories and advanced technology centers where students and university and industry researchers from many fields could work together.

"Most important of all, the budgeting process should visibly separate the new and badly needed catalytic additions from the ongoing support of individual scientists."

Ashcroft also advocated providing program managers at funding agencies with discretionary funds they could use to seize new research opportunities. Currently, such latitude takes place outside the system.

"Right now, program officers wisely allow initiatives outside of stated research goals," he said. "For example, with all the research going on now in high-temperature superconductivity, I'll bet nobody has a specific individual grant to support that research."

"Will we train our people to stick labels on products and inventions made in other countries? Or will we give them technical and scientific training from an early age to secure our own economic future?" he asked.

"We have the scientific potential to stay competitive, but we certainly won't by doing business as usual." — Dennis Meredith

Morley Continued from page 1

Morley, 46, was vice president for finance and administration at Rensselaer Polytechnic Institute from 1978 until coming to Cornell. Before then, he was vice president for business and finance and treasurer at Rider College (1976-78), comptroller at Syracuse University (1972-76), and on the audit staff (1969-70) and with the consulting group (1971-72) at Ernst & Ernst in New York City, now Ernst and Whinney.

Currently a reserve colonel in the U.S. Marine Corps, Morley was on active duty in the Marines from 1962 to 1967.

He received a bachelor's degree in engineering from RPI in 1962 and earned a master's degree at Syracuse in 1969.

Scientists study new materials for superconductors

About 20 researchers here have studies of new superconducting materials either in the planning stages or underway. Cornell also has geared up to study these compounds by holding weekly research meetings attended by some 50 scientists from six departments and by maintaining a database of research papers.

Among the Cornell facilities being used to probe the new compounds is the Cornell High-Energy Synchrotron Source, CHESS, whose intense X-ray beam is being used to understand the crystal structure of the new ceramics.

"Brainpower will continue to be the most important resource in advancing the understanding of these materials," physicist Neil Ashcroft said of the research effort.

Besides Ashcroft, other theorists at Cornell working on the new compounds include professors Vinay Ambegaokar, James P. Sethna and John W. Wilkins.

Experimentalists include chemistry Professor Frank DiSalvo, who is beginning to synthesize compounds with similar characteristics to the new ceramics, but with radically different structures, to see whether they have superconducting properties.

Professor Rishi Raj, a ceramics expert, is developing ways to form the ceramic material into useful structures. Physics Professor Albert J. Sievers is probing the structure of the new compounds with far infrared spectroscopy, and physics Professor Robert A. Buhrman is studying the electronic properties of the new materials.

JGSM plans new fall courses reaching business communities

Students who enter the Johnson Graduate School of Management in the fall of 1989 will find significant additions to the current curriculum, according to Professor Thomas R. Dyckman, the school's associate dean for academic affairs.

During an interview earlier this month, Dyckman outlined in greater detail plans for new programs that he had sketched for alumni at the Overseas Reunion in Paris in March.

He said that the Johnson School plans to design additional courses along the same lines as one on the environment of business. Professor Robert H. Smiley uses faculty from other units at Cornell, such as economics Professor Alfred E. Kahn, in that course.

"It is our hope that the Johnson School will expand our use not only of other Cornell faculty but of resources outside the university such as the World Bank, International Monetary Fund, overseas experts, and profit and non-profit organizations," Dyckman said.

One of these new courses would be what he called "a year-long international course sequence designed to bring in outsiders to discuss the international dimension in which business must function these days to be successful." It would begin in the 1989-90 academic year.

As part of that sequence, the school intends in time to take students and faculty overseas between semesters for first-hand interaction with business, government and labor leaders and to increase exchange programs with international universities, Dyckman said.

Turning to another possible course that would use outside experts, Dyckman said that "current events have reinforced the importance of ethical behavior in business and government activities. We hope to follow the same pattern to directly address these issues within our school."

Leadership is "an additional area in



which business schools have not developed meaningful and substantive programs," Dyckman continued.

He suggested considering short-term programs developed specifically for the school with Outward Bound, an organization that puts executives into situations where they have to develop team-building and leadership skills to solve problems.

"We might do it several different times during the year, and eventually give all our students a chance to participate," Dyckman said, adding that the Johnson School might develop similar two- and three-day programs.

The school also is planning a lifetime learning program to aid graduates, because they "typically don't have the opportunity to keep up with all the new developments that affect their work," Dyckman said.

Under the plan, faculty members would develop day-long programs on specific topics in areas such as finance, manufacturing or marketing techniques to present to alumni in different parts of the country.

The leadership and lifetime learning programs would begin in 1988.

— Barry Gross

CALENDAR

All items for the calendar should be submitted (typewritten, double spaced) by campus mail, U.S. mail or in person to Chronicle Calendar, Cornell News Service, Village Green, 840 Hanshaw Road.

Notices must be received 10 days prior to publication and must include the name and telephone number of a person who can be called if there are questions.

Notices should also include the sub-heading of the calendar in which the item should appear.

Olin Library

Wyndham Lewis, author and artist, Monday - Friday 8 a.m.-noon; 1-5 p.m., through May 17 in the library's main lobby, on its lower level and in the Rare Books room.

Whittaker Seminar Room

Botanical drawings and watercolors, by Carl Whittaker, in the R.H. Whittaker Seminar Room, Corson Hall, Monday through Thursday 8 a.m.-4:30 p.m.; Fridays 8 a.m.-4 p.m. Exhibition opening May 8, 4-6 p.m.

FILMS

Unless otherwise noted, films are sponsored by Cornell Cinema. An (*) indicates that admission is charged. "Limited" means that the film is limited to members of the Cornell community.

Friday, 5/8

"The Mission" (1986), directed by Roland Joffe, with Robert De Niro, Jeremy Irons, and Daniel Berrigan, 9:30 p.m., Uris Hall, limited.*

"Place of Weeping" (1986), directed by Darrell Roodt, with James Whyte and Gaina Mhlophe, 7:30 p.m., Uris Hall.*

"Star Trek IV" (1986), directed by Leonard Nimoy, with Leonard Nimoy, William Shatner and DeForest Kelley, 8 p.m., Statler Hall, limited.*

"The Terminator" (1984), directed by James Cameron, with Arnold Schwarzeneger, Michael Biehn and Linda Hamilton, 11 p.m., Statler Hall, limited.*

Saturday, 5/9

"The Mission," 7:30 p.m., Uris Hall, limited.*

"Place of Weeping," 10:15 p.m., Uris Hall.*

"Star Trek IV," 10:15 p.m., Statler Hall, limited.*

"The Terminator," 8 p.m., Statler Hall, limited.*

Sunday, 5/10

"Experimental Films by Women," including works by Holly Fisher and Janis Crystal Lipzin, 2 p.m., Johnson Museum.

"Star Trek IV," 8 p.m., Uris Hall, limited.*

Monday, 5/11

"The Treasure of the Sierra Madre" (1948), directed by John Huston, with Humphrey Bogart and Walter Huston, 8 p.m., Uris Hall, limited.*

Tuesday, 5/12

"Liquid Sky" (1983), directed by Slava Tsukerman, with Anne Carlisle, Paula E. Sheppard and Susan Doukas, 8 p.m., Uris Hall.*

Wednesday, 5/13

"La Chevre" (1985), directed by Fancis Veber, with Pierre Richard and Gerard Depardieu, 8 p.m., Uris Hall.*

Thursday, 5/14

"Home of the Brave" (1985), directed by Laurie Anderson, with Laurie Anderson, 8 p.m., Uris Hall.*

LECTURES

Classics

"Body and Voice in Greek Tragedy," Sheila Murnaghan, Classics, Yale University, May 7, 4:30 p.m., 156 Goldwin Smith Hall.

Topic to be announced, Robert Lamberton, Classics, Princeton University, May 11, 4:30 p.m., 156 Goldwin Smith Hall.

MUSIC

Bound for Glory

May 10, live sets at 8:30, 9:30 and 10:30 p.m., Commons Coffeehouse, Anabel Taylor Hall.

Music Department

Chamber Music, Sonya Monosof, director, May 8, 8:15 p.m., Barnes Hall Auditorium.

Piano Students Recital, students of Trevor Stephenson will perform, May 9, 8:15 p.m., Barnes Hall Auditorium.

Cornell Chorale, "Epistle to the Corinthians," composed by Gardner Reed, premier performance, Sage Chapel Sunday service, 11 a.m. Co-sponsored by CCPA.

David Borden and the New Mother Mallard Band

David Borden's new music will be presented May 13 at 8 p.m. at the Johnson Museum. Borden, a Cornell composer/pianist of dance, formed the Mother Mallard Portable Masterpiece Co., the world's first synthesizer ensemble in the late 1960's. Tickets for the concert are \$5 or \$4 to Johnson Museum members and are available in advance at the Johnson Museum's reception desk, Rebop Records and Ithaca Guitar Works.

RELIGION

Sage Chapel

Gail V. Riina, assistant director of Cornell United Religious Work, will give a sermon entitled, "Conflict and Caritas" May 10 at 11 a.m. Composer Gardner Reed's anthem, "Epistle to the Corinthians" will be premiered during the service by the Cornell Chorale and the Cornell Brass Ensemble. The piece will be conducted by Professor Thomas A. Sokal.

Catholic

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

Daily masses: Monday through Friday, 12:20 p.m., Anabel Taylor Chapel.

Sacrament of Penance, Saturdays from 3 to 4 p.m., G22 Anabel Taylor Hall, or by appointment, 255-4228.

Christian Science

Testimony Meeting: Every Thursday, 7 p.m. in the Anabel Taylor Founders Room.

Episcopal (Anglican)

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

Friends (Quakers)

Sunday, 9:45 a.m., adult discussion, 11 a.m. meeting for worship, Edwards Room, Anabel Taylor Hall.

Jewish

Morning Minyan: Young Israel House, 106 West Avenue. Call 272-5810.

Conservative/Egalitarian Services: Friday 5:30 p.m., Saturday 9:45 a.m., Anabel Taylor Founders Room.

Orthodox Shabbat Services: Friday evenings, Young Israel House, 106 West Avenue. Call 272-5810. Saturday, 9:15 a.m., Anabel Taylor Edwards Room.

Reform Services: Friday evenings 5:30 p.m., Anabel Taylor Chapel.



Mitchell Rose and Diane Epstein, seen here in Willard Straight Theatre.

Korean Church

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

Muslim

Sunday through Thursday, 1 p.m., 218 Anabel Taylor Hall. Friday 1 p.m. Anabel Taylor Edwards Room.

Protestant

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

Zen Buddhism

Zazen meditation: every Thursday 5:10 p.m., Anabel Taylor Chapel. Beginner's instruction every Tuesday 6:30 p.m., at Ithaca Zen Center, 312 Auburn Street. For more information call 277-4364.

SEMINARS

Applied Mathematics

"Polyhedral Algorithms," Alexander Schrijver, University of Tilburg, The Netherlands, May 11, 4 p.m., 165 Olin Hall; May 13, 12:20 p.m., 207 Upson Hall; May 15, 12:20 p.m., 207 Upson Hall.

"The Mystery of Internal Variables: Applications to Defects in Solids," Dimitris Lagoudas, postdoctoral associate, Math Sciences Institute, May 8, 4 p.m., 322 Sage Hall.

DANCE

Dance Concert '87

Modern dance accompanied by chamber music, choreographed by Mitchell Rose of the Joyce Theatre in New York City and performed by the faculty and students of the Department of Theatre Arts' Dance Program, May 7-9, 8 p.m. and May 10, 2:30 p.m. in Willard Straight Theatre. Tickets for Friday and Saturday evening performances are \$5.50 for adults, \$4.50 for students and seniors. Thursday evening and Sunday matinee tickets are \$4.50 for adults, \$3.50 for students and seniors. Tickets are available at the Theatre Cornell box office or by calling 255-5165.

Mitchell Rose and Diane Epstein

New York City-based dancer and humorist Mitchell Rose and partner Diane Epstein will perform comedic modern dance and theatre May 12 at 8 p.m. in Willard Straight Theatre. Rose directed his own dance company until 1978, when he started dancing with Epstein, a co-founder of the San Francisco Moving Company. Tickets are \$5.50 and are on sale at Borealis Books, Willard Straight box office and the Dance Office, 301 Helen Newman Hall.

Cornell Folkdancers

The Cornell Folkdancers annual picnic will be held May 10 from 3 p.m. to 9:30 p.m. in the large pavilion at Stewart Park. Dish to pass for dinner at 6 p.m.

Cornell Scottish Country Dancers

Monday evenings, 8-10 p.m., 213 S. Geneva St. Beginners and experienced dancers welcome. For more information call 257-6017 or 272-6229.

Israeli Folkdancing

Thursday evenings, 8:30 p.m. Anabel Taylor Hall Auditorium.

EXHIBITS

Johnson Art Museum

The Herbert F. Johnson Museum of Art, on the corner of University and Central avenues, is open Tuesday through Sunday from 10 a.m. to 5 p.m. Admission is free. Call 255-6464 for further information.

Elements of Nature: Watercolors by Kenneth Evett, inspired by Evett's travels to Europe, the Mediterranean, the Maine coast and the American West. Evett is a professor emeritus in the Department of Art.

Gallery Reopened: The George and Mary Rockwell Galleries of Asian Art on the fifth floor are now open to the public with the exceptions of a few galleries still being renovated.



ap,' will offer an evening of comedic modern dance and theatre May 12 at 8 p.m. in

Astronomy

"Slices of the Universe," Margaret Geller, Center for Astrophysics, The Smithsonian, Cambridge, Mass., May 7, 4:30 p.m., 105 Space Sciences Building.

Biochemistry

"Intrinsic and Protein-induced DNA Bending," Donald M. Crothers, Chemistry, Yale University, May 8, 4:30 p.m., 204 Stocking Hall.

Center for International Studies

"The Mondragon Experience in Building Democratic and Dynamic Industrial Cooperatives," William F. Whyte, research director, Programs for Employment and Workplace Systems, and Davydd J. Greenwood, director, Center for International Studies, May 7, 4 p.m., ILR Conference Center.

Environmental Toxicology

"Modulation of Preneoplastic Liver Lesion Development by Dietary Protein," Linda Youngman, Division of Nutritional Science, May 8, 12:20 p.m., 304 Fernow Hall.

Genetics and Development

"In Search of the Molecular Basis for a Mitochondrial Transplantation Antigen," Kirsten Fischer Lindahl, Howard Hughes Institute, University of Texas, Dallas, May 11, 4 p.m., 108 Bradfield Hall.

Industrial and Labor Relations

"An Update on U.S. Trade Policy," Michael B. Smith, deputy U.S. trade representative, May 8, 1:30 p.m., 405 Malott Hall.

International Studies in Planning

"Economic Growth and Development in Pakistan," Jamsheed Marker, Ambassador from Pakistan, May 8, 12:15 p.m., 115 Tjaden Hall.

Jugatae

"Multiple Forms of Cytochrome P-450 in Southern Armyworm: Their Role in Insecticide Toxicity," Mark Kao, postdoctoral associate, Entomology and Environmental Toxicology Program, May 11, 4 p.m., A106 Morison Room, Corson/Mudd Halls.

Microbiology

"Regulation of Pseudomonas deruginosa Toxin A," Barbara Iglewski, Microbiology and Immunology, University of Rochester, May 14, 4:30 p.m., 124 Stocking Hall.

Natural Resources

"The Food Web in Amazonian Black and Clear Waters," Ilse Waker, Instituto Nacional de Pesquisas na Amazonia, May 7, 12:15 p.m., 304 Fernow Hall.

Pharmacology

"Pharmacokinetic Studies on Domestic Animals," Bill Black, Biomedical Sciences, Ontario Veterinary College, University of Guelph, May 11, 4:30 p.m., Pharmacology Library, D101 Schurman Hall.

Plant Biology

"Environmental Sensing by Seeds: Phospholipid Metabolism," A.M. Mayer, Hebrew University, Jerusalem, May 8, 11:15 a.m., Boyce Thompson Auditorium.

Plant Breeding

"Studies of Resistance to Southern and Northern Leaf Blights in Corn," Hernan Ceballos, graduate student, Plant Breeding and Biometry, May 12, 12:20 p.m., 135 Emerson Hall.

