

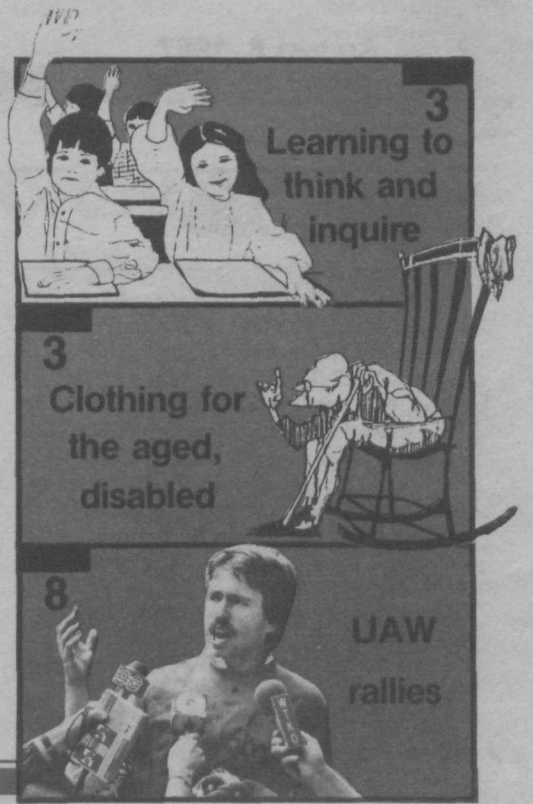
Cornell CHRONICLE

REC'D MMN

AUG 6 1987

Cornell University Libraries

Volume 18 Number 40 August 6, 1987



Yeh to assist vice provost for academic affairs

David S. Yeh will become Cornell's first assistant vice provost for academic programs on Sept. 1, Vice Provost for Academic Affairs Larry Palmer has announced.

Yeh, 40, who now is associate director of the Office of Human Resources, has been with Cornell since 1983, first as manager for compensation, operations and records. He was born in Shanghai.

Palmer said the position was created because "we want to bring some professional administration into this office to assist with the student academic services and the financial and managerial aspects of all the work of this office."

He went on to cite Yeh's "incredibly good administrative experience and skills as well as his unusual background." Yeh has been a social worker, family therapist, psychotherapist and U.S. park ranger. Before coming to Cornell, he was a clinical social worker, staff consultant, family therapist and human resource specialist at the Memorial Sloan-Kettering Cancer Center in New York City.

"I'm very pleased to be offered the opportunity of working with Larry in this new role, particularly in coordinating student support services and general manage-



David S. Yeh

Claude Levett

rial support for undergraduate programs," Yeh said.

Palmer noted that Yeh has been instrumental in the development of office automation systems in his department. He also is the Personnel Committee adviser to the Women's Community Board in Ithaca and a member of the university's Advisory Committee on the Status of Minorities.

Yeh received a B.S. degree in 1969 from the School of Business Administration of the University of Illinois at Chicago and an M.S. degree in social work from New York University in 1978.

— Barry Gross

Farm legislation could harm half of N.Y.'s dairy farms

Federal legislation nicknamed "The Family Farm Bill" by its proponents could be expected to harm slightly more New York State dairy farmers than it would help, according to three Cornell agricultural economists.

Their study indicates that the legislation would reduce the net income of slightly over half of New York State's dairy farmers, while raising the net income of others. The changes in net income could range from declines of 211 percent for small farms that have to purchase most of their feed to increases of more than 400 percent for large farms that can grow most of theirs.

Although the study is based on dairy farms in New York, "These farms are thought to emulate most of the dairy-farm characteristics of the Northeast," said Harry M. Kaiser, an assistant professor of agricultural economics. "They are small farms, and have limited alternatives to dairy farming."

He also noted that, were the proposed legislation to be enacted, the price of milk would be expected to rise "significantly — perhaps as much as 35 cents a gallon, or 17 percent, and retail prices would rise by 13 percent for cheese, 20 percent for butter and 10 percent for ice cream."

The bill, introduced by Sen. Thomas Harkin (D-Iowa) and Rep. Richard

Gephardt (D-Mo.), is being considered by the House and Senate Agriculture committees. The Cornell analysis of the legislation was prepared by Kaiser, graduate student Edward H. Heslop and Associate Professor Robert A. Milligan.