Poultry and Avian Sciences

"The Development and Maintenance of Special Strains of Chickens for Use in Research," Randall K. Cole, Poultry and

Avian Sciences, May 7, 4:30 p.m., 300 Rice Hall.

Rural Sociology

"Land of Milk and Money: The Case of Cows and Capitalism," Tess Hooks, graduate student, Sociology, May 8, 3 p.m., 32 Warren Hall.

Statistics

"Estimation of Infinite Dimensional Parameters Using Maximum Likelihood Ideas," Peter J. Bickel, Statistics, University of California at Berkeley, May 13, 3:30 p.m., 100 Caldwell Hall.

Western Societies

"Disgust and Sympathetic Magic," Paul Rozin, University of Pennsylvania, May 8, 12:15 p.m., 117 Stimson Hall.

"Feminism and Anthropology," Teresa del Valle, University of Basque Country, San Sebastian, May 11, 12:15 p.m., 117 Stimson Hall.

THEATRE

Risley Theatre

"Sexual Perversity in Chicago," by David Mamet, and "Ancient Philosophies," by Ashley Wilson, will be presented at Risley Theatre, May 7-9 at 8 p.m. Sunday matinee at 2 p.m. Tickets are \$3. For more information and reservations call 255-9521.

MISC

Garden Plots

Cornell garden plots will be distributed May 9 beginning at 10 a.m. in the Martha Van Rensselaer auditorium. Gardeners who have not signed up in advance but are interested in getting a garden plot for the summer should come at 12:30 p.m.

Cornell Plantations

A "Wildflower Mothers' Day" will be held at the Cornell Plantations May 10 from 1 p.m. to 4 p.m. Donna Levy, author of the new wildflower guide "Green Dragons and Doll's-eyes" will be signing copies of her book. Guided wildflower walks and a wildflower lecture entitled, "Strategies of Wildflowers" will be offered. A free plant will be given to the first 50 mothers attending. For more information call 255-3020.

Patenting Symposium

A symposium entitled "Patenting for Cornell Scientists" that will cover what scientists need to know about patents in the United States, international patenting and Cornell patenting and licensing policy will be held May 12 and 13, 3:30 p.m. to 5 p.m., Morrison Room, Corson/Mudd Halls. For more information, contact William Lesser, Agricultural Economics, 255-4595 or Walter Haeussler, director of Patents and Licensing, 255-7367.

E.A.R.S.

Empathy, Assistance and Referral Service (EARS) provides short-term counseling for both callers and walk-ins. E.A.R.S. is located in 211 Willard Straight Hall, one floor below the Ivy Room. Telephone 255-EARS. Hours are 3 p.m. to 11 p.m. Sunday through Thursday and 7 p.m. to 11 p.m. Friday and Saturday. All services are free and completely confidential.

Microcomputer User Groups

Amiga users group meets the third Tuesday of each month, 7 to 9 p.m., G14 Uris. Eli Meir, 273-5025 (evenings) for details.

Atari ST users meet the second Thursday of each month, 7:30 to 9 p.m., Mike Hojnowski, 255-3748 for details.

Macintosh Developers meet 3:30 p.m. the second Tuesday of each month, 100 Caldwell. Tim Larkin 257-2030 ext. 426 for details.

PC Users meet the last Friday of each month 1:30 to 3 p.m. in 100 Caldwell. Chris Haller 255-5716 for details.

Writing Workshop

Writing Workshop walk in-service. Free tutorial instruction in writing. Monday through Thursday 3:30 to 5:30 p.m. and 7 to 10 p.m. and Sunday 3 to 8 p.m., 174 Rockefeller Hall; Sunday through Thursday 10 p.m. to midnight in 340 Goldwin Smith; Sunday through Tuesday 8 p.m. to midnight McFaddin Hall Computer Room; Sunday 1 to 5 p.m. and Monday, Wednesday and Thursday 8 p.m. to midnight in Clara Dickson Computer Room.

Alternatives Library

Located in 122 Anabel Taylor Hall, this library contains more than 5,000 books, 180 periodicals and 350 tapes and slide shows on topics of individual, social and ecological transformations. Areas include eco-justice, holistic health, Native Americans, sustainable agriculture, appropriate technology, gay issues, political and economic analysis, and spirituality and mysticism.

CUSLAR

Committee on U.S./Latin American Relations meets at 5 p.m. on Mondays in the Commons Coffee House. For more information call 255-7293.

Fuertes Observatory

Fuertes Observatory, located on the hill behind Helen Newman Hall, will be open to the public every clear Friday night this spring from 8 p.m. until midnight. Call the observatory at 255-3557 after 8 p.m. on clear Fridays for more information.

Art Gallery

Willard Straight Hall Art Gallery is now taking applications for gallery showings during the '87 - '88 academic year. Application available at the Willard Straight Potshop or by calling 255-5170.

Cornell Craft Fair

The Cornell Craft Fair will be held May 7 and 8 from 10 a.m. to 5 p.m. in Willard Straight Hall. The Cornell Craft Fair is a juried show in which judges preview the work of area craftspeople, selecting the most outstanding artists to participate. All artists will be present to discuss their work.

Cornell Potshop/Darkroom Show

The pottery and photography of Cornell students and staff members will be displayed and offered for sale on May 7 and 8 from 11 a.m.-5 p.m. in the Art Gallery in Willard Straight Hall.

Call for Musicians

Willard Straight Hall is looking for musicians and vocalists to perform during the 1987 Sunset Concert Series. Concerts will be held on the Willard Straight Terrace from 5-7 p.m. on Fridays during the summer semester. Musicians are welcome to submit a tape of their work and their photo to: Sunset Concert Series c/o Perri LoPinto, Willard Straight Hall.



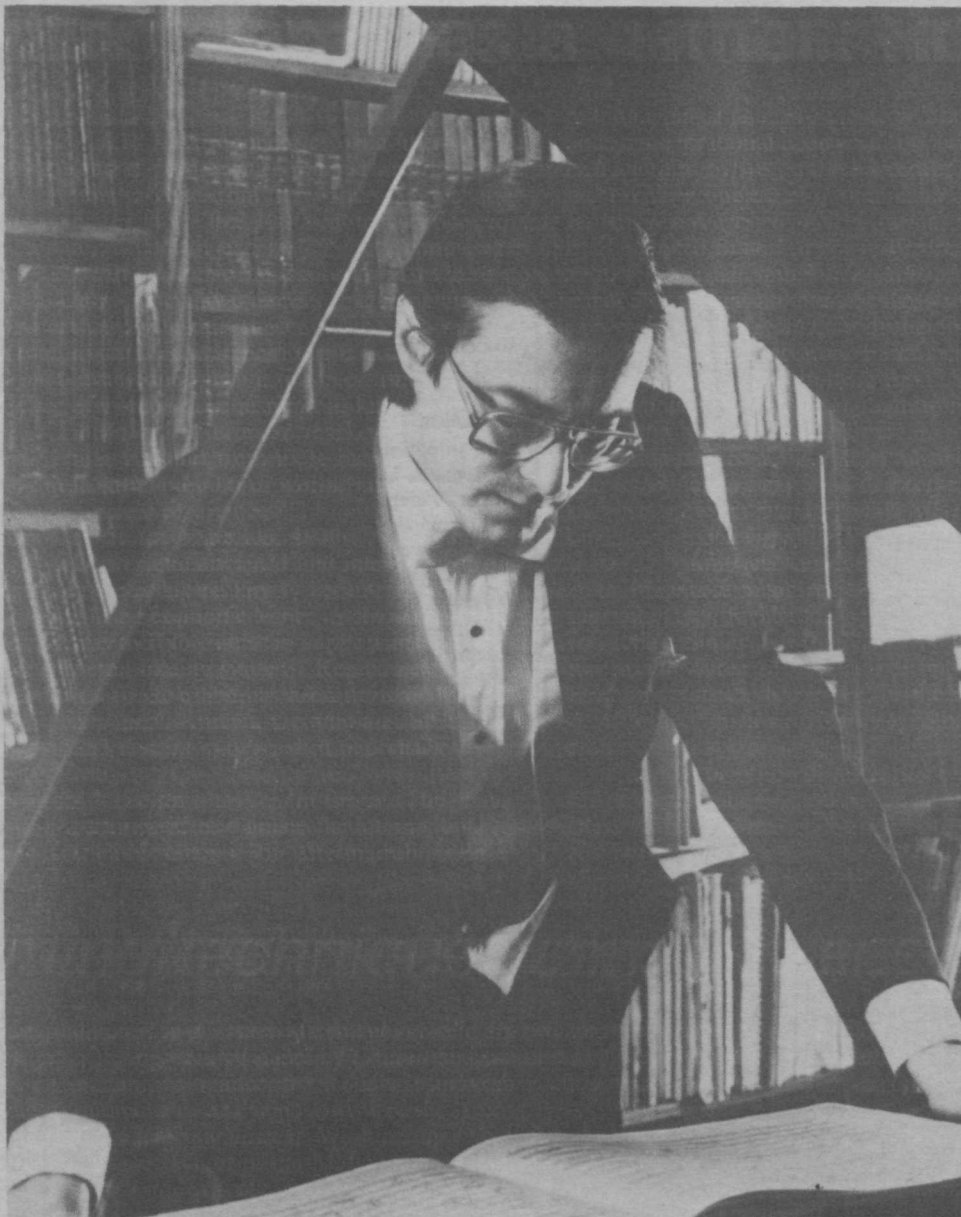
Concert Series plans include great pianists

Some of the world's most acclaimed musicians will visit here next academic year as part of the Cornell Concert Series. Two series have been announced: a Great Soloist and Orchestra series and a Grand Pianist series. Both series will be housed in Bailey Hall because of the scheduled renovation of Statler Auditorium.

The Rotterdam Philharmonic, James Conlon conducting, will inaugurate the first series on Oct. 7 in a program of Mozart and Mahler, with Bella Davidovich piano soloist. This will be followed by: Violinist Itzhak Perlman on Nov. 3; the English Chamber Orchestra, Jeffrey Tate conducting, with Frank Peter Zimmermann violin soloist on March 3; and Metropolitan Opera star soprano Kathleen Battle on April 12. Subscription prices for the general public range from \$52 to \$83 and for students from \$44 to \$70.

The Grand Pianist series will offer a showcase for exploring the vast repertoire of music written for the piano by history's great composers. These works will be performed by keyboard artists noted for their individual style, interpretation and virtuosity. Andre Watts will perform on Sept. 22, followed by Peter Serkin on Dec. 7 and Andras Schiff on Feb. 8. Subscription prices for the pianist series range from \$28 to \$45 for the general public, and \$24 to \$38 for students.

Subscriptions are on sale at the Lincoln Hall ticket office. For more information, call 255-5144 Monday through Friday between 9 a.m. and 1 p.m. VISA, MasterCard and Cornellcard are accepted. The ticket office will be closed from June 24 to August 24.



Peter Serkin, who is scheduled to play Bailey Hall during the Cornell Concert Series' 1987-88 season.

Regina Touhey

Modern dance to cap series

Humorist Mitchell Rose and partner Diane Epstein will offer a program of comedic modern dance and theatre as the finale in the Department of Theatre Arts' performing artists series.

Rose directed his own company until 1978 when he opted for the more intimate duo format with Diane Epstein. She was co-founder of the San Francisco Moving Company, one of the city's major dance companies and was also a member of the Diamond Dance Company before joining Rose. He has received funding for new works from the New York Foundation for the Arts, National Endowment for the Arts and WGBH, Boston.

Together, they have performed at the Spoleto Festival, Jacob's Pillow Dance Festival, and the International Mime and Clown Festival.

"Imagine an audience doubling over with laughter . . . Mitchell Rose and Diane Epstein who opened Tuesday night at the Joyce Theatre are responsible for this hilarity . . . judging by the whoops at the curtain calls, Mr. Rose is the cult equivalent of 'The Rocky Horror Picture Show,'" a reviewer for The New York Times wrote of them in January.

Tickets on sale at Borealis Books, Willard Straight box office, Dance Office (301 Helen Newman Hall, 9-noon daily) and at the door on night of performance. General admission seats are \$5.50. This event is made possible in part by funding from the Council of the Creative and Performing Arts.

Museum to mount Evett retrospective

Kenneth Evett, professor emeritus in the Department of Art, considers himself a modern equivalent of the 19th-century traveling artist.

During the past 30 years, Evett has traveled throughout the world, translating his personal impressions of the landscape into watercolors.

A retrospective of his work will be on view at the Johnson Museum of Art from May 9 through June 28. It includes 51 watercolors inspired by his trips to Europe, the Mediterranean, Maine, and the American West.

Evett credits Yaddo, the artist's colony located near Saratoga Springs, with stimulating his interest in working with watercolor. After casually purchasing a few watercolor supplies one day, he began to paint the meadows and woods surrounding his Yaddo studio. Since those initial tries, he has continued to explore the medium.

Watercolor, says Evett, is "an unforgiving medium of anarchic free-flowing urgency that precludes second chances."

4 members named to committee on status of women

Four new members have been named to the 23-member Advisory Committee on the Status of Women.

Named to three-years terms beginning July 1 are Betsy East, associate director of athletics; Maureen O'Hara, associate professor of finance in the Johnson Graduate School of Management; and Polly C. Spedding, extension associate with the Department of Human Development and Family Studies.

Named to a year-long term is Katherine Gottschalk, associate director of Cornell's Writing Program.

According to Janiece Bacon Oblak, assistant dean of students, and chair of the ACSW, many members of the committee have served several terms but never consecutively.

Selection of membership on the committee is shared by President Frank H.T. Rhodes and the committee itself.

An outgrowth in part of federal Title IX legislation regulating sexual discrimination, the committee will celebrate its 15th anniversary May 12 with a reception at the Johnson Museum.

Some 50 of the more than 150 women who have served on the committee since its inception are expected to attend, according to Oblak. Among them will be the only two life-time members of the committee, Alice Cook, emeritus professor of industrial and labor relations, and Catherine Murray-Rust, an associate librarian.

The most recent accomplishments of the committee have been in the area of raising the consciousness of the problem of sexual

harassment on campus. This includes a committee-sponsored survey last year of upper-class and graduate female students in which 61 percent of the 786 respondents said they had experienced some sort of "unwanted sexual attention" during their years here.

Most often, the unwanted attention was either sexist comments, flirting, unwelcome body language, including leering or standing too close or verbal advances short of outright propositions, according to the survey. Still, 11 percent of respondents said they experienced physical advances, 6 percent said they received propositions and 2 percent reported sexual coercion or bribery. Seven percent said unwanted sexual attention has interfered with their academic performance.

— Martin B. Stiles

21 elected to board of Women's Studies

Six faculty members, three staff members, nine students and three Ithaca community members will take seats on the university's Women's Studies Executive Board next fall as a result of recent elections.

Elected to the board were faculty members Ileen Devault, assistant professor, collective bargaining, Industrial and Labor Relations; Shelley Feldman, assistant professor, rural sociology, Agriculture and Life Sciences; Jennifer Gerner, associate professor, consumer economics, Human Ecology; Molly Hite, assistant professor, English, Arts and Sciences; Elizabeth Meyer, assistant professor, art, Architecture, Art and Planning; and Shirley Samuels, assistant professor, English, Arts and Sciences.

Staff members elected were Rosalind Kenworthy, counselor, Gannett Health Services; Lillie McLaughlin, assistant director, Office of Equal Opportunity; and Helen Taylor-Way, managing editor, Philosophical Review.

Student members of the board will be Treacia Doyle, Kay Forest, Kim Langford, Karen Lavallo Norton, Lauren Moo, Celia Naylor, Lori Peters, Sasha Torres, Stacey Young.

Joining the board from the community will be Sharon Adams, Nimat Hafez Barazangi and Judy Jensvold.



Drawings by Bente Starcke King, a scientific illustrator at the Bailey Hortorium, and sculptures by Robert R. Wilson, director of Cornell's Laboratory of Nuclear Studies from 1947 to 1967, are among works exhibited in a group exhibition, "Scientists as Artists," at the Upstairs Gallery, 215 North Cayuga St. The exhibition opened May 6 and continues through May 30. Other scientist/artists whose work will be shown are William M. Kaula, a geophysicist/photographer and John Weissinger, a biologist/painter.

Wildlife specialists edit book on economic value of wildlife

The full proceedings of a major symposium on the economic and social values of wildlife have been published in a book titled "Valuing Wildlife: Economic and Social Perspectives."

The editors are Cornell wildlife specialists Daniel J. Decker and Gary R. Goff, who served as co-chairmen of the symposium, held in January 1986 in Syracuse.

According to Decker and Goff, the book is designed to serve as a state-of-the-art guide to determining the economic and social values of wildlife, the application of environmental-impact assessment, and strategies in wildlife planning and policy.

"As the public's perception of the wildlife resource in North America has changed over the past two decades, controversy over direction in wildlife management has emerged," Decker and Goff wrote. "The wildlife profession is now faced with pressures to allocate resources for diverse, and often conflicting, purposes. As a result, it has become increasingly necessary to document the 'value dimension' of wildlife."

The 423-page volume contains more than 30 papers, nine case studies and a series of workshop presentations, including several written by Decker and other Cornell scientists.

The contributors examine a wide range of

topics, including the ecological value of wildlife, the aesthetic merit of wildlife, the educational and recreational benefits of wildlife, and the philosophical value of wildlife.

The authors also offer insights into future needs in wildlife resource management, in research, in planning and policy making, and in communications and education that will help wildlife professionals influence the future rather than merely react to it.

The symposium was sponsored by the New York Chapter of the Wildlife Society, an international organization of wildlife scientists, educators and management professionals.

Decker is well known as a wildlife extension educator and researcher in the human dimensions of wildlife management. He is a senior associate for Cornell Cooperative Extension in the Department of Natural Resources.

Goff, an extension associate for Cornell Cooperative Extension, is an expert on woodland management. He has been involved with several research and extension projects dealing with wildlife values.

The book is available from Westview Press, 5500 Central Ave., Boulder, Colo. 80301.

— Yong H. Kim

David Borden/The New Mother Mallard Band to perform

David Borden/The New Mother Mallard Band will present a special concert of new music on May 13 at 8 p.m. at the Johnson Museum.

Borden, a Cornell composer/pianist for dance, formed the original Mother Mallard's Portable Masterpiece Co. in the late 1960s with the support of Robert Moog. Now known as The New Mother Mallard Band, it was the world's first synthesizer ensemble.

Borden is one of the original "minimalists," as that group has come to be known, and his work is often compared with that of Steve Reich, Philip Glass, and Terry Riley. His "Double Portrait," for two pianos, was recently premiered at Town Hall in New York City. Joining Borden in the May 16 performance will be David Swaim, Less Thimmig, and Cheryl Wolf.

Swaim, a young composer and virtuoso

keyboard performer, plays several different kinds of synthesizers and uses a computer to augment his musical ideas. Currently director of music for dance at the University of Colorado at Boulder, Swaim has had original compositions performed at the University of Michigan and in Hawaii. He has been a member of Mother Mallard since 1986.

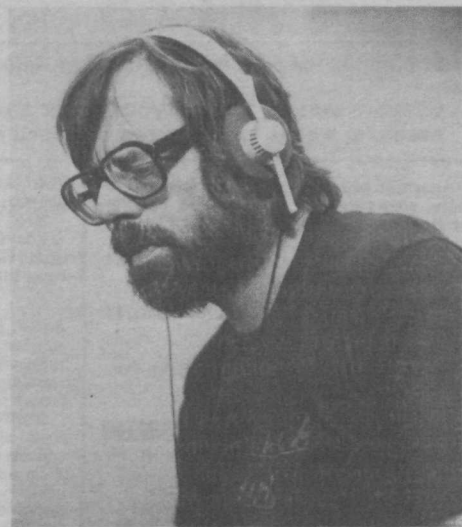
Less Thimmig, a professor of music at the University of Wisconsin, Madison, is a well-known composer and leading woodwind virtuoso. His recent compositions include "Bluefire Crown III" and Concerto for Horn and Jazz Orchestra. Thimmig joined Mother Mallard in 1984.

An Ithaca resident, Sherry Wolf has sung soprano in small vocal ensembles for the past 13 years. She has performed music from Machaut with the Ithaca A Cappella and the Ithaca Art Ensemble. She is cur-

rently singing with the choir at St. Thomas More Church in New York City. For the Ithaca concert, Wolf will stand in for Ellen Hargis, a member of Mother Mallard, who is on tour in Europe with the Boston Camerata.

The band will play a selection of works by Borden: "The Continuing Story of Counterpoint," Part 2 and Part 4; "True Leaps" (from the Anagram Portraits); "Gary McFarland" and "Dick Twardzik," (both from the Boston Elegies); and "Enfield in Winter." The concert will also feature the world premiere of "Enfield in Summer."

Tickets for the concert are \$5 (\$4 to Johnson Museum members) and are available in advance at the reception desk of the Johnson Museum, Rebop Records, and Ithaca Guitar Works. Any remaining tickets will be sold at the door.

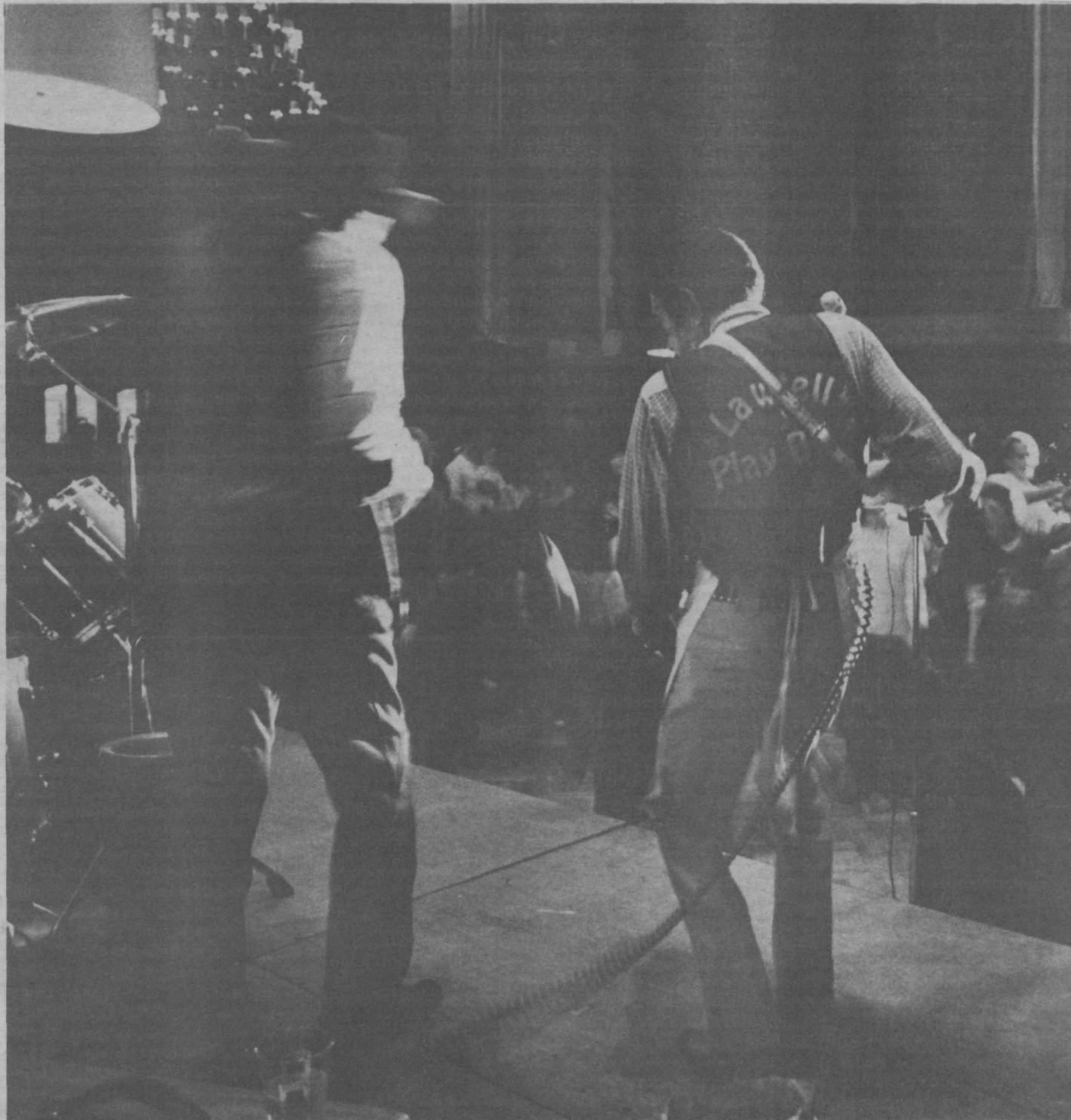


David Borden

Delton Broussard and the Lawtell Playboys at Willard Straight Hall:



Photos by Claude Levett



Up from Opelousas, Louisiana, Delton Broussard and the Lawtell Playboys played Cajun zydeco at the Straight last week and left the crowd hungering for blackened catfish.

Winter has left Northeast roads vulnerable to damage

Cornell engineers monitoring frost depths and road strength in the Northeast have concluded that this winter has left roads far more vulnerable to damage than in years past.

This means that there will be more potholes this year and more severe damage caused by heavy trucks, predicted Professor Lynne H. Irwin of the Department of Agricultural Engineering, who recommends truck loads be limited to take into account this vulnerability.

Irwin and his colleagues monitored frost depths by reading ice levels inside water-filled plastic tubing inserted into the ground at a series of locations on campus. They determined road strength using a device called a "falling weight deflectometer,"

which thumps the road with an impact up to 16,000 pounds over a 12-inch circle. By comparison, a loaded truck can generate an impact of 11,000 pounds per pair of wheels on a single axle.

They found that frost penetrated about 37 inches into the ground this winter in the Northeast. "It was by no means a record," said Irwin. "There have been winters in which the frost reached over 40 inches. However, the duration was far longer than normal."

Another cause of road vulnerability was heavy fall rains, said Irwin. "The unusually wet fall over the Northeast left high ground moisture," said Irwin. "This ground water, combined with the early and prolonged

ground freezing, set the conditions that led to weakened roads.

"This weakening begins when the road surface begins to thaw in the spring, while a layer beneath stays frozen. As a result, trucks passing over the road are like marathon runners running on a waterbed; they create much more deflection than on a road at full strength; thus, they do more damage."

Numerous freeze-thaw cycles in late winter prolong this effect, creating the worst possible conditions for roads, said Irwin. This weakened condition can continue until mid-May, when the roads finally begin to dry, Irwin said.

He recommends that load limits on

trucks, requiring a 40 percent reduction, be effective from mid-March through mid-May, rather than beginning in September, as is the policy of many highway departments. Limiting loads in winter has no effect, said Irwin, since frozen roads can bear large loads with practically no damage.

"Most people don't understand the high payback of good roads," he said. "Studies show that the cost to the motorist of driving over rough roads is 50 percent greater than driving over smooth roads. Also, highway departments spend only about five or ten cents on road building and repair for every dollar the motorist spends on driving," he said.

— Dennis Meredith

Job Opportunities

May 7, 1987
Number 15
University Personnel Services
Cornell University
160 Day Hall
Ithaca, New York 14853-2801

In compliance with the Immigration Reform and Control Act of 1986, Cornell University is now required to check the identity and employment eligibility of all new hires.

Effective June 1, 1987, if you accept a position, you must show documents on or before your first day of work, that indicate your identity and employment eligibility; for example, a state issued driver's license and a birth certificate. For more information, contact Staffing Services, 255-5226.

Employment and employee transfer applications forms are available at both Staffing Services locations-160 Day Hall and East Hill Plaza.

-Requests for referral and/or cover letters are not accepted unless specified in the ad.

-Cornell University is an Affirmative Action/Equal Opportunity Employer.

-This listing is also available on CUINFO, Cornell's computerized info service.

Administrative and Professional

Minimum salaries listed are for recruitment purposes only.

RESEARCH SUPPORT SPECIALIST (PT167) Entomology

Provide independent research support for field crop entomological studies incl. lab/field studies on leafhoppers, cutworms & snout beetles. Develop/implement exp. methods; organize & administer lab activities.

Req.: BS in biol., entomol, horticulture, agron., or plant path.; MS highly desir. Valid NYS driver's lic.; NYS Certified Commercial Pesticide Applicator (categories of Research Development & Agriculture-Plant). 2-3 yrs. trng./exp. in 1 or more of following desir.—insect rearing, experimental field plot techniques, crop production practices, statistics, computer literacy. Send cover letter & resume to Judi Pulkinen by 5-22.

MANAGING EDITOR (PC165) Hotel Administration

Supervise & coord. production of high-quality busn. journal & related publications. Copy-editing manuscripts for style & substance; write articles; proofread; production scheduling (incl. coord. efforts with staff members, freelancers, & vendors).

Req.: BA pref. in English, & 2 yrs. hands-on editing or mgmts. of prints/publications. Strong command of language. Familiar with editorial style & printing specifications. Exp. with page layout & design. Able to work with WP & page-layout software. Understanding of busn. writing & hospitality industry. Send cover letter, resume & writing sample to Esther Smith by 5-28.

ADMINISTRATIVE SUPERVISOR (PA164) Clinical Sciences

Handle administrative matters in section of Medicine delegated by section chief, maintain financial acctg. system, provide appropriate & timely reports, & prepare financial analyses & projections for long range planning. Develop & maintain computer-based data mgmt. system.

Req.: BS in busn. admin. with concentration in acctg. Exp. in acctg. & with micro-computer systems for data analysis essential. Exp. with federal grants/contracts admin. Familiar with Lotus 1-2-3 & Rbase System V desir. Send cover letter & resume to Cynthia Smithbower by 5-22.

OFFICE MANAGER (PA162) Campus Store

Supervise business office operations to include all aspects of sales reconciliation, a/p & a/r functions. Provide support to Dir. & Assoc. Dir. in dept. planning, reporting, training & program implementation.

Req.: BS & 2 yrs. related exp. or an AAS & 5 yrs. related exp. in retail or busn. environ. Substantial acctg. knowl. essential; familiar with automated busn. systems pref. Must have supervisory exp. Good oral & written comm. skills req. Send cover letter & resume to Cynthia Smithbower by 5-22.

DIRECTOR, FINANCE & ADMINISTRATION (PA026) Summer Session

Reporting to associate dean, responsible for managing financial & business operations of an academic division.

Req.: BS or equiv., MBA pref. 3-5 yrs. mgmt. exp. in fiscal control, administration & supervision in university setting. Extensive knowl. of CU. Able to develop microcomputer applications. Exc. org., oral & written comm. skills. Send cover letter & resume to Cynthia Smithbower by 5-22.

STAFF WRITER II (PC1411) ILR Press

Plan & implement promotion & marketing of ILR Press publications. Includes organizing direct mail campaigns, producing flyers & brochures, contacting review media & representing ILR Press.

Req.: BA or equiv. Min. 2 yrs. exp. in book promotion & marketing req. Exc. comm. skills. Demonstrated exp. in meeting deadlines; willingness to work both independently & in close collaboration. Interest in area of industrial & labor relations. Send cover letter & resume to Esther Smith by 5-12.

ADMISSIONS COUNSELOR (P151) Undergraduate Admissions

Responsibilities involve activities related to visitors (hosting) & Student Volunteers (Ambassadors). Coord. Group Admissions Conferences & Group Visitation Programs, travel to do school visits; primary liaison with student Ambassadors.

Req.: BA Exc. public speaking, interper., & org. skills; exc. writing skills; exp. as undergrad working in admissions rel. position, such as admissions asst., tour guide, or intern pref. Some weekend & evening work; some travel. Send cover letter & resume to Cynthia Smithbower by 5-22.

TECH. SERVICES SUPERVISOR (PT156) Vet. Med. Teaching Hospital

Participate in operation & supv. of day-to-day activities of Clinical Path. Lab. Schedule & supv. staff; implement & schedule training programs; use & maintain equip.; purchasing. Act as liaison with Comp. Svcs. Dept.

Req.: BS in Med. Tech. & ASCP cert. pref. 5 yrs. exp. in clinical lab. & 1 yr. supervisory exp. req. Submit cover letter & resume to Judi Pulkinen by 5/15.