One indication of the magnitude of the problems that generated the legislation under consideration is the activity on the NY FarmNet hotline at Cornell: About 10 to 12 farmers a week are calling the toll-free telephone number for financial, legal and emotional help, according to John R. Brake, FarmNet's director and a professor of agricultural economics at Cornell.

The Harkin-Gephardt bill would set mandatory production limits on dairy and other major agricultural commodities for every farm in the nation, and would increase the government's price supports for those products in an attempt to raise farmers' income and help family farms survive.

But in most cases, "New York farmers would lose money because they would have to produce less milk and pay higher prices for grain to feed their cattle," Kaiser said. "About 57 percent of all dairy farms in the Northeast would be in that situation."

Basically, the only farms that would

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Claude Levett

A BRASS SUNSET: Members of the Cayuga Brass Quintet, from left, Frank Campos, Heidi Farbstein, David Unland, Alex Aiken and Jennifer Widom, perform classics to ragtime before an audience on the Arts Quad July 28.

Japanese music students perform to Husa's baton

The role of guest conductor has been a frequent one for Karel Husa, but not until this summer had he been welcomed to a rehearsal by 300 music students lining both sides of the street and bowing as his car pulled up.

The location was Tokyo, where Husa, Cornell professor emeritus of music, was to lead the orchestra of the Kunitachi College of Music in a concert of four of his compositions.

Husa raised his baton and soon found that "the first rehearsal was as good as a concert," he recounted. "I couldn't believe it. It was just amazing, the way they prepared everything." The orchestra had been drilled before his arrival by its regular conductor, Yukio Ohashi.

And, Husa added, "These were some of the best performances of 'Apotheosis of This Earth' and the 'Concerto for Wind Ensemble' I ever had. They compared with the best here, like Julliard and Eastman. The emotion was also there."

The Japanese musicians "work from morning till night, always practicing," Husa found. "They are incredibly conscientious and ambitious. They are not satisfied merely to be good, but they strive to be the best they can. And at the post-concert party, it was just as amazing how much they were able to enjoy themselves."

Japanese orchestras play a great deal of modern music, Husa learned. American composers are frequent visitors. "I think they have no problem understanding new music. In common with oriental music, I

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Notable

Barbara A. Baird, assistant professor of chemistry, has won the 1987 Harold Lamport Award for Young Investigators in Biophysics. A \$500 cash prize goes with the award, which will be presented by the New York Academy of Sciences, an international organization, during its annual meeting in New York City on Dec. 7. Baird's research concerns the transmission of signals across cell membranes in immunological responses. She joined the Cornell faculty in 1980.

Donald J. Barr, associate professor of human service studies in the College of Human Ecology, and Carl Feurr, associate professor at SUNY Cortland, have been awarded a \$2,500 grant from the New York African American Institute to study public policy and migrant farmworkers in New York State.

The institute is funding 16 research proposals in the second of a series of summer research grants aimed at promoting scholarly analysis of issues pertaining to African American life and history of New York State. The summer research program was established in 1986 by the State University of New York as a SUNY system-wide resource for conducting policy and historical research on black New Yorkers.

Thomas R. Dyckman, associate dean for academic affairs in the Johnson Graduate School of Management, will receive the American Accounting Association's 1987 award for Outstanding Accounting Educator on Aug. 19 during the association's annual meeting in Cincinnati.

Dyckman was the association's director of research from 1976 to 1978 and its president from 1981 to 1982. He joined the Cornell faculty in 1964 and serves as the Ann Whitney Olin Professor of Accounting.

Corrections

The Cornell Chronicle of July 23 incorrectly credited staff photographer Claude Levett for a picture he did not take. The front page photograph of Dean Thomas Meikle of the Cornell Medical College was taken by Morris Warman. The Chronicle regrets the error.

The Chronicle of July 23 contained another error involving a photograph on the front page. The computer graphic scene inspired by Vermeer's "Lady and Gentleman at the Virginal" was flopped left to right: The table and chair in the picture should have been on the right and the windows of the room on the left. The Chronicle regrets this error, too.

Next Chronicle, Aug. 27

The Cornell Chronicle will not be published next week, nor the following week. The next issue of the paper will appear Aug. 27, when we will resume our regular weekly schedule.

David M. Galton, associate professor of dairy management in the College of Agriculture and Life Sciences, received the 1987 Purina Mills Teaching Award in recognition of his "outstanding teaching of undergraduate students in dairy science" at the annual meeting of the American Dairy Science Association in June.