ADMISSIONS COUNSELOR (PA157) Arts & Sciences Admissions

Provide leadership & coordination in reg'l. recruiting & selection, assist Sr. Assoc. Dir. in

Arts Ambassador activities & on-campus activities.

Req.: BA in liberal arts. Some admission exp. & knowl. of admissions marketing. Exc. comm. skills. Good analytical & interper. skills. Send cover letter & resume to Cynthia Smithbower by 5-22.

ASST. DIRECTOR (PA158) Arts & Sciences Admissions

Provide leadership & coordination in reg'l. recruiting & selection, Minority Admissions & faculty participation in group conferences.

Req.: BA in liberal arts; advanced degree pref. 3 yrs. admissions, teaching or advising at a liberal arts college. Knowl. of admissions marketing & electronic admissions systems. Exc. analytical, interper. & comm. skills. Fluency in Spanish pref. but not req. Send cover letter & resume to Cynthia Smithbower by 5-22.

ADMINISTRATIVE MANGER I (PG154) Residence Life

Responsible for mid-mgmt. of housekeeping functions involving 7 major dorms & several smaller living units for approx. 2000 students. Supervise staff of 27 exempt & nonexempt. Direct all aspects of personnel staffing, training, scheduling, performance, etc. Coord. quality assurance, purchasing, inventory, furnishing & contract service. Assist in planning, budget development & analysis.

Req.: Min. 4 yrs. exp. in mid-level mgmt., pref. in institutional housekeeping setting. Candidate should possess highly developed comm. skills, both written & oral, strong background in human resource development & be skilled in admin. detail. BA in related area pref. Send cover letter & resume to Bill Webster, Staffing Services, East Hill Plaza.

RESEARCH SUPPORT SPECIALIST III (PT1510) Materials Science Center

Provide maintenance, operation & expansion of research functions of ultra-high vacuum scanning transmission electron microscope (UHV-STEM). Resp. cover electronic, mechanical & vacuum systems, oversee use & operation of instrument. Train users & assist in advanced experiments.

Req.: BS in physics, elect., or mech. engineering. Exp. in operation of advanced analytical equip. desir. Send cover letter & resume to Judi Pulkinen by 5-15.

SENIOR ADMINISTRATOR (PA159) Nutritional Sciences

Reporting to dir., serve as nonacademic administrator for Div. of Nutritional Sci. Responsible for financial planning & monitoring, grant mgmt., personnel, admin. computing, facilities mgmt., lab animal facilities, & major bldg. program.

Req.: MBA or equiv. pref. Min. 5 yrs. admin. exp. in academic unit necessary. Send cover letter & resume to Cynthia Smithbower by 5-15.

DIRECTOR, MAINTENANCE RESOURCES (PA1511) Maintenance Management

Direct all Endowed & Statutory maint. funds for bldgs., grounds & cust. care. Control allocations of approx. \$14 million per yr. Plan, coord., sched., & control maint. for approx. \$7 million sq. ft. of academic/research space. Manage 2 superint. resp. for approx. 300 represented grounds & custodial service workers.

Req.: BS req., Engr. or Arch. pref. or extensive equiv. exp. in maintenance field may be substituted for tech. degrees. Considerable exp. in maint. or construction field. Demonstrated comm. skills, including written & oral presentations. Ability to manage multiple projects & large staff. Send cover letter & resume to Cynthia Smithbower by 5-8.

MANAGER, DIRECT MAIL (PC153) University Press

Responsible for planning & carrying out seasonal direct mail campaigns for 150 books/yr. Draw up proposals; conduct list research; order lists; write copy; oversee work of designers, typesetters, printers & mailing houses; keep acctg. & records; analyze returns, assist with preparation, editing, & proofreading of 2 seasonal catalogs/yr. & with dust jackets, press releases & sales letters.

Req.: BA or equiv. Min. 3 yrs. in publishing pref. Writing exp. nec. Exp. in marketing desir. Send cover letter, resume & writing samples to Esther Smith.

SR. TECHNICAL CONSULTANT (PT4712) Computer Svcs., Academic Computing-repost

Provide high-level statistical computing support svcs. through teaching, consulting, & evaluating software. Support related research computing applications, including stats. graphics & database systems.

Req.: MS or equiv. in stats. or related discipline. 3-5 yrs. exp. as stats. computing consultant; in-depth knowl. of mainframe & micro-computer stats. software. Submit cover letter & resume to Judi Pulkinen by 5-22.

STAFF WRITER II (PC148) University Development

Development communications seeks 3rd staff writer responsible for a variety of communications that foster mutually rewarding relationships between Cornell & corporations, foundations & alumni—leading to increased confidence in & financial support of Cornell.

Req.: BA in English, Journalism, Marketing or Comm. Arts or equiv. Able to do original writing as well as re-writing, ghostwriting & editing. Exp. in newswriting, advertising, public relations, fund raising or higher ed. helpful. Position becomes available this summer, but freelance assignments in interim may be arranged. Apply by 5-22 in writing to Gil Ott, Dir., Dev. Operation, 726 University Ave. Enclose 3 or more, fiction or non-fiction, writing samples. For further information contact Sandi Gurowitz, Dir., Dev. Communications, 255-9699.

ASST. CURRICULUM DESIGNER (PC144) Plantations

Assist in design & writing of an elemen. sci. curriculum focused on Life Sciences; assist in implementing & evaluating curriculum working closely with elemen. school teachers.

Req.: BS in bio. sci. or related field or equiv. req. Min. 2 yrs. elemen. teaching exp. Able to work with teachers in a leadership role. Demonstrated ability in curriculum develop. & writing. Send cover letter, resume or call in confidence to Esther Smith (607-255-6878) by 5-15.

ASSISTANT DEAN (PC134) Graduate School Respons. for overall coord. & mgmt. of admissions & records functions of grad. school; interpret grad. legislation; special projects as assigned.

Req.: MS or equiv., Ph.D. pref. Understanding of grad. ed. essential; knowl. of Cornell grad. system highly desir. exp. with IBM mainframe & micro-computers req.; programming exp. desir.; an understanding of design & use of large databases essential. Exc. interper. skills. Able to work independ. Send cover letter & resume or call in confidence to Esther Smith (607-255-6878).

Clerical

REGULAR EMPLOYEES Submit an employee transfer application, resume & cover letter. Career counseling interviews are available by appt. EXTERNAL APPLICANTS Submit an employment application & resume. Interviews are conducted Wed. from 1-6pm at Staffing Services, East Hill Plaza by appt. Contact Esther Smith (255-6878) or Lauren Worsell (255-7044).

OFFICE ASST., GR16 (C1613) Ornithology

Provide clerical support for the Crow's Nest Bookshop. Act as receptionist/sales asst., operate cash register, data entry. Other duties as assigned.

Req.: H.S. or equiv. Prior retail background desir. Able to operate cash register or willingness to learn. Exc. comm. & interper. skills req. Interest & ability to work with computers desir. cash handling exp. Some knowl. or interest in birds helpful. Lt. typing. Minimum Biweekly Salary: \$390.08

OFFICE ASST., GR17 (C162) Modern Languages & Linguistics

Serve as general receptionist for dept. Handle textbook orders; assist with recordkeeping, WP; provide clerical asst. to Admin. Mgr., faculty & support staff in daily operation of large academic dept. Other duties as assigned.

Req.: H.S. dip. or equiv. Busn. or sec. school desir. Some office exp. Familiar with Mac/IBM computer. Able to work with a variety of people essential. Knowl. of foreign languages & cultures desir. Med. typing. Minimum Biweekly Salary: \$409.53

SR. RECORDS ASST., GR18 (C1614) Olin Library

Maintain & update serial bibliographic/holdings records in RLIN database & Union Serials Catalog. Process serial transfers/w/drawals, search problem receipts & assist serial catalogs. Other duties as assigned. Until 6-30-88.

Req.: H.S. dip. or equiv. Add'l. academic training helpful. Lib. exp. desir. Able to perform detailed work accurately. Minimum Biweekly Salary: \$431.43

SENIOR CIRC./RESERVE ASST., GR18 (C1619) Catherwood Library

Share in responsibility for keeping lib. open, perform regular circ. desk & monitoring activities; reserve processing & collection maint.; resp. for security of lib. materials; open & close lib.; maintain & supervise operation of photocopy machine. Other duties as assigned. Hours to be arranged.

Req.: H.S. dip. & some college or busn. school ed. or equiv. related exp. Min. 1 yr. lib. exp. desir. but comparable work involving serving public & dealing with detail will be considered. Must be able to work irregular hrs., primarily evenings & weekends, incl. some holidays. Minimum Biweekly Salary: \$431.43

ACCOUNTS ASST., GR18 (C169) Financial Aid

Responsible for general assistance with Financial Aid & Student Employment Office acctg. Provide audit trails for all acctg. & asst. with internal audits as req.

Req.: AAS in acctg. Exc. org. & interper. skills. Able to meet deadlines & manage several projects at once. Light typing. Minimum Biweekly Salary: \$431.43

SECRETARY, GR18 (C168) Residence Life-Fall Creek Gorge Area

Coordinate admin./sec. tasks in undergrad. residence hall. Handle acctg./bookkeeping; maintain files; distribute mail; oversee student help; act as a resource person; prepare/type reports & correspondence; daily contact with students & public.

Req.: H.S. dip. or equiv. Busn. or sec. school desir. Min. 1-2 yrs. sec. exp. Knowl. of acctg./bookkeeping helpful. Strong org., interper. & comm. skills. Med. typing. Minimum Biweekly Salary: \$431.43

SECRETARY, GR18 (C166) Public Safety

Type; maintain, search for & retrieve files; input & output of data; act as receptionist; answer phones; take dictation. Other duties as assigned.

Req.: H.S. dip. or equiv. Sec. school desir. Some sec. exp. Background in electronic data processing highly desir. Shorthand. Able to set priorities & work in a complex, active environ. Strong interper. skills. High degree of confidentiality req. Med. typing. Minimum Biweekly Salary: \$431.43

SEARCHER, GR18 (C1611) Olin Library

Send card catalogs, nat'l. & trade bibliographies, RLIN database & other sources pertaining to books which lib. is ordering or has received; input new records; check books for accuracy of info. provided. Other duties as assigned. Mon.-Fri. incl. some evening hrs.

Req.: H.S. dip. or equiv. Additional ed. may be substituted for exp. Min. 3 yrs. of progressively responsible tech. exp. in a lib. Working knowl. of at least 1 Western European language—German, Italian, or Spanish pref. Lt. typing. Minimum Biweekly Salary: \$431.43

SECRETARY, GR18 (C1615) Theory Center

Provide recep./sec. support for Cornell National Supercomputer Facility (CNSF) staff located in Caldwell Hall. Use WP & computer terminal; assist staff in coord. logistics of Graph-

ics Hub. Type corresp., answer phones, handle mail. Other duties as assigned.

Req.: H.S. dip. or equiv. Min. 2 yrs. related office exp. Knowl. of computers & WP desir. Accurate record keeping ability. Strong interper., org., & comm. skills. Med. typing. Minimum Biweekly Salary: \$431.43

SECRETARY, GR18 (C1620) Agricultural Economics

Prepare course material for 3 undergrad. courses incl. teaching materials, student handouts & exams. Record & maintain student grades & handle student questions; coordinate activities of teaching assts., paper graders & others involved in teaching of courses. 3 yr. appt.

Req.: H.S. dip. or equiv. Sec. school desir. Min. 2 yrs. exp., pref. at CU. Able to operate WP equip. with exp. in Word or WordPerfect. Working knowl. of Lotus 1-2-3. Good interper., org. & comm. skills req. Med. typing. Minimum Biweekly Salary: \$431.43

ADMINISTRATIVE AIDE, GR19 (C163) Modern Languages & Linguistics

Assist with acad. personnel matters. Monitor acctg.; process busn. transactions & provide monthly reports. Assist with WP, inventory control, recordkeeping. Other duties as assigned.

Req.: AAS in busn. or equiv. Min. 2 yrs. office exp. Knowl. of bookkeeping & database exp. essential, incl. use of spreadsheets. Exp. on IBM/Mac computers pref. Able to organize data. Familiar with CU desir. Knowl. of foreign languages & cultures helpful. Able to set priorities & work in a complex, active environ. Minimum Biweekly Salary: \$457.09

PERSONNEL ASST., GR19 (C1610) Finance & Business Operations

Provide clerical support for following benefit areas: Select Benefits, dental & medical insurance. Act as receptionist for Statutory Employee Benefits.

Req.: AAS desir. or equiv. Knowl. of employee benefit programs pref. Exc. phone skills. Org., interper. & comm. skills. Math aptitude. Able to work with computers. Med. typing. Minimum Biweekly Salary: \$457.09

SR. SPECIAL COLLECTIONS ASST., GR20 (C1612) Olin Library

Catalog rare books using existing catalog copy; catalog other rare materials such as manuscripts & graphics; provide specialized information service; supervise reading room & circulation; search bibliographic records; maintain dept. catalogs & files. Other duties as assigned.

Req.: BS or equiv. in an appropriate field. Appreciation of rare books. Able to perform complex tasks accurately & interact effectively with students & scholars. Thorough knowl. of 1 Western European language. Lt. typing. Minimum Biweekly Salary: \$482.33

SENIOR SALES ASST., GR21 (C1616, C1617) Statler Hotel

Resp. for selling, planning & following through of conferences, meetings, seminars, banquets & private parties, held at Statler Hotel. Coord. clients needs with hotel staff.

Req.: BS in Hotel Admin. desir. Preference will be given to candidates with sales exp. Background in hospitality industry req. Working knowl. of computer/WP equip. Exc. oral & written comm. skills. Med. typing. Minimum Biweekly Salary: \$512.32

RESEARCH AIDE, GR21 (C157) Neurobiology & Behavior

Provide admin. support to professor & research group. Assist in preparation of research grants; & reports; type & proofread scientific papers; serve as liaison with on & off-campus contacts in setting up meetings, workshops, lectures; coord. travel; handle daily corresp.; maintain files; order supplies; other duties as assigned.

Req.: BS or equiv. Scientific background helpful, particularly in Biology. Min. 3-5 yrs. sec. exp. Heavy typing. WP exp. req. Exc. org. & comm. (written & oral) skills. Able to work independently. Minimum Biweekly Salary: \$512.32

EDITORIAL ASST., GR21 (C154) CRSR

Primary resp. as editorial asst. for monthly journal, ICARUS, the major scientific publication in planetary studies; provide clerical assistance; scientific typing. Other duties as assigned. 1 yr. appt.

Req.: AAS or equiv. Exc. command of English, style & grammar. Able to keep exp. records. Some knowl. of astronomy & mechanics of journal production would be helpful. WP skills essential. Minimum Biweekly Salary: \$512.32

ACCOUNTS COORDINATOR, GR24 (C1514) Restricted Fund Accounting

Monitor biannual activities of restricted acctg. Prepare & submit billings to sponsors; monitor receivables; correspond with sponsor & CU community; defend acctg. system to auditors.

Req.: BS in acctg., busn. or related field. Strong acctg. background. Familiarity with CU acctg. system pref. Exp. with IBM-PC (symphony) pref. Exc. comm. skills needed. Minimum Biweekly Salary: \$607.21

RESEARCH AIDE, GR20 (C131) Classics

Operate Kurzweil optical scanner, converting printed texts into computer files, for CU Center for the Computerization of Greek Inscriptions. Scanning texts in Greek & Latin & Classical texts for similar projects at other institutions; organize copies of material scanned; correspond with & provide tech. consultation svcs. to other institutions; train others to use scanner. Until 8-88.

Req.: BA in Classics, humanities, history, or rel. field desir. Prof. in Ancient Greek req. WP exp. Some knowledge of Latin helpful. Exc. org. & interper. skills necessary. Send cover letter, resume or call in confidence to Esther Smith (607-255-6878). Minimum Biweekly Salary: \$482.33

General Service

REGULAR EMPLOYEES Submit an employee transfer application to Staffing Services, East

Hill Plaza. EXTERNAL APPLICANTS: Employment applications are available at Staffing Services, East Hill Plaza 9-noon, Mon.-Thurs.

JOURNEYMAN CONTROL TECHNICIAN (G163) Maintenance & Service Operations

Install, trouble shoot & repair pneumatic & electronic HVAC temperature controls.