He was honored for an undergraduate dairy management program that is "exceptional in quality and scope," the citation said. It added that the program is "unique and innovative in its interdisciplinary approach to teaching of dairy farm management and its balance of basic and applied aspects of the subject."

In 1984, Galton initiated the Dairy Management Fellows Program designed for senior students with interest in the integration of dairy farming and related industries. He has taught courses ranging from introductory dairy production to advanced dairy management.

Yong H. Kim, a science writer with the Cornell News Service, has won an award for excellence in newswriting from the Agricultural Communicators in Education, a national organization of writers, editors and other professional communicators associated with the nation's land-grant colleges and universities, the U.S. Department of Agriculture and similar institutions in Canada.

Kim was cited for a set of five articles on research in bovine and porcine growth hormones, pesticide use, poultry behavior and new ways to plant city trees.

W. Gifford Hoag, who served as the judge, said, "These releases based on research underway and the results of research completed deal with interesting and highly important subjects of interest to the general public. This is demonstrated by the fact that several were covered by AP and UPI as well as large metropolitan papers across the country from the New York Times to the Portland Oregonian."

This is the ninth year in a row that Kim has won a writing award from ACE, which, in 1985, honored him with its top writing award — the Professional Skill Award. Kim specializes in agriculture and the life sciences.

Gerald W. Olson, associate professor of agronomy, has been elected a Fellow of the Soil Conservation Society of America. The honor, which recognizes Olson's contributions in soil science and international land-use planning, was conferred Aug. 5 during the society's 42nd annual meeting in Billings, Mont.

An authority on soil surveys and interpretations, Olson joined the faculty of the College of Agriculture and Life Sciences in 1962. He is the author of two books, "Soil and the Environment: A Guide to Soil Surveys and Their Applications" (1981) and "Field Guide to Soil and the Environment: Applications of Soil Surveys" (1984).

Roy Pollock, assistant professor in the College of Veterinary Medicine, has been awarded a 1987 W.K. Kellogg Foundation Fellowship worth up to \$50,000 over a three-year period for part-time study outside

the recipient's immediate area of expertise. Under the Kellogg program, Pollock, who is a specialist in computer-aided diagnosis, will study philosophy, particularly ethical issues related to the use of animals in research.

Nearly 350 people have taken part in the program, which was established in 1980 to expand "the nation's bank of capable leaders." Pollock, who is 37, was one of 45 selected for the program this year from 776 applicants. Currently director of the college's Center for the Study of Medical Informatics, Pollock joined the veterinary faculty in 1981.

Shirley R. Samuels, assistant professor of English, has been awarded a fellowship for research on the family and politics in the early American novel. She is one of 36 persons chosen from 280 applicants nationwide to receive the six-month awards for research in the humanities and related social sciences.

Directed at recent recipients of doctoral degrees, the fellowships were awarded by the American Council of Learned Societies with support from the Carnegie Corporation and the National Endowment for the Humanities. Samuels will be on leave from her teaching duties at Cornell during the spring of 1988 to conduct research under the fellowship while remaining in the Ithaca area. A specialist in American literature, she joined the Cornell faculty in 1986.

Roger T. Trancik's recent book on restoring traditional design values to open spaces in cities has received a National Merit Award from the American Society of Landscape Architects.

The book, "Finding Lost Space: Theories of Urban Design," was published last fall by Van Nostrand Reinhold Co. of New York City.

Trancik, 44, an associate professor of landscape architecture and city and regional planning in the College of Agriculture and Life Sciences, will receive the award at the annual meeting of the society in Baltimore in November.

The urban designer's concerns include vacant land along downtown waterfronts unstructured leftover areas at the base of high-rise buildings, sunken-plazas away from the flow of pedestrian activities, surface parking lots and the no man's lands at the edges of highways that nobody cares about maintaining or using.

Daniel H. Usner, assistant professor of history, will be on leave during the 1987-88 academic year to conduct research under a fellowship from the American Council of Learned Societies. He will study society and politics among American Indians of the Gulf Coast area during the period of 1783 to 1825.

Usner is one of 67 scholars chosen from 840 applicants nationwide to receive a post-doctoral fellowship under a special program in the humanities and related social sciences funded by the Andrew W. Mellon, Ford and Pew foundations and by the National Endowment for the Humanities.

Briefs

Statutory and endowed payroll offices will be merged: Some time this fall, the currently separate payroll operations for the endowed and statutory units will be merged and located in the basement of Day Hall in space previously occupied by part of Cornell Computer Services.