Req.: H.S. dip. or equiv.; electronics training desir. Working knowl. of pneumatic & electronic controls. 5 yrs. exp. at trade or closely related work. Valid NYS driver's lic. Must belong to union or be eligible to join in 30 days.

COPY PREPARATION SPECIALIST, GR20 (G161) Graphic Production

Serve as operator for Linotronic 300 & related equip. to set type & merge graphics & text to create photo-ready copy. Communicate with customers regarding matters related to electronic composition processes. Design simple page layouts using both PC & Macintosh based software/hardware.

Req.: H.S. dip. or equiv. Med. typing. Familiar with utilization of both Macintosh & PC compatible computers & standard software programs (Page Maker) desir. Linotronic 300 training provided. Minimum Biweekly Salary: \$482.33

OFFICE ASST., GR18 (G166) Messenger Services

Serve as lead person for mail sorters. Coord. work among mail sorters, comm. with CU community in redirecting mail. Interface with dept. manager & messenger drivers regarding needs & problems.

Req.: H.S. dip. or equiv. Familiar with CU campus & U.S. Postal Service rules & regulations. PC exp. pref. Good comm. skills. Minimum Biweekly Salary: \$431.43

OFFICE ASST., GR17 (G168) Messenger Service

Sort U.S. & campus mail. Prepare mail to approp. Messenger service routes. Correct addresses using microcomputer.

Req.: H.S. dip. or equiv. Familiar with CU campus & U.S. Postal service rules & regulations. PC exp. pref. Minimum Biweekly Salary: \$409.53

CUSTODIAN, SO16 (G162) Residence Life Statutory

Perform maintenance & custodial care of buildings & grounds in immediate vicinity of assigned area. Mon.-Thurs., 7:00-3:30; Fri. 7:00-2:30.

Req.: H.S. dip. or equiv. Able to operate variety of heavy power equip., climb an 8 foot ladder & lift 50 lbs. Basic reading & writing skills. Daily contact with students. Minimum hourly rate: \$5.14

CUSTODIAN, SO16 (G1612) Buildings Care-Endowed

Provide general custodial care of buildings & grounds in immediate vicinity of assigned area. Mon.-Thurs., 11 p.m.-7:30 a.m.; Fri., 11 p.m.-6:30 a.m.

Req.: H.S. dip. or equiv. Able to operate variety of heavy power equip., lift 50 lbs. & climb an 8 foot ladder. Basic reading & writing skills. Minimum hourly rate: \$5.14

CUSTODIAN, SO16 (G1613) Buildings Care-Endowed

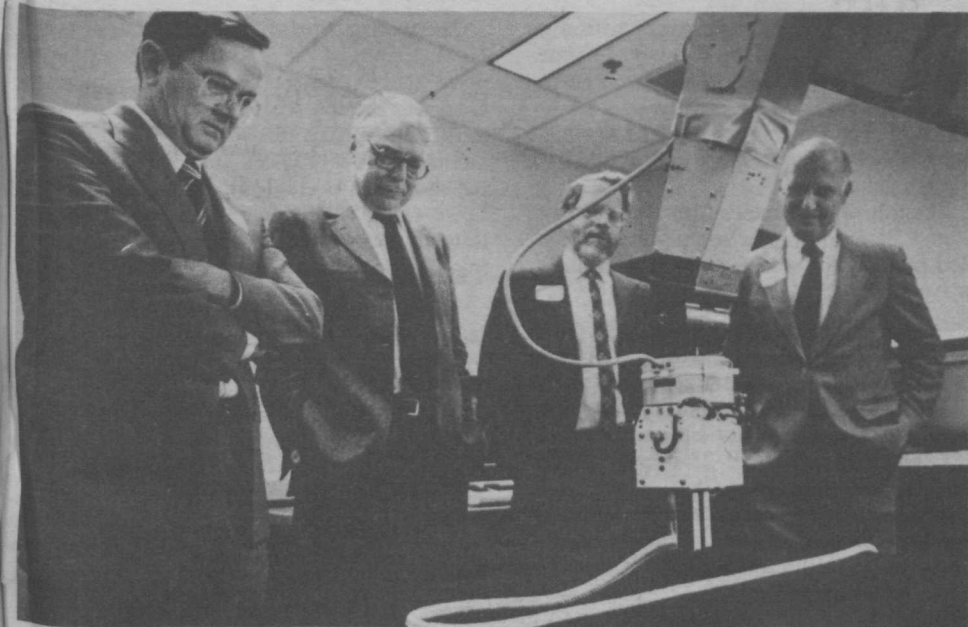
Provide general custodial care of buildings & grounds in immediate vicinity of assigned area. Wed.-Thurs., 6 a.m.-2:30 p.m.; Fri. 6 a.m.-1:30 p.m.; Sat.-Sun., 4 a.m.-12:30 p.m.

Req.: H.S. dip. or equiv. Able to operate variety of heavy power equip., lift 50 lbs. & climb an 8 foot ladder. Basic reading & writing skills. Minimum hourly rate: \$5.14

CUSTODIAN, SO16 (G1610, G1611) Buildings Care-Endowed

Provide general custodial care of buildings & grounds in immediate vicinity of assigned area. Mon.-Thurs., 6 a.m.-2:30 p.m.; Fri. 6 a.m.-1:30 p.m.

Req.: H.S. dip. or equiv. Able to operate variety of heavy power equip., lift 50 lbs. & climb an 8 foot ladder. Basic reading & writing skills. Minimum hourly rate: \$5.14



Claude Levett

A knot-tying robot developed by computer scientist Joseph Kearney was a major attraction at the April 30 dedication of the new computer science facility in Upson Hall. Monitoring the robot's progress are, left to right, Senior Vice President William G. Herbst, Department of Computer Science Chairman David Gries, College of Arts and Sciences Dean Geoffrey V. Chester and College of Engineering Dean William B. Streett.

Computer Science gets home: two-story addition to Upson

From its special "clean" power system to its comfortable lounge and meeting room, the new 22,000-square-foot addition to Upson Hall, dedicated last week, promises to be a good home for the Department of Computer Science.

It was a clearly delighted crowd of faculty, administrators, staff and students who gathered for the April 30 ribbon-cutting ceremonies, marking the first time the department has had a tailor-made space since its beginning 22 years ago.

"Cornell has changed from a teaching institution with a strong commitment to research, to a truly great research institution with an undying commitment to teaching," Senior Vice President William G. Herbst said at the ceremonies, which were presided over by David Gries, the department chairman.

The new facility, said Herbst, is another manifestation of the understanding that "the only thing that counts is quality students, faculty and staff, and such facilities are an important home for these people."

Herbst said that the Upson addition represents the ideal facility for the depart-

ment, which is "considered one of the truly outstanding computer science programs in the country."

The \$5.4-million addition was funded mainly through grants from the J.N. Pew Jr. Charitable Trust, the Emery L. Walker estate, AT&T and David Ahl, a private contributor. The addition was designed by Perkins and Will architects of Washington, D.C.

The new facility includes faculty, student and administrative offices for the department, as well as work station laboratories, computer rooms, a library and conference rooms in a two-story facility connected by a sky-lit stairwell between the two floors.

The architects designed the Upson addition especially for use by computer scientists, including, for example, dual power systems, one of which is "clean"—that is, protected from surges and disturbances. Other special features include dual cooling systems, open cabling trays lining the top of the corridors, plenty of electrical outlets and indirect lighting to reduce glare on computer screens.

—Dennis Meredith

Proxy Review Committee opposes shareholder proposals on firms

Cornell's Proxy Review Committee has rejected two shareholder proposals asking Squibb and Minnesota Mining and Manufacturing to withdraw from South Africa.

The Squibb stock owned by Cornell is worth about \$7.3 million and the 3M stock is worth about \$1 million, according to latest stock market prices.

Patricia Carry Stewart, a Cornell trustee and chairman of the Proxy Review Committee, said the committee voted unanimously May 1 not to support the shareholder proposal on the Squibb proxy because this was in keeping with the committee's policy on drug companies.

Stewart said the committee noted that Squibb has a number one rating in its adherence to the Sullivan Principles and that it has been active in lobbying against apartheid. "The drug products Squibb sells in South Africa provide substantial benefit to the non-white population there," the committee reasoned.

The majority of the Proxy Review Committee voted not to support a similar proposal on the Minnesota Mining and Manufacturing proxy because 3M is rated number one on the Sullivan Principles and has been active in anti-apartheid lobbying, Stewart said.

The majority of the committee again argued that health-care products sold in South Africa by 3M's Riker subsidiary are of benefit to people there and that other 3M products sold in South Africa are not used to enforce apartheid.

The Proxy Review Committee will be voting later this month on two proposals involving General Motors, Stewart said. One asks GM to withdraw from South Africa and the other asks it to end all sales to that country.

Four more proposals

Last week, the Proxy Review Committee voted to abstain on shareholder proposals asking USX Corp. and International Business Machines Corp. to withdraw from South Africa. The committee did not to support two others asking Schering-Plough Corp. and Bristol-Myers Co. to withdraw.

Stewart said members who voted on April 23 to abstain on the USX shareholder resolution felt that it was "poorly drafted."

They also felt that, because USX operates in South Africa only through companies in which it owns a minority of the shares, they "could not evaluate the company's opera-

tions in South Africa or the effect that passage of the resolution would have," she said.

In 1986, Cornell sold about \$5 million worth of commercial paper in the company (then known as U.S. Steel Corp.), because the company was not a signatory to the Sullivan Principles. Since then, USX has adopted the Sullivan Principles, a set of guidelines developed in the mid-1970s by the Rev. Leon Sullivan.

Cornell's USX stock is now worth about \$53,350, according to recent stock market figures.

Abstains on IBM vote

The Proxy Review Committee also abstained on a resolution asking IBM to terminate all sales of computer hardware and software to the South African government.

Stewart said IBM has sold its South African subsidiary to a trust, and the new company has agreed to abide by IBM's policies in South Africa, including not making sales to the government or the military.

Committee members who supported the shareholder resolution argued that the new company would not be able to control whether IBM products ultimately reached the South African government or military.

The committee did not support shareholder resolutions asking Schering-Plough and Bristol-Myers to withdraw from South Africa. In keeping with a decision earlier this month on similar proposals on the proxies of four other drug companies, the committee said "Schering-Plough and Bristol-Myers have been active in the social justice area and in lobbying the South African government against apartheid."

In addition, "Committee members felt the drugs and health-care products the companies sell in South Africa are a substantial benefit to the non-white population there," Stewart said.

Cornell has about 1,900 shares of USX Corp., 41,350 shares of IBM, 11,000 shares of Schering-Plough and 87,000 shares of Bristol-Myers.

The five-member Proxy Review Committee, appointed by the university's board of trustees, includes one faculty member and four trustees, one of whom is a student. It is responsible for deciding how the university will vote South Africa-related issues on the proxies of companies in which Cornell owns stock.

Job Opportunities (continued)

Technical

REGULAR EMPLOYEES: Submit an employee transfer application, resume & cover letter. **EXTERNAL APPLICANTS:** Submit an employment application, resume, & a list of laboratory techniques/equipment, or computer languages/hardware with which you are familiar. Submit a cover letter for each position for which you apply, (specify title, dept. & job number) to Judi Pulkinen, 160 Day Hall. Interviews are conducted the first Thursday of each month from 1:30-4:30 p.m. at Staffing Services, East Hill Plaza. The following backgrounds are highly desired: biochem., chem., microbio., elect., phys., lic. animal health tech. No appt. is necessary, however a brief wait may be required.

TECHNICIAN, GR19 (T161) Animal Science
Perform radioimmunoassays & assays for plasma metabolites & enzymes; histological & histochemical evaluation of skeletal muscles; computer assisted data acquisition & summary. Assist with animal care & experimentation; maintain clean & orderly lab.
Req.: BS in Animal Sci., Biolog., Sci. or Biochem.; coursework in physiol., histol., or cell physio. helpful. Biochemical assay exp. req., animal exp. helpful. Send cover letter & resume to Judi Pulkinen by 5-22.
Minimum Biweekly Salary: \$457.09

TECHNICIAN, GR20 (T164) Vet Medical Teaching Hospital
Take radiographs, process films of animal patients & research materials are req. Other duties as assigned. Mon.-Fri., 10 a.m.-7 p.m., every 4th Sat. 9 a.m.-2 p.m. Some holidays & weekends req.
Req.: Lic. Radiologic Tech. & NYS licensed Animal Health Tech. Exp. handling animals pref. Send cover letter & resume to Judi Pulkinen by 5-15.
Minimum Biweekly Salary: \$482.33

TECHNICIAN, GR20 (T168) Entomology
Provide technical & admin. support for field & lab research program on biol., ecol. & integrated mgmt. of field crop insects.
Req.: BS in biol. sci., plant protection discipline, or related area; NY Certified Pesticide Applicator in categories 1A & 10. Trng. & exp. in research methods for field crop insects; farm background or exp. in operation of farm machinery.

TECHNICIAN, GR21 (T169) Psychology
Operate & supervise Infant Research Center. Supv. research group conducting experiments with human infants. Until 12/31, continuation of position is dependent upon research funding.
Req.: BA or BS in Psychology pref. Some research exp. Good supv., org. & interper. skills essential. Computer programming & WP skills pref. Send cover letter & resume to Judi Pulkinen by 5-22.
Minimum Biweekly Salary: \$482.33

COMPUTER OPERATOR, GR23 (T163) Computer Services
Operate & demonstrate mainframe & micro-computer equip. Perform parallel tasks for printing devices incl. line printers, plotters, laser printers, etc.
Req.: AAS or equiv., plus computer coursework. Knowl. on mainframes & microcomputers. Familiar with Lotus 1-2-3, dBase III & Word Perfect. Good interper. & comm. skills. Send cover letter & resume to Judi Pulkinen by 5-22.
Minimum Biweekly Salary: \$572.27

RESEARCH EQUIPMENT TECHNICIAN, GR25 (T162) Plasma Studies
Provide technical support for constructing & operating of intense pulsed ion beam experiment: build & test high voltage pulsed systems, analog & digital control & timing hardware, a vacuum system, & a variety of associated hardware.
Req.: AAS technical or engr. degree with emphasis on electricity/electronics helpful but not req. Knowl. of basic electricity & electronics, able to build finished hardware from electrical schematics, able to read & understand blueprints & a facility with basic hand tools req. Familiar with high voltage circuits, vacuum systems & machine tools (lathe, milling machines) desir. Relevant exp. essential. Send cover letter & resume to Judi Pulkinen by 5-22.
Minimum Biweekly Salary: \$641.54

RESEARCH SPECIALIST/RESEARCH ASST. III (T1610) Boyce Thompson Institute
Study of mode of action of a herbicide at macromolecular level. Protein purification, electrophoresis, enzyme assays. 1 yr. position, with possibility of second yr.
Req.: MA or BA & at least 2 yrs. tech. exp. in biochemistry lab. Contact Dr. Ruth Alscher, Boyce Thompson Institute, Tower Road, Ithaca, NY 14850. 257-2030.
Minimum Starting Salary: \$13,500 per yr.

RESEARCH ASST. I, (T1611) Boyce Thompson Institute
Lab study of effects of sulfur dioxide on stomatal physiology. Enzyme assays, protein purification.

tion. Some add'l. work with plant tissue culture.
Req.: BS in biology, biochem. essential, research exp. in physiology/biochemistry desir. Contact Dr. Ruth Alscher, Boyce Thompson Institute, Tower Road, Ithaca, NY 14853. 257-2030.
Minimum Starting Salary: \$11,920 per yr.