The decision to merge the two payroll offices results from the university's review of administrative support operations with the objective of improving service, increasing coordination among administrative units, and improving operating efficiency.

The new office will provide accessibility for all employees in a single location and reduce confusion as to which office is responsible for any payroll matters. Although both offices currently utilize a common software system and database, differences have developed over the years of separate operations. These differences are in both the forms used and the procedures for processing data into and reporting information from the system. The combining of the offices will minimize these variations by utilizing standard formats and procedures.

It is expected there will be other opportunities to eliminate payroll differences between the two segments of the campus, wherever possible. Changes in payroll procedures resulting from the relocation and consolidation of the offices will be announced prior to the move.

Glenn Beardsley, payroll manager for the Statutory Payroll Office, will be director of the Cornell University Payroll Office with Ken Ceuter, manager of the Endowed Payroll Office, as the assistant director of the combined operation.

Baughan has contract extended: Maxie Baughan, who coached the varsity football team to an 8-2 record and a second-place Ivy League finish in 1986, has extended his contract another three years. Baughan had one year left on his present five-year contract and the university negotiated with him to extend the deal for three years, according to Laing Kennedy.

Baughan came to Cornell in January 1983 as Cornell's 20th head football coach after a successful career in the National Football League.

"Our players are involved in football because they love the game. They don't have obligations in football to anyone but themselves. That is rewarding and refreshing to me, and it's one of the big reasons I'm here at Cornell," said Baughan.

The 1986 team was first in the Ivy League and the ECAC Division I-AA and second in the country in fewest points allowed per game. Nine Cornell players received first-team All-Ivy recognition, the most from one school in the history of the league.

Fraternities removed from probation: Chi Psi and Phi Kappa Psi fraternities have been removed from probation. Chi Psi was placed on two years' probation in May, 1985, for hazing of pledges. Phi Kappa Psi was placed on one year's probation in May, 1986, for violation of pledging policies and poor relation with nearby fraternities and sororities.

During probation, Chi Psi members each completed 20 hours of community service in programs including NCAA and Ithaca Youth Bureau big-brother programs, spinal cord foundation fundraisers and activities with local nursing homes.

Phi Kappa Psi member sponsored a newspaper drive, assisted with a blood mobile and a fire safety program for small children.

Fewer CU telephone directories to be distributed: Extra copies of the 1987-88 staff and student telephone directories will be available in the Campus Store for \$2 each this year.

In an economy move, the Department of Telecommunications will cut distribution of free copies to one for each installed telephone on campus with only a few extra free copies provided to most departments, according to Patricia A. Paul, director of telecommunications. Scheduled to be available in late October, the new directories will be distributed through each department's telecom coordinator.

Free copies of New York Telephone's NYNEX directory will be distributed in the same manner when they are available in early November. Additional copies will be available through the Department of Telecommunications with prices based on order size.

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Obituaries

Felix Reichmann

Felix Reichmann, who played a key role in developing Cornell libraries into one of the nation's leading research resources following World War II, died July 24 at Oak Hill Manor nursing home here. He was 87.

Reichmann, internationally recognized as "a complete bookman" during his three-decade career in this country, was born in Vienna, where he owned a bookshop from 1924 to 1938. He came to the United States in 1939 and was curator and librarian of Landis Valley Museum at Lancaster, Pa., until 1942 when he became librarian of the Carl Schurz Foundation in Philadelphia.

He also worked with the Office of Strategic Services, precursor to the CIA, during World War II and later in the Library of Congress before coming to Cornell in 1947 as head of the libraries' acquisitions department.

In addition to his acumen in acquiring a number of collections for Cornell, including the Hull Collection of early Americana of both Latin and North America, Reichmann guided the monumental task of changing the libraries' homemade classification system to the Library Congress system.

He was also a professor of bibliography at Cornell and wrote several books and articles on history, history of art, and on books and the book trade. He earned a

doctorate in history and history of art at the University of Vienna in 1923 and a master's degree in library science from the University of Chicago in 1942.

Survivors include his wife of 54 years, Lilly Doerfler Reichmann of Ithaca, and a daughter, Ingrid Matheson of New York City.

Memorial contributions may be made to the Felix Reichmann Book Fund, Cornell University Libraries.

Kenneth F. Seremet

Kenneth F. Seremet, associate university counsel, died July 23 at Tompkins Community Hospital after a long illness. He was 35.