TECHNICIAN, GR21 (T134) Plant Breeding & Biometry
Execute various protocols used in molecular biolog. research, data analysis, manage lab (order supplies, etc.), prepare various buffers & media, supv. undergrad. students working in a lab, help train new grad. students.
Req.: BS pref. in bio., molecular bio., biochem. or related area or equiv. exp. Related lab exp. req. Send cover letter & resume to Judi Pulkinen by 5-15.
Minimum Biweekly Salary: \$512.32

TECHNICIAN, GR19 (T152) Diagnostic Laboratory
Provide technical support for Mycobacterium paratuberculosis program; prepare culture media & reagents.
Req.: AAS in biol. sci. with microbiol. coursework. Lab exp. desir. but not nec. Basic bacteriology techniques nec. Send cover letter & resume to Judi Pulkinen by 5-15.
Minimum Biweekly Salary: \$457.09

Part-Time

INFORMATION ASST., GR18 (C156) Engineering Library
Responsible for evening info./reference service (12 hrs./wk.). Perform daytime functions of circ./reserve desk (8 hrs./wk.); help train 10-15 students, interprets circulation policy to patrons & provide info. asst. 20 hrs. per wk.; evening & weekend hrs. req.
Req.: 2 yrs. college coursework or equiv. exp. Strong org. & comm. skills. Must be able to work effectively in public service function. Previous lib. exp. desir.
Minimum full-time equivalent: \$431.43

ADMINISTRATIVE AIDE, GR20 (C0615) Chemistry
Resp. for WP in dept. Word Processing Facility. Use IBM PC & Mac & Micom 3000; train staff members in use of machines & various software; keep records of Facility svcs.; prepare monthly billing; arrange for overflow workload

staffing. P-t, M-F, 9 a.m.-1 p.m.
Req.: AAS or equiv. Heavy typing. Min. 3 yrs. exp. in WP using chemical, physics or math terms. Use of WordPerfect, Mac Write & LaTex desir. Demonstrated exp. in prioritizing.
Minimum full-time equivalent: \$482.33

Temporary

Experienced & skilled individuals specifically interested in temporary clerical/secretarial work can contact Lauren Worsell (255-7044).

SERVICE TECHNICIAN (T165) Entomology
Rear insect colonies, handle pesticide solutions, assist in insecticide bioassays, dishwashing, growing plants, other duties. 6 month position.
Req.: BS or advanced undergrad. standing; 1 semester of chem. Good org./comm. skills. Send cover letter & resume to Dr. John Sanderson, Insectary, Upper Tower Road, Ithaca, NY 14850.
Hourly rate: \$4.50

SERVICE TECHNICIAN (T166)
Rear insect colonies, handle pesticide solutions, assist with pesticide bioassays, wash glassware & other duties.
Req.: BS or upper division standing; 1 semester of organic chem. Good org. & comm. skills. Send cover letter & resume to Dr. Richard Roush, Entomology, 6130 Comstock Hall, Cornell University, Ithaca, NY 14853.
Hourly rate: \$4.50

OFFICE ASST. (C136) CU Press Production Dept.
Full or part-time. Type, file, answer phone, mail.
Req.: Accurate typing & proofreading, attention to detail. Ability to carry packages up to 30 lbs.

SUMMER CUSTODIANS (G128) Residence Life
Provide general care & maint. of res. halls & grounds in immediate vicinity of assigned area. May-Aug.; 39 hrs. per wk.
Req.: Able to operate a variety of heavy power equip., lift 50 lbs. & climb an 8 foot ladder. Basic reading & writing skills. Pay: \$3.50/hr., room provided, cash bonus based on svcs. Apply at Staffing Services, East Hill Plaza; Mon.-Thurs. 9 a.m.-12 noon or call 273-1179.

PHOTOCOPY ASST. (C099) Olin Lib. Admin. Oper.

Provide coverage for operations of Photocopy Services; supply minor maint. for CUL photocopyers & related equip.; answer calls for svcs.; make approp. log entries & ensure proper responses to requests for svcs.; supv. students, Eve. & weekend hrs; part-time.

Req.: H.S. dip. Work exp. pref. Willing to work with machines. Able to work with patrons, staff & faculty.

Academic

Contact department directly.

AUTHORITIES LIBRARIAN (A161) University Libraries

Send cover letter, resume & a list of 3 references to Carolyn A. Pyhtila, Personnel Director, 235 Olin Library, Cornell University Libraries, Ithaca, NY 14853-5301.

ASSISTANT OR ASSOCIATE PROFESSOR (A162) Rural Sociology
Send vita, transcript & 3 letters of reference to Eugene C. Erickson, Chair, Department of Rural Sociology, Cornell University, Ithaca, NY 14853 by 8-15.

RESEARCH ASSOCIATE (A163) Natural Resources-Old Forge, NY
Send letter of application, vita, transcripts & names of 3 references to Dr. W.D. Youngs, Fernow Hall, Dept. of Natural Resources, Cornell University, Ithaca, NY 14853 by 5-29.

EXTENSION SUPPORT AIDE (P168) Human Service Studies
Design & conduct training programs for Cooperative Extension audiences on non-directive counseling techniques; write & assemble video training package & guide, write & organize pamphlets & resource file, conduct in-service training for Cooperative Extension agents & selected Human Service personnel. Evaluate impact of training & materials. 9 month position.
Req.: MS in education, human development, human service; or equiv. Exp. in training/teaching role, or related exp. in related subject area necessary. Written comm. ability necessary; some knowl. of video equip. & techniques desir. Send cover letter & resume to Cynthia Smith-bower by 5/15.

SPORTS

The men's lacrosse team won its 17th Ivy League championship outright last Saturday with a hard-fought 9-5 victory over Brown in Providence.

It was the 12th straight victory for Cornell and solidified its hold on the No. 2 ranking in the country.

The game did not start off well for the Red. The Bruins shot out a 3-1 first-period advantage. But seniors Bob Cummings and Steve Paletta each notched a second-period tally to send the Red into the locker room at the half knotted at 3-3.

Brown took a 4-3 lead midway through the third stanza before Cornell finally broke the game open. Charlie Caliendo, Tim Goldstein and Cummings scored goals just three minutes apart to put Cornell ahead 6-4. And, moments later, Goldstein and Aaron Jones each scored.

Sophomore goaltender Paul Schimoler made 20 saves, many of them spectacular, and for his effort, he was named Ivy Player

of the Week.

Cornell closes its regular season with an 11-0 mark, the first unbeaten regular season since 1978. The team should receive a first-round bye in the NCAA playoffs, which would mean the laxers would be in action again on May 17. Otherwise, Cornell will play again on May 13.

The women's lacrosse team finished up its best season ever last weekend by successfully defending the New York State championship title at Cortland.

The team started off with a 9-4 first-round win over Union on Friday. Paced by Ellen Graap's two goals and two assists, the Red took a 7-3 lead at the half and never let Union come close. Juniors Meg Bantley and Julie Infurna added 2-0 and 1-2, respectively, in the win.

In the semifinal round, Cornell defeated William Smith by a 12-9 margin. William Smith led 6-4 at the half, but Cornell came out strong in the second stanza, scoring four unanswered goals in the first seven minutes to take an 9-6 lead. William Smith netted one more goal before three more Cornell goals extended the Red lead to 11-7.

The Red met Colgate in the finals on

Sunday and won the tournament with a 5-4 victory over the Red Raiders. Colgate took a 2-1 lead into halftime. But then Cornell quickly tied it up when play resumed. The Raiders took a lead again, but Cornell took two more and another still to take the contest.

The title was Cornell's fifth New York State Championship in seven years. The Red finished the season at 11-3 overall, 3-3 in Ivy action.

Baseball

The Red baseball team won two of three games last week, defeating upstate rival Hobart Thursday before splitting a double-header with league leader Harvard on Sunday. The Red is now 10-23 overall, 5-9 in the EIBL.

Cornell edged out Hobart 6-5. Harvard shut out Cornell 11-0 in the first game of the twinbill, and in the nightcap, Cornell came back to win 7-6.

Track

The men's track team placed fourth in the Heptagonal championships at Yale last weekend. Senior captain Darren Roach contribute to the team's overall score by placing in four events.

The women's team finished eighth at the Heps. Eleven of the 20 athletes who competed at the meet scored. Freshman Judy Gitzi was the top scorer for Cornell, placing third in the discus throw (133-7) and the hammer throw (135-9), and placed fifth in the shot put (41-11 1/4). Junior Kerry Lewis ran a 14.69 personal best to finish third in the event.

Tennis

The men's tennis squad wrapped up its season against Colgate last Sunday, winning 6-3, after losing to Harvard 9-0 on Friday. Against Colgate, Cornell won five of six singles matches and first and second doubles. The netters' final record was 10-12 overall, 1-7 in the EITA.

The women's team also ended its season with a 9-0 loss to the Crimson. The squad ended with a 3-9 overall record, 0-6 in Ivy action.

— Marcy Dubroff

Tuesday, 5/12

Men's Baseball - Ithaca College, noon, Hoy Field.

Survey shows new drinking age law has little effect here

Raising the alcohol-purchase age to 21 has had little effect on student drinking habhere, according to results of a survey conducted in the first year of New York's new minimum-age law.

Ninety percent of undergraduates surveyed said they continue to drink, despite the law that makes at least three-quarters of them too young to buy alcohol.

Results of the survey, which are in the just-published spring 1987 issue of the Health Services' newsletter, "Vital Signs," indicate that Cornell's 12,300 undergraduates are typical of college students across the country. Between 85 and 95 percent of students at most American colleges and universities drink alcohol at least occasionally, according to studies by the National Institute of Alcohol Abuse and Alcoholism.

Gannett health educators conducted the survey in late 1986 to assess needs for alcohol-awareness programs. They will report their findings at the annual meeting of the American College Health Association May 26-30 in Chicago.

The state law makes it illegal to sell or otherwise provide alcohol to persons under age 21. Half the Cornell undergraduates surveyed said the law had no impact on their drinking behavior, while only one in seven reported drinking less. Nearly one-quarter of the students said the higher age limit caused them to shift their drinking to residence hall rooms or apartments, and about 17 percent said they were drinking more frequently at parties.

Another 6 percent told surveyors they were using other drugs more often since the alcohol-control law took effect in December 1985. About 6 percent said they were drinking more.

The 1986 drinking behavior survey has earned James E. Davis a national award from American College Health Association for the best research conducted by a student. University Health Services will have an exhibit on the survey and results at the association's annual meeting May 26-30 in Chicago, where Davis will receive the research award.



Wine and other forms of alcohol cannot be purchased legally by those under 21, but a recent survey shows New York's new drinking age law has little effect among undergraduates.

The state's drinking age had been 18 until 1982, when it was raised to 19. When the latest law was passed, those expected to be most directly affected by the higher age limit were drinkers in the 19-20 age bracket, as well as owners of taverns that cater to college-age patrons.

Gannett conducted the survey as part of its Alcohol Risk Reduction Program. Some 371 students completed the confidential 30-question survey, which was mailed to a random sample of 584 full-time undergraduate students. Results were compared with a similar student survey conducted in 1985, before the law raising the minimum age for purchasing alcohol to 21 took effect.

The survey also asked about drug use within the past year. Of those who responded, 44.6 percent said they used marijuana at least once, 15.1 percent said they used cocaine and 8.6 percent said they used hallucinogens.

"The findings are consistent with anecdotal reports given by our students and reports from other schools," said Nancy Reynolds, a Gannett health educator and

director of the Alcohol Risk Reduction Program. "Alcohol is by far the most widely used drug, followed by marijuana. We're not seeing widespread student use of other drugs here at Cornell, although they are available."

"Most students under the purchase age still have access to alcohol, so they're not necessarily turning to other drugs," said Janis I. Talbot, supervisor of health education. "Alcohol is still the drug of choice for most students."

James E. Davis, a graduate student in evaluation research who analyzed the survey, said the reported 2.8 percent decrease in student drinkers between 1985 and 1986 was not considered statistically significant.

However, Davis noted a slight moderation in the amount of alcohol consumed between 1985 and 1986, with "heavy drinking" down 4 percent. (The health educators defined heavy drinking as having five or more drinks per sitting at least weekly or three to four drinks at least three times a week.)

"The drinking-age law appears to have

had its greatest impact on the heaviest drinkers on campus — namely men," Davis commented. "Heavy drinking by males was down 9 percent; and, by fraternity members, a significant 23 percent."

In contrast, heavy drinking by female students remained fairly constant, resulting in a narrowing of the gap between the drinking behaviors of men and women. The first year, men were two and a half times more likely to be heavy drinkers than were women; by 1986, that difference had been cut in half.

No correlation was found between student age and drinking. Freshmen are just as likely to be heavy drinkers as seniors, according to the survey.

Among other findings in the survey:

- About two-thirds of respondents drink alcohol once a week or less compared with 30 percent who said they drink an average of two to three times a week and 6 percent who drink more than three times a week.

- When asked to describe their drinking, only 5 percent of the respondents called themselves "heavy drinkers," but 17 percent met the criteria for heavy drinking as defined by the survey.

- About 14 percent of the students surveyed in 1986 said they thought they might have "a drinking problem," a figure that was down slightly from 16 percent in 1985. However, 41 percent said they have at least one close friend at Cornell with a drinking problem. In 1985, there were 37 percent who said they knew of friends with drinking problems.

To assess what they called the "negative consequences" of drinking, the surveyors asked students how often their drinking resulted in difficulties such as damaged relationships, missed classes or physical injury. The surveyors found that, although alcohol consumption appeared to moderate between 1985 and 1986, the negative consequences of drinking actually increased.

There was a 12 percent rise in the number of students reporting physical injuries as a result of drinking. In 1986, by comparison, 10 percent more than in 1985 reported doing or saying things while drinking that they regretted afterwards, and a 7 percent increase was reported in those who said drinking resulted in being taken advantage of sexually.

New CUINFO program to boost 'alcohol I.Q.' popular with students

The anonymity of the computer screen is encouraging thousands of students to test their "alcohol I.Q."

Since last November, when the "Alcohol I.Q. Network" was added to CUINFO, the campuswide information service, more than 4,000 sessions have been recorded.

Key to the popularity of the "Alcohol I.Q. Network," which is available on any campus terminal linked to the university's mainframe computer, is that "it is a private, non-threatening way to obtain information and assess personal drinking habits," according to Nancy Reynolds, a Gannett health educator.

These computerized programs will be on display at the annual meeting of the American

College Health Association May 26-30 at the Chicago Marriott Hotel.

Students sitting down to a computer terminal can call for three alcohol-related programs:

- Spirited information, which contains information in 10 subject areas, including alcohol's physical effects, tips for party planning, how to help a problem drinker and alcohol-related services at Cornell.

- Alcohol I.Q. quest, a quiz game testing alcohol knowledge through seven question categories. High scorers are placed in an expert's category and qualify for prizes.

- Private stock, a self-assessment of alcohol use to help individuals identify and learn about high-risk drinking behaviors

that could be modified to reduce the likelihood of experiencing alcohol-related problems. Referral resources for alcohol counseling and information also are provided.

"Although the users remain anonymous, the interactive computer program compiles demographic statistics — as well as user comments — from an optional evaluation section," Reynolds said. "Preliminary data reveal that 65 percent of the network users are men, a higher percentage than participate in our group workshops."

The health educators believe another reason for the heightened awareness is Cornell's Alcohol Risk Reduction Program, which began two years ago with funding

from the Metropolitan Life Foundation. While some students receiving the education are required to do so by the campus judicial system because of an alcohol-related offense, most participation is voluntary, Reynolds noted.

One alcohol risk-reduction effort, the ALERT Peer Education Program, has something for everyone, Reynolds said. ALERT peer educators are students who participate in a 10-week training program covering all areas of substance abuse. Using skits to depict common situations related to college alcohol use, the peer educators conduct workshops for other students in residence halls and fraternity and sorority houses.

— Roger Segelken

Networking

A Cornell Newsletter Published by Employees for Employees

Networking 8, Number 4

Thursday, May 7, 1987

Elizabeth Markees Dedicated Service Award Winner for May

Elizabeth Markees began her career at Cornell in August of 1973, employed in the Office of the Dean of the Arts College. "This opportunity," according to Betty, "gave me a chance to learn and do everything," and she quickly became familiar with Cornell's various administrative and academic components. Within five months, her competence led to a strong recommendation of Betty for the position of senior administrative secretary for the prestigious A.D. White Professors-at-Large program. The program, which sponsors at any one time 20 individuals chosen for their outstanding achievements and international distinction in a wide range of intellectual interests, aims to enliven and enrich intellectual and cultural life at Cornell.

For over twelve years, Elizabeth Markees has enriched the lives of the program's participants with her efficiency, humor, hospitality, and thoughtfulness. Working with a number of program chairs, including Professors Max Brown, Vinay Ambegaokar, Jon Stallworthy, and Urie Bronfenbrenner, faculty sponsors for each Professor-at-Large, and the professors themselves, Betty has been the central source of information, coordination, and support for the program. As one faculty sponsor wrote of Betty: "I have always found Betty Markees not only

cheerfully willing to help but exceptionally capable in devising sensible solutions. With her support, my own job was an easy one; without that support, my sponsorship might have been a nightmare."