A specialist in the growing field of higher education's relations with the corporate world, Seremet joined the university counsel's staff as an assistant counsel in 1977 and was promoted to associate in 1984.

He was born in Utica, received his undergraduate degree from Hamilton College in 1974, a law degree at the Cornell Law School in 1977 and an M.B.A. degree from Cornell's Johnson Graduate School of Management in 1984.

Survivors include his wife, Maryse DeMay Seremet of Ithaca, and a sister, Charlotte Seremet of Fayetteville.

Memorial donations may be made to the Leukemia Association.

Cornell CHRONICLE

EDITOR:
Carole Stone

CIRCULATION MANAGER:
Joanne Hanavan

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 continuation of such equality of opportunity.

Soviets pose no threat in Nicaragua, Kenworthy says

Middle-level experts in the Reagan administration know that there is no serious Soviet threat to the United States in Central America, but the president and his top advisers are trying to stampede Congress and the public into supporting the overthrow of the Nicaraguan government, according to an expert on Latin American affairs.

"The administration hides the possibility that fears about a Soviet or Cuban military presence could be satisfied by negotiations," said Eldon G. Kenworthy, associate professor of government. "The real motive is that we're not about to tolerate any government in Central America of which we do not approve, and we do not approve of Marxism."

"We don't like to think of ourselves as meddling in the internal politics of small countries, so the underlying motive is something we can't talk about, and if we did, it wouldn't get public support," added Kenworthy, the author of a chapter in a new book titled, "Reagan Versus the Sandinistas."

The United States and Nicaragua should sign an agreement that recognizes the legitimacy of the Sandinista government and prohibits Nicaragua from accepting foreign military bases or attempting to export its revolution, Kenworthy suggested.

"Any serious Soviet asset that was put into Nicaragua could be knocked out by

our military in the first 15 minutes of a confrontation," Kenworthy said. "We could tolerate the Sandinistas and still prevent them from carrying out a foreign policy that we find unacceptable."

In his book chapter, "Selling the Policy," Kenworthy accuses the Reagan administration of corrupting public debate on U.S. policy in Central America by painting Nicaragua as a Soviet satellite, even though the Soviets have not signed a military treaty with the Sandinista government and are reluctant to become deeply involved in Central America.

"Cuba has given them [the Soviets] the things they need," Kenworthy said. "Russia's reaction to Nicaragua is a little bit like the United States' to Poland; that is, we like to stir up trouble in the other superpower's

"The administration hides the possibility that fears about a Soviet or Cuban military presence [in Nicaragua] could be satisfied by negotiations."

— Eldon G. Kenworthy

backyard, but there's a real reluctance to do anything that would be a serious commitment."

But by shouting "the Russians are coming!" and erroneously linking Nicaragua to drug trafficking, an illegal flow of Hispanic immigrants into the United States and to state terrorism, Reagan still hopes to mobilize public support for overthrowing the Sandinistas by linking Nicaragua to "anything that might make an American fear that his family is going to be threatened," Kenworthy said.

"The rhetoric has little to do with reality," he added. "I don't think the people who wrote our Constitution wanted our foreign policy debate to be conducted in this fashion."

Reagan's military focus on Nicaragua ignores actual and serious financial and ecological problems in Latin America that have repercussions in the United States, he said. Huge burdens of debt keep those countries from buying U.S. products, costing American jobs.

"We need to overcome the idea that the Western Hemisphere is one big family, that we are the parents and they are the children. We need to see Latin America as we see Western Europe and recognize that these countries have their own histories, biases, languages and rhetoric," said Kenworthy, who is helping prepare New York State high school teachers for a newly mandated social studies unit on Latin America.

While Reagan's anti-Sandinista policy "fails the tests of coherence and objectivity,"

it has garnered some public support because of "the superficiality with which Congress and the media approached Central America, the refusal of most Democrats to challenge

"If what we really want to do is get rid of Marxism, regardless of whether it's connected to the Soviet Union, we are going to have to do it by military means. The Sandinistas simply are not going to vacate the presidential chair."

— Eldon G. Kenworthy

traditional assumptions regarding 'communism' in 'our backyard,' and the episodic, thin involvement of the public," Kenworthy writes in his book chapter.

The policy has failed to gain widespread support, however, because of fears that any involvement in Nicaragua eventually will cost American lives, he added.