Betty's retirement in July begins a time when she can pursue more of her own interests. She is currently enrolled in computer training courses and plans to continue working on a part-time basis. Betty also intends to take courses in a subject she has always had an interest in -- linguistics. Added to these new ventures, are her continued interest in literature, theatre, and music.

In his letter of nomination of Betty for the Dedicated Service Award, Professor Bronfenbrenner wrote: "...she has not only exhibited a high order of confidence, but also given what no position can require -- a loyalty, a dedication and concern beyond the call of duty. As I understand it, it is precisely for this kind of outstanding performance that the Dedicated Service Award is granted." These sentiments were echoed by faculty, Professors-at-Large, and the staff with whom Betty works. We hope this award in some way demonstrates our appreciation of her qualities as a person and as a professional.



Elizabeth Markees

"...she has not only exhibited a high order of confidence, but also given what no position can require - a loyalty, a dedication and concern beyond the call of duty."

Around Cornell:

The Moonlight Express

by Ann Marcham

In a sturdy Victorian house, women of different ages and life styles gather to discuss their common interest in poetry. They review poems, with no names attached. They make suggestions. How would you depict research on the nervous systems of snails, Alzheimer's disease, writer's block, or Sanskrit when they emerge as topics in poems?

The Writers' Association of the Ithaca area, has published a new anthology, "Can we get there by Moonlight?" The twenty-one members of Ithaca's oldest writers club include professional writers and talented beginners. Five are members of the Cornell community. Leona House was a laboratory assistant in biochemistry. In the fall, she received a "Golden Poet" award from a society of poets in California. And, on the 1986 Labor Day weekend, she flew to Florida for a large award ceremony that included such interesting celebrities as Vincent Price and Maya Angelou. Cheryl Tavares, a laboratory attendant in biochemistry, recently had a poem entitled "Platoon"

The Writers' Association of the Ithaca Area has published a new anthology, "Can We Get There by Moonlight?"

published in the "Grapevine."

Another member of the group, Sharon Gunkel, is a secretary in the College of Veterinary Medicine. Her poem, "Not Even the Tallest..." appeared in the "Christian Science Monitor" in 1974; an achievement that would please a faculty member! Until retirement, Anita Reed was an administrative supervisor in the history department. Jeanette Knapp is an associate editor with the "Cornell Alumni News."

The Writers' Association is open to all area writers. For information you can contact any of its members. The poems presented here are by Cornell employees and their neighbors. "Can we get there by Moonlight?" is available at local bookstores.

KALEIDOSCOPE

Inflation
taxation
racial strife
court trials
denials
someone's life
at stake
Inflation
taxation
a hungry child's eyes
stare hopelessly upward
for help from the skies
Inflation
taxation
a strike
here and there
the pattern
keeps changing
like currents
of air
Inflation



Sharon Gunkel



Jeanette Knapp

taxation
emerge and fade
unseen colors
in masquerade. Anita W. Reed

Not even the tallest,
the most sturdy
of the wild flowers has forgotten
the whisper of wind
The daisies remember
cracks in a patio brick, a meadow
rich in sun, and wind gathering seed
from pliable blossoms
to spread on a bare hill.
Aware of their origins
they bend their heads
bruising petals in shards of stone.
An angry bee returns,
the sporadic butterfly weaving
among toppling heads,
knows the wind will pass by
ruffling chicory blues, goldenrod....
by Sharon Gunkel
(This poem was originally published in the "Christian Science Monitor").

Sowing and Reaping
Slick seed catalogues
and newsprint tax forms
arrive in the mail together
with another inch of snow.
Asters, phlox, and primrose,
Add, subtract, see line two.
Pay last year's fiddler.
Order this year's bounty.
Subtract, add, see line three.
Reward January's diligence
with summer harvest dreams.
Add, subtract, see schedule B.
Account for all the dollars,
Plan for rains of spring.
Spend, deduct, tax.
See schedule C.
Invest, spend, save,
Tomatoes, corn, and peas.

Jeanette Knapp

An Ithacan's Lament
Carl Sagan and I, we go way back,
Oh, billions and billions of years.
Well... maybe not that long but, face it,
The blood in our veins makes us peers.
So I know what he does because I do.
He eats, drinks, sleeps, works, plays,
and shops
So tell me, my good friend, Carl Sagan,
Why don't I ever see you at TOPS.

Fragile
This used
to be a poem
'Til it
broke
in the
breeze crack
of doubt.
Now all
that's
left are
poetry
shards.
The essence
all
spilled
out

Gay Lynn Testut

Employee Assembly Logo Contest Draws Overwhelming Response

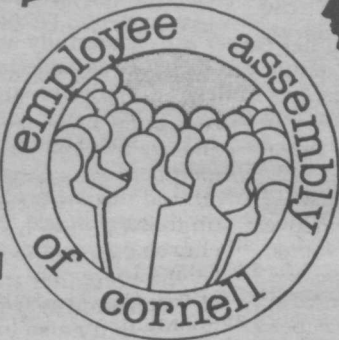
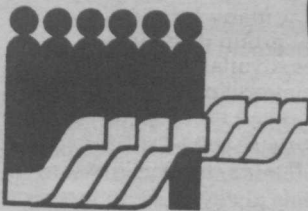
Finalists



Annemiek Schilder and Brett Gardy Winners

We have a logo! As a result of the logo contest it sponsored, the Employee Assembly now has a symbol which will be used to identify all visual material directly related to its work and function. We trust this logo will provide a readily identifiable means for all members of the Cornell community to instantly recognize its links with the employee's part of the campus governance system.

The logo contest offered a prize of \$200 in Campus Store gift certificates. The response to our contest was overwhelming: we received sixty-nine quality designs, which presented a difficult decision for the judges. The panel of judges, Judy McPherson, Donna Updike and Joan Heffernan, are all members of both the Employee Assembly and the Networking Board.



After selecting nineteen semifinalists and seven finalists, the judges announced their decision on Friday, March 6th. They chose Annemiek Schilder's excellent entry as the winning logo, believing it best symbolized the ideal of employees working together within the setting of the University. The judges were also impressed with the concept and design of the entry submitted by Brett Grady and awarded him a special prize of \$100 in Campus Store gift certificates.

As part of its regular meeting, the Employee Assembly hosted a special reception in honor of all contest participants on Wednesday, March 18th in B-8 Roberts Hall. Many of the entrants were able to attend, enjoying the refreshments, while having an

opportunity to view all of the logo entires on display. The logo contest winners, Annemiek Schilder and Brett Gardy, were formally presented with their prize-winning gift certificates.

On behalf of the Employee Assembly and the Communication Committee, we wish to again thank all of the participants and the others involved with the planning and realization of this successful contest. Special thanks go to the Campus Store for their generous donation of a portion of the gift certificates and to Cris Gardner and Mary Szczepanski in the Assemblies Office for their cooperation and work in assisting the judges. And, of course, recognition goes to all the creative, talented members of the Cornell community who responded so enthusiastically to the contest.

Cornell Volunteer Commencement Ushers:

"It's Just Terrific to Be There"

On Sunday, May 31st, 350 ushers wearing easily identifiable red coats will be stationed at strategic points on campus assuring a smooth and orderly 119th commencement day. Overseeing the processional, crowd control, and seating of graduates, faculty, and guests will be group leaders with years of experience behind them.

Betsy East, associate director, Athletics and Physical Education, is the group leader for the Quad Ushers and her group is responsible for the graduates from the time they enter Schoellkopf Field in the processional until the end of the commencement ceremony when President Rhodes leaves the stadium. "I started as an usher because I knew a lot of the students through the athletic department, and commencement takes place in one of our facilities, she says. "I

have continued working each year because I think commencement is one of the most exciting events on campus."

Human Ecology Director of Alumni Development Carolyn Cook is a leader whose group is responsible for welcoming and seating the 22,000 guests in the Crescent. "We try to make this as positive an experience as possible. The Crescent is a large area and I rely on the help of five area coordinators and 50-60 ushers to get the job done," Carolyn notes.

"I've continued volunteering as an usher because my position in the Alumni Affairs office in Human Ecology has exposed me to a lot of students and parents who are involved in alumni activities, and I like seeing this particular phase of our Cornell experience. It is such a happy day, and because there are so



Group leaders for the 1987 commencement include (left to right front row): Linda Lerch, Andrea Dutcher, Connie Mabry, Karl Schmid; (left to right back row): Linda Hill, Carolyn Cook, Vickie Goss, Janet Lalor, Betsy East. Absent: Allene Hays.

many Cornell parents who are alumni themselves, it is just terrific to be there."

West Stands group leader Karl Schmid is the director of Maintenance Service Operations and says, "I see our responsibility as commencement ushers similar to that of gracious hosts for our guests -- welcoming them into our home. I feel that students are the most important part of the University and I get a lot of pleasure out of sharing in their success on this day."

Six years ago women's basketball coach Linda Lerch volunteered to be a commencement usher because she wanted to help out. "Now I find that I keep coming back every year because I think President Rhodes is an excellent speaker and I enjoy hearing his commencement addresses. The primary responsibility of the quad usher group is to make sure the procession starts on time, maintain order, and keep the graduates moving. I enjoy helping to make the day a good one for the students."

Janet Lalor returns for her third year as a commencement usher and enjoys

with everyone involved in this exciting occasion. "My group works inside and is responsible for preparing and coordinating the distribution of items used by the ushers such as jackets, name tags, and boutonnieres. There can be quite a bit of confusion in the area and our responsibility is to make sure things run smoothly," she says.

College of Agriculture and Life Sciences Administrative Aide Linda Hill says, "We are starting a new group that I am responsible for this year -information. This new group will be there to answer guests' questions. I've volunteered as an usher for a number of years because it's a fun day and is part of Cornell most people don't see. I especially enjoy watching the proud parents and happy kids."

If you have volunteered in the past, why not consider joining us again this year and ask a fellow worker to join you. We know you'll find the experience so rewarding that you'll probably volunteer again next year. Please complete this coupon and return it to the Commencement Office, B-25 Day Hall by May 14.



Commencement Volunteer Coupon

Return to Commencement Office, B-25 Day Hall.

I will be able to help as an usher at Commencement on May 31, 1987.

Name _____

Campus Telephone _____

Department _____

Campus Mailing Address _____

Another possible volunteer is: _____

Name _____

Campus Telephone _____

Campus Mailing Address _____

Dryden Footlighters to Perform ‘You Can’t Take It with You’

Enjoy an evening with friends, neighbors, and coworkers, when you take in a performance of The Dryden Footlighters production of "You Can't take it With You." Although many Cornell employees belong to the Dryden Footlighters, only two are in the cast of this season's production. Gerald Combs, Jr., an associate professor of nutrition in the Department of Poultry and Avian Sciences, will portray Grandpa Vanderhof, one of the central characters in the play and JoAnn Gasparovic, a 1987 Cornell graduate and Entrepot employee, will play the very snobbish Mrs. Kirby. Working behind the scenes, however, are three more Cornell employees: Sandy Horton, Controller's Office; Diane Colf, Poultry and Avian Sciences; and Donna Whiting, Nutritional Sciences. Sandy is in charge of properties and set furnishings, Diane is publicity chairperson, and Donna does make-up for the cast.

Essentially, the play is a fantasy about ultimate free choice and an absence of any modern-day stresses. The Vanderhofs are a family that we all envy and love for their zest for life and ability to somehow get away with a lifestyle that we ourselves would like to lead. "You Can't Take It With you" is a two-hour escape from the 1980's; a welcome visit with friends we can both identify with and admire for their unique outlook on life.

In celebration of the 20th anniversary of "You Can't Take It With You," the Dry-

In celebration of the 20th anniversary of "You Can't Take It with You," the Footlighters are offering special ticket prices to encourage everyone to come and see the show."

den Footlighters are offering special ticket prices to encourage everyone to come and see the show. This is possible with the help of a decentralization grant from the Tompkins County Arts Council to promote attendance at community theatre productions.

Ticket prices are: Adults - \$3.50 advance sale; \$4.00 at the door, Senior Citizens and Children (11 and under) - \$2.50 and are available from cast and crew members as well as at many locations around town. Special group discounts of up to 20% off are also available for church, civic, or social organizations by calling Diane Colf at 844-4155 between 5 and 9pm, or by writing to the Dryden Footlighters at P.O. Box 777, Dryden, NY 13053.

"You can't Take It With You" will be performed on Friday and Saturday evenings, May 8, 9, 15 and 16 at 8pm, at the Dryden High School Auditorium.



The Kirbys (David Brokaw, JoAnn Gasparovic, and Andy McMillin) meet Grandpa (Jerry Combs) and Penny Sycamore (Dorothea Warner) in a scene from "You Can't Take It With You" to be performed by the Dryden Footlighters on May 8, 9, 15, and 16 at the Dryden High School Auditorium. (Photo by Dewey Neild).

CRC News

Finger Lakes Racing, Elections, German Alps Festival on Agenda

Annual Summer Picnic: The annual summer picnic will be held on Saturday, June 6 at Helen Newman grounds from 10:00 am - 6:00 pm. This event is FREE to all CRC members but you must have a ticket to attend. Tickets are now available from the CRC office, 165 Day Hall. Stop by and pick up yours today. Hamburgers, hot dogs, hot sausage, beer, pop, and chicken or roast beef (for dinner) will be available at not charge. Please bring a dish to pass to share with everyone for the dinner. Volunteers are needed to help with set up, clean up, and cooking. Leave your name with Peggy in the CRC Office if you would like to help. Guest tickets are also available.

Finger Lakes Racing: There are just a few openings available for this great day at the track. The cost is \$25.00 per person and includes transportation, a deluxe chicken luncheon, admission to the track and clubhouse, and a racing program. Sign up now. The date is May 16th.

CRC PARK: Work is continuing at the site. A small group of dedicated volunteers has been working on Saturdays. There are many odds and ends that need to be done. As long as the weather is good, there will be workers at the site every Saturday at 9:00 am. Why not come out and lend a hand?

Elections for the CRC Board of Directors are coming up in June. All CRC members are eligible to run for a seat on the Board. Get involved in guiding CRC in its endeavors. Consider running for one of the three seats that are open. If you know someone who would like to be nominated or you would like to nominate yourself, contact the CRC Office, 255-7565.

Deep Sea Fishing: Wildwood, NJ -June 12-14, 1987. The bus will leave Ithaca on Friday evening, June 12 and travel to NJ arriving in Wildwood on Saturday. The group will fish with the Adventurer Fleet for a full day on Saturday and then stay overnight at the Whittier Inn, Pleasantville, NJ. The trip includes but transportation, boat, bait, tackle, motel (which offers a free shuttle to Atlantic City!) and continental breakfast. The price is \$115 per person, double occupancy. A deposit of \$60 is due when registering and the balance is due by May 22. Call today.

Montreal, Canada - July 9-12, 1987: This promises to be a wonderful vacation. Included are roundtrip transportation via Motor coach, three nights accommodations at the Holiday Inn-Place Dupuis, group dinner on evening of arrival, half-day tour of Montreal which

The annual summer picnic is free to all CRC members but you must have a ticket to attend.

covers over 200 points of scenic and historical interest, and a full-day tour beyond the city to the Laurentain highland (includes lunch and a boat ride). Participation is limited to 46 people. The price is \$210 per person, double occupancy. A deposit of \$100 is due at the time of registration. Final payments are due by June 12.

German Alps Festival: Just three places remain on the trip to Hunter, NY for this unique, authentic midsummer "Octoberfest." July 18th is the date and the cost is only \$21.00 per person. Call today.

HAWAII December 29 - January 12: Call the CRC Office for more information on the three options we are offering for this trip. Over fifty people have already signed up to go. Don't be left out!!

Gannett Health Center Becomes Member of Empire Plan

On May 1, 1987, Cornell University Health Services (UHS), located in Gannett Health Center became a participant in the Empire Plan (insurance carrier for New York Statutory employees).

UHS will bill the Empire Plan directly for covered medical services. The patient will be billed for uncovered services.

Only eligible employees, retirees, students and student dependents may be cared for at UHS. Except for emergencies, spouses and dependents of faculty and staff members and non-Cornell related persons on campus are NOT eligible to be seen at the Center.

On the first visit to UHS after May 1, 1987, the Empire Plan subscriber will be asked to visit the New Patient Orientation Office (off the main reception area) to provide adequate billing information PRIOR to their appointment. The patient needs to remember to carry the Empire ID card and Cornell ID. Without proper identification (required at each visit), the patient will be asked to pay fee-for-service for that day's visit.

UHS staff members are available to answer questions in the following offices:

New Patient Orientation	255-4364
Billing Office	255-7492
Cashier's Office	255-6952

Transfers and Promotions

Congratulations to Employees on the Move

Employee	Department
Jeanne Appling	Environmental Health
Carol Avery	Accounting
George Boyce	Computer Services
Craig Callinan	Theory Center
Ruth S. Carlson	Hotel Administration
Susan J. Cole	Dining
Michele M. Conrad	Facilities
Philip L. Cox	Facilities Engineering
Terri Denman	Math
Frederik DeWolf	Residence Life
Ann Dickinson	Accounting
Charles Evans	Computer Services
Cynthia M. Ferguson	Traffic
Bruce Fingerhood	Engineering
Vivian Geller	Unclassified Students
Karen Gentile	Financial Aid
Wayne Hartz	Environmental Health
Michael Hojnowski	Theory Center
Laurie J. Horner	Accounting
Shelley R. Hough	Animal Science
Amanda Hoyt	Residence Life
Linda E. Humble	Law School
Vincent Kotmel	Physics
Donna Kuhar	Architecture
Mary J. Lash	University Press
Jayne A. LeGro	Institutional Planning & Analysis
Brenda Lind	Arts & Sciences
Loretta Mayes	Civil & Environmental Engineering
June M. Morehouse	Law School
Theresa Norman	Computer Services
Sheila F. Patterson	Dining
Allen Phelps	Facilities
Bondolin Postel	Computer Services
Carrie Regenstein	Computer Services
Peggy Roberts	Computer Services
Lisa S. Rogers	Civil & Environmental Engineering
Jennifer Shea	Arts & Sciences
Joyce Sheldon	Residence Life
Kathleen S. Smith	Dining
Catherine Stevens	Math
Reva Teeter	Ornithology
Steven Thane	Computer Services
Nancy VanOrman	Computer Services
David B. Wakoff	Computer Services
Robert L. Walker	Building Care
Judy A. Wilson	Lab of Atomic and Solid State Physics
Charles Winans	Facilities
Thomas Young	Computer Services
Donna Benjamin	International Studies
Delores D. Berry	Office Equipment Center
Carrie Corbin	Public Affairs
Richard Deeb	Administrative Services
Alicia Dowd	Summer Session
Sharon Greene	Astronomy
Dawn T. Gross	Engineering
Linda Hoose	Computer Services
Roger Karaim	Graphic Production
Kathryn M. King	Engineering
William Lelik	Graphic Production
Dorothy Marsh	Computer Science
Diane M. Mattison	Telecommunications
Eileen McKelvey	Engineering
Robin Percy	Administrative Services
David Perkins	Telecommunication
Joel B. Rabinowitz	Development
Linda C. Willis	Engineering
Richard Young, Sr.	Life Safety

Unclassified Ads

1. Please submit all unclassified ads to Networking Unclassifieds, 240 MVR - no phone calls please.
2. For our information your name and campus phone number MUST be submitted with ads. Otherwise your ad will be omitted.
3. All unclassified ads are free of charge to Cornell faculty, staff and students and will be printed in the order received as space permits.
4. Please limit your ad to 30 words or less. If an ad is longer than 30 words it may be shortened by the Networking staff.
5. Unclassified ads are for nonbusiness purposes only.
6. The deadline for the May 21st issue is May 11th.
7. If an error appears in your ad, please resubmit the ad to be published in next available Networking.

For Sale

1980 Chevette, 4-spd, runs good, needs brakes, very little rust, as is \$1000, 5-7999 or 589-4043.
1979 Chevette, 4-dr, hatchback, automatic, air cond, no rust, \$2500. Don Shiffler, 5-3552 or 277-0371.
1978 Toyota Corona wagon, southern car, must sell, AC, power brakes, power steering, AM-FM, very good cond, \$850 OBO, 589-4228 after 6pm weekdays, anytime weekends.

1981 Ford Granada - Low mileage, \$1500. Matching 10-speeds, \$100 for the pair. 13' B&W TV \$30. Double bed, dresser, couch, cameras, more. 257-5674 (leave message).
1968 Volvo 122S. Very good condition. Bill Cornell maintained. Best offer. 272-4680 evenings till 10 p.m.
1979 Honda Civic, 4 cylinders, 4-door, no rust, good condition. Asking \$1560 or best offer. New tires, new battery, am—fm radio. Call 257-0661.

1986 Ford Escort, excellent condition, take over payments of \$170.00 for 2 1—2 years. 1985 Suzuki GN 250, low miles, make offer, very good condition. 1976 Buick century, many new parts, make offer. Call Scott 255-5786 or 533-7675.

1979 Corvette, T-Top, black, loaded, low mileage, excellent condition; call 607-589-6341.

1976 Ford Ranger, has cap, good for hauling, good condition. \$600.00. Call Mary 5-2759 or 898-3347.

1974 Chevy Suburban, body in good shape, runs good; also 1968 Volkswagen bus, body in exc shape, tires like new. 1-659-5009 eves and weekends.

Suzuki 550E, good cond, best offer. 5-0990 days or 533-4308 eves.

John Deere 1020 tractor, 38hp, 3 pt hitch, PTO, regular gas, JD Bush-hog included, mint cond, neg. 844-4805.
Sailboat, 17 ft. trailer, exc cond, sails including JIB.

**Send all ads to Donna Updike, 240 MVR
Send in campus mail only.
No phone calls please.**

spinnaker, gear, \$2,000 OBO. 273-7726 9-5 only or 387-5715 eves.

Two tires, A78-13, Bias ply, good cond, \$10 each. 533-4531 after 5pm.

Custom made, BC-Rich copy, electric guitar with case, never used, \$400. Don Shiffler 5-3552 or 277-0371.

Washing machine, \$50; 2 outside chairs, \$20; air cond, \$50. Don, 272-0828 after 6pm or 277-2827 days.

Sofa, loveseat, chair, king sized bed, twin bed, five piece den group, all in good cond. Debra or Ines, 272-0971.

Singer "Stylist" sewing machine, Model 413, in wood table, zig-zag, other features, instruction manual, accessories included. Aliza 253-0694.

Smith Corona electric portable typewriter, automatic correction feature, memory, half-space, case, ribbons.

instruction manual, printwheels included, \$150. Aliza 253-0694.

Computer Games (Macintosh) for sale or trade. 273-8966 after 5:00 p.m.

Two overhead garage doors, 8' wide, \$50 each. Call after 5 p.m. 257-0676.

Boat 18' fiberglass tri-hull \$3900, new 5 hp rototiller \$300, exercise bike, \$40. Call 5-4335.

Metal detector, \$40.00. New 12' bowling ball, \$20.00, Ansonia Mantle Clock, needs work, \$50.00, gas grill, \$65.00, 6 gal. jug, antique, \$60.00, fruitwood china cabinet \$150.00, pine desk and chair, \$150.00. 272-0493 after 6 p.m.

exercise bike \$25, 15 cu. ft. chest freezer, \$125, bathroom sink, \$35, sewing machine, \$50. Days 255-3214, after 6 p.m. 272-6086.

Conical metal fireplace and chimney. Best offer. 272-3343.

Yamaha stereo recording keyboard—synthesizer, full-size piano keys. Built-in drum-set synthesizer, bass, guitar. Auto-accompany or manual. Peavey 200-watt amplifier with built-in reverb and four band graphic equalizer, professional microphone, mike stand, \$900. Jon at 255-2055 or 277-5206.

1981 Suzuki 550cc 8000 miles, excellent condition. Must sell! Asking \$890. Call Heidi 257-2030, x 424 days.

Bear Paw snowshoes and Huron Michigan snowshoes, one pair of each, \$25 per pair includes bindings and cross country ski poles. 844-4459.

GE 'superthrust conformatic' air conditioner. Cools 2000 sq. ft., \$100. Platform type mechanical bathoist. Lifts 2400 lbs., \$250. 533-7001 eves.

Freezer, upright 16 cu.ft. Wards. Excellent condition. \$300 or best offer. 5-7790 days, 539-7078 eves, weekends.

Fiberglass runabout, forty HP outboard and boat completely overhauled. Extras. \$1900. 1978 Granada, 4-door, 6 cyl. automatic, am—fm, air, CB, trailer hitch & wiring. Surface body rust, but runs well, \$550. Call Jon at 5-2055 or 277-5206.

25 cu.ft. chest freezer. Montgomery Ward, excellent condition, \$200. 347-4730, eves.

Computer, leading edge, dual-floppy, 1-1—2 years old. Green screen, 256k - \$700. Call Pat L. 255-2577 (8 a.m. to 4 p.m.) 535-2681 (after 5:30 p.m. or weekends).

1985 Harley-Davidson, FXST softail, low mileage, call after 6, 387-5521.

12x60 Mobile home - v.nice - 1964 with many extras. Varna, H.S.A. 86. Some private financing needed by buyer. 347-4858.

Children's English saddle, complete with bridle. Call after 4:30. 273-0940.

2 A78-13 bias ply tires. Good condition, \$10 each. 533-4531 after 5:00.

Snow Tires! Sempert 13". Excellent condition (used 7 10,000 miles). Mounted and balanced. \$70 negotiable for the pair. Must sell. Call Alex at 5-6273 or 273-6819.

Boat: Chrysler 157 HP in—out tri-hull with trailer. Excellent skiing—fishing boat. \$4200. Mark or Jerry 273-7134 eves.

1980 Mercury Bobcat, automatic, power steering, AM-FM stereo cassette, 68,000, looks good, runs good, asking \$1650. Joan 5-1450 (office) or 594-2020 after 6:00 p.m.

For rent: 1—2 beautifully restored house on campus. New kitchen: walnut woodwork, fireplace, \$700. Also 2 bedroom apartment. 257-7877, keep trying.

For rent: Roommate wanted. One male to rent bedroom in 3 bedroom house. Thurston Ave., 10 min. walk to Ag Quad. Furnished. Washer, dryer, parking, 12 mo. lease. June 1, 225 plus. 844-9473 eves.

Summer sublet - month of July. One bedroom in furnished two bedroom apt. Female. 5 min. walk to Cornell. Laundry, parking, utilities included. Negotiable. 255-3778 or 257-6193. Angela.

Moving sale: May 16 & 17, 10am-6pm, 1019 Danby Road. Furniture, clothing and housewares.

Free. Railroad ties: about 12, each 6-8 ft. long. Great for edging gardens or drives. Pick them up and they're yours free. 5-2592 or 387-6509.

Wanted

Many Cornellian yearbooks from 1930-on, will pay \$8-\$15 each, acting as clearinghouse for Cornell alumni. Pete Curtis (The Book Barn), 5-5014 or 347-4282.

Used swingset in fair to good cond, will pay reasonable price. 5-0990 days or 533-4308 eves.

For Rent

Sub-Lease, June, July and August, efficiency apt. 10 minute walk from campus, rent is neg. 844-4835.

Networking

Deadlines

May 11 for May 21
May 25 for June 4
June 8 for June 18
June 22 for July 2
August 3 for August 13
August 31 for September 10
September 14 for September 24
September 28 for October 22
October 12 for October 22
October 26 for November 5
November 9 for November 19
November 23 for December 10
December 14 for December 24

Cornell Plantations: Spring Activities

The Plantations feature an arboretum that has been carefully planned to display not only exotic trees and shrubs, but also plants native to the northeast that have outstanding horticultural characteristics. Its botanical collections boast a nationally famous herb garden, as well as gardens for rhododendrons, cut flowers, peonies, wildflowers, poisonous plants, alpines, heritage and agricultural crops.

Magnificent gorges with impressive waterfalls, a lake, ponds, streams, swamps and woodlands are also part of Plantations' 2,800 acres of diverse geology and habitats. There are drives, walks, and trails to explore, plus events and activities throughout the vacations season. Grounds are open from sunrise to sunset daily and there is no admission charge. Picnicking is permitted in certain areas.

A Garden Gift Shop at the headquarters building has various free brochures available about the different gardens, as well as gardening books, and unusual mementos related to plants and flowers. The shop is open from 8:00am to 4:00pm Monday through Thursday, Fridays 8:00am to 3:00pm and from noon to 4:00pm on weekends in the summer.

Cornell Plantations Calendar of Events 1987

A Wildflower Mothers' Day
Sunday, May 10, 1:00 to 4:00pm
Author signing of a new release from Plantations, "Green Dragons and Doll's-eyes"

Guided wildflower walks
Free plant for the first 50 mothers
Free
Herb Days

Saturday, July 25, and Sunday, July 26, 10:00am to 4:00pm
Herb garden tours
Herb talks and demonstrations
Herbal food for sampling
Herb plants and products for sale
Donation \$2, Members \$1
Kids Day: Plant Detecting
Saturday, August 22, 1:00 to 4:00pm
Fun ways to explore plants' many uses
Demonstrations
Hands-on activities
Donation \$2 per child
Members \$1 per child
Children must be accompanied by a parent

Mushroom Festival
September 19, 1:00 to 5:00pm
Introductory slide shows
Mushroom talks
Bring mushrooms for identification
Donation \$2, Members \$1
For more information call 255-3020.

New Immigration Law Will Affect Cornell Hiring Procedures

A new law was recently passed which will affect all employees hired since November 6, 1986. The new legislation will also add one additional step to Cornell's hiring procedure and affect the responsibilities of all Cornell hiring supervisors.

If you were hired after November 6, 1986 or if you are a hiring supervisor, you will soon be receiving additional information about the Immigration Reform and Control Act of 1986, also called the Simpson-Rodino Act.

This new law requires employers to examine documentation of identity and employment eligibility of all new hires, re-hires, and those hired since November

Affected are academic, nonacademic, and student employees including U.S. citizens, permanent residents, and nonimmigrant visa holders.

6, 1986. Affected are academic, nonacademic and student employees including U.S. citizens, permanent residents and nonimmigrant visa holders.

As soon as final regulations are received, hiring supervisors will be instructed to review appropriate documentation. Examples include a social security card or birth certificate, accompanied by a current driver's

license; U.S. passport; alien registration card or a valid certificate of U.S. citizenship or naturalization.

After appropriate documentation has been reviewed, the hiring supervisor and employee must sign an authorized form, called Form I-9, verifying identity and employment eligibility.

A task force with representatives from various departments and colleges on and off campus has been working to develop policies and procedures outlining the steps that must be taken to comply with the new legislation which is effective June 1, 1987.

As soon as the final regulations are received, the appropriate policies and procedures will be forwarded to all Personnel Manual holders, PSG representatives, payroll representatives, CSG representatives, academic deans, directors and department heads. Workshops will be conducted to further explain the regulations and responsibilities to hiring supervisors.

If you have any questions relating to this matter, please call the following individuals:

Nonacademic - Marge Swiercz, 5-6895
Academic - Susan Hoy, 5-7595
Students - Dennis Chavez, 5-5145

Leadership Leads A Dealer in Hope

by George Peter

At a leadership seminar held at Aurora recently Helen Johnson, director of Career Planning at Wells College, delivered the welcoming address. She reviewed the growth in leadership concepts: According to Johnson an early concept was that leaders are born; hence there is no need to provide development training programs—just select the born leaders.

Later it became clear that this was a false assumption. Among other things, leaders need to develop interpersonal relationship skills, and even more importantly, to develop an awareness of the values and expectations of the people to be led.

In the mid '70s American institutions

began to realize that the Japanese style of leadership had made our old styles obsolete. Leaders in education, government and the private sector all must learn to be results oriented in order to compete. Ms. Johnson quoted the Noah Principle—"its okay to be able to predict rain, but you need to know how to build arks also."

She enumerated some of the more important elements of leadership: Have communication skills, focus on goals, use resources, learn to share power and be an innovator. She quoted Napoleon, 'A leader is a dealer in hope.' A final quote was from an ancient philosopher who said, 'The best leader is one who helps people so they don't need the leader anymore.'

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