"If what we really want to do is get rid of Marxism, regardless of whether it's connected to the Soviet Union, we are going to have to do it by military means," Kenworthy said. "The Sandinistas simply are not going to vacate the presidential chair."

— Mark Eyerly



Doug Hicks

Fifth-year architecture student Melanie Commins of West Nyack, N.Y., works on a watercolor sketch as part of a six-week course offered through Cornell Summer Session.

Teachers should be guides, not informants, educators say

Are the bubbles in a pan of boiling water made of air?

When a bowling ball strikes a pin, which one exerts the greater force at impact?

Is the answer in a multiplication problem always greater than the factors multiplied?

The answers are: no; the forces are equal; and no. If you answered incorrectly — or answered correctly but are not sure why — you are not alone.

Elementary, secondary and college students, including some students preparing to be science and mathematics instructors and some who already are teaching, hold pervasive and pernicious misconceptions about science and math, according to reports by educators at a three-day conference here last week.

"If you want to collect errors in school, we can do that quite easily," Cornell Assistant Professor of Education Jere Confrey told the 400 educators from two dozen nations who attended the conference. But the conference's presentations showed that researchers must put less emphasis on collecting errors and more emphasis on understanding the sources of the errors and finding ways to correct them, Confrey added.

The conference, titled "Misconceptions and Educational Strategies in Science and Mathematics," was organized by Joseph D. Novak, program coordinator for science and mathematics education at Cornell.

The three days of discussions revolved around the need to transform education from a view that pupils are passive receivers who simply absorb objective facts presented by teachers to a view of students as active

and responsible learners who must negotiate with teachers and make observations to reach their own understanding of how the world works.

A sampling of the presentations and discussions found educators making the following points:

- Science and math instruction focus too much on procedures and too little on concepts. Many students believe that they cannot divide a number by a fraction because the procedure for finding the answer to such a problem is to invert the fraction and then multiply.

- Teachers fail to distinguish between reality that is discovered, such as the energy of the sun, and reality that is constructed, such as lasers. As a result, students lack inquisitiveness and an appreciation of science and mathematics as ever-changing and man-influenced collections of information.

- Educational research often is ignored by teachers in the classroom, who base their instruction on experience and personal feelings about what is and is not effective.

- Researchers must be more sensitive to the experiences of classroom teachers, however. Just as teachers should listen to students' ideas and help students refine those that are incorrect, researchers must encourage teachers to express the reasons behind their teaching methods and explore which of those need to be revised or abandoned. A wide view of the educational process is one that portrays everyone as a student, teacher and researcher simultaneously.

— Mark Eyerly

It seems there's a need for clothes for the aged, disabled

Specially designed clothes are as necessary as wheelchair lifts on buses and cut-away curbs on street corners to give disabled and elderly persons greater mobility and independence, according to a Cornell clothing specialist.

"How would you put on a skirt if you could not stand?" asked Gret Atkin. "How would you spend your days if dressing were so painful or exhausting that it was not worth the effort? What would life be like if you could not dress yourself?"

"Many clothing changes that would be invaluable to older people and those with disabilities, physically and psychologically, would be useful to the entire population," she added. "Think of all the parents whose lives are easier because their kids' sneakers have Velcro instead of shoelaces."

"But until such adapted designs are seen by the public as fashionable and by manufacturers as profitable, people with special

needs will have to continue searching for solutions from obscure sources."

Older people prefer Velcro

As the number of older people becomes a larger segment of the general population, clothing manufacturers will find a growing market for shirts with Velcro fasteners hidden under buttons and wrap-around dresses that fasten in the front, said Atkin, a Cooperative Extension associate in the university's Department of Textiles and Apparel.

More than 60 garments created or modified for people experiencing problems associated with injury, degenerative disease, incontinence or just the general changes of old age — including about 30 items designed by Atkin or Cornell students — are featured in Cornell Cooperative Extension's program, "Clothing for People with Special Needs."

A 20-minute videotape and a 60-page

packet that lists sources of special garments and shows how to adapt standard clothing for those confined to wheelchairs or those with arthritis, among other needs, are being used in presentations to health-care professionals, teachers, nursing-home staff, family members and others across New York State.

It has been estimated that one-fourth of the U.S. population will experience a temporary disability, such as a broken leg or a permanent disability, such as a spinal cord injury, Atkin said.

While some specially designed garments and clothing patterns can be obtained from about two dozen firms, many health-care professionals and people with special clothing needs are not aware of their availability, said Atkin, who is visiting rehabilitation centers around the country to learn more about the clothing needs of the people with disabilities.

"People with disabilities may be so accustomed to barriers that they do not consider what might be done to make dressing easier and movement less restricted," she explained. "It's a matter of looking at garments in a new way."

"Also, people who are disabled have a great deal of visual attention drawn to them, which must not be compounded by high-visibility clothing. Standard appearance is an essential component of these specially designed clothes."

Clothes for those in wheelchairs

For example, pants and dresses that are shaped to fit a sitting person are more comfortable than standard pants and dresses for people restricted to wheelchairs. But, they are not noticeably different when the wearer is sitting down. Other items have no material in the back, eliminating the discomfort

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Doug Hicks

WAY DOWN SOUTH ON THE ARTS QUAD: Peggy Haine and the Lowdown Alligator Jazz Band, featuring Brian Earle on the soprano sax, during Cornell Summer Session's Fourth Annual Festival of Traditional Jazz July 26.

Grief is common in battered women leaving relationships

Women who are abused by their husbands or lovers must learn to accept and mourn the death of that abusive relationship just as if a loved one had died, according to a Cornell psychotherapist.

Yet most counseling agencies, which provide day care, housing, medical and financial assistance to battered women, do little or nothing to help them grieve the loss of a relationship that began in loving commitment and continued to offer moments of caring, said Constance H. Shapiro of the Department of Human Service Studies in the College of Human Ecology.

The result: "Many women still are unable to begin lives apart from their abusive partners," said Shapiro, an associate professor of human service studies and a social worker in private practice. Seventy percent of the women who leave their battering husbands return to them, and more than half of those who return leave again, she said.

"Most people think that a woman leaving a battering relationship should feel relief and freedom, rather than sadness," Shapiro said. "Grief is usually the most suppressed emotion, in part because it is the most painful."

"In order for a woman to leave her partner permanently, she must overcome not only personal fears, the loss of status that marriage holds, and ambivalent feelings about her partner, but also the deeply ingrained attitudes that relationships should be held together at almost any cost," she added. "Society does not perceive that leaving an abusive situation involves losses."

Applying the stages of mourning identi-

fied by Elisabeth Kubler-Ross to abusive relationships, Shapiro and Susan F. Turner, a social worker in Waco, Tex., suggested that battered women commonly experience denial of the abuse and its seriousness, anger at the abuse and bargaining to try to stop the abuse. Less common are feelings of grief and acceptance, they said.

Too often, women accept abuse as something they deserve, rather than recognizing the abuse as unjustifiable in any situation and as a sign to leave the relationship. On the other hand, counselors must be careful

Seventy percent of the women who leave their battering husbands return to them, and more than half of those who return leave again.

— Constance H. Shapiro

not to "make the woman feel that she is doing the 'wrong' thing if she returns to her battering partner," Shapiro said. But they should help her recognize that she has powerful emotional ties to her partner, even though he is abusive. A battered woman may expect to feel profound sadness and loss at leaving her partner.

Many social workers who help battered women may lack sufficient training to help abused women through the mourning process, Shapiro suggested. They have been trained to provide specific services, but not to initiate and respond to discussions that reveal devastating emotional pain, she said.

— Mark Eyerly

Conference to examine Iroquois law and the United States Constitution

Concepts of the Iroquois Indian Nation believed to be incorporated into the U.S. Constitution will be the subject of a conference sponsored by the university's American Indian Program Sept. 11 and 12.

The plan is to bring together historians and intellectuals with traditional chiefs and speakers of the Iroquois to achieve a better understanding of the worldview of the Iroquois Confederacy and American Indian influences on the political origins of the United States, said Charlotte Heth, director of the program.

"Current research suggests that the U.S. Constitution was based more on the orally transmitted Great Law of Peace that has guided the Iroquois Confederacy through centuries than on the Greek system of democracy," said Ron LaFrance, associate

director of the program.

"The political network among northeastern Indian nations and the English colonies operated for more than a century, during which time colonial administrators adopted the protocol of Iroquois diplomacy," states an introduction to the conference. "The example of intertribal confederation in the Iroquois League influenced the thinking of Benjamin Franklin and other leaders of the American independence movement."

The conference is titled "The Iroquois Great Law and the United States Constitution." It is being held in conjunction with the 200th anniversary of the U.S. Constitution and was designated this spring as "a Bicentennial program, officially recognized by the New York State Bicentennial Commission," according to LaFrance.

Farm bill *Continued from page 1*

benefit from the bill are those that can grow most of the feed for their own cattle, generally larger farms, according to the report. In New York, more than half of the state's 25,000 family farms could be expected to make a smaller profit under the Harkin-Gephardt proposal than they do under current policy, the economists said.

For example, using 1986 figures, the researchers report that dairy farmers would have to cut their production by an average 14.6 percent under the bill, while the federal government's dairy support would increase 29 percent to \$15 per hundredweight of dairy product. But forage costs for farmers who have to buy their cattle feed would increase from 35 percent to 55 percent of their operating expenses.

The result: Net income for small dairy farmers who buy all of their cattle feed could drop 211 percent, and large dairy

farms that buy feed could see an 84 percent drop in profit.

Farmers who grow their own cattle feed, however, would be "consistently better off under the new plan," the study says. They could see an increase of more than 400 percent in net income, based on the 1986 figures.

Farmers who grow some of their own forage and buy the rest could expect higher income under the bill, according to the three economists.

The size of change in net income would depend on whether farmers reduced their production by cutting their herd size or lowering their output per cow. But the same farms would tend to be gainers or losers in either situation, Kaiser and his colleagues said.

— Mark Eyerly

FarmNet crisis phone ringing less often this summer

The telephone on the farm crisis hotline is ringing less frequently this summer than last, and Cornell specialists want to know if that's good news or bad.

During the 16 months after the free information, referral and counseling service started last year, 1,417 telephone calls were received requesting help on problems affecting New York State farmers. But the number of calls received weekly has been declining since winter.

"Have farm conditions improved so much, or are farmers too busy to call or have we failed to advertise the program adequately?" were questions posed during an interview by John R. Brake, the W.I. Myers Professor of Agricultural Finance.

During spring and summer last year, the service received an average of 30 to 35 calls each week, Brake said. The number of calls declined during autumn and the year-end holidays to about 20 a week and then climbed to about 30 a week early this year.

But this summer they have averaged only 10 to 12 calls a week, including one recent week when the phone rang only four times.

In an effort to find out why, brochures explaining how FarmNet operates and listing the number to dial (1-800-547-FARM) are being mailed to about 22,000 farmers whose farms earn a gross income of more than \$10,000 annually.

"If we find little interest after the mailing, then we may have to consider whether the need for this crisis service still exists," Brake said.

The hotline service was introduced last year in literature distributed through county agents and by newspaper and television publicity. No direct mailing to farmers was attempted.

The decline in calls may disguise another problem: The people who answer the farm crisis hotline have learned that farmers sometimes put off picking up the telephone until it is too late.

"The average farmer with serious financial problems spent 14 to 15 months thinking about whether to quit the farm before he did."

— John R. Brake

"A study carried out by one of my students showed that the average farmer with serious financial problems spent 14 to 15 months thinking about whether to quit the farm before he did," Brake said.

"Farmers sometimes telephone us when it's too late, after their net worth has declined to a dangerous level," he continued. "Typically, farmers don't want to face the quit decision. It's a stressful decision with a big unknown beyond. But as soon as a farmer knows he's going backwards, he should move to protect whatever equity he has."

Brake said that one county extension

agent reported that 40 farms went out of business in his county last year "and many more are stretched to the financial breaking point."

Operators receiving calls at Cornell heard poignant messages:

- We're behind paying our bills, can't get any more credit and one of the kids is sick.
- We've only had potatoes for the kids to eat the past week.
- The power company shut off our electricity, we can't milk the cows and we're out of food.
- My lender is going to take away my farm. What can I do?

A couple of farm callers were so despondent that they said they were planning suicide.

Four operators at Cornell, one on duty at a time, receive incoming calls from noon to 9 p.m. Mondays through Fridays. Calls placed at other times are received by an answering service trained to handle emergencies immediately.

"A human being always answers our phone," Brake said. "We do not want callers having to talk to answering machines."

The Cornell operator takes down information from each call and either refers the caller to a source of help or assigns the problem to an expert near the caller's farm. The service maintains a network of people in every county to respond to business or financial problems by visiting the farm,

talking with the family and preparing recommendations.

These experts include Cornell Cooperative Extension personnel or special farm financial counselors — typically, former extension agents, agricultural teachers, farm credit people and retired farmers. When appropriate, callers are referred to clergymen or attorneys.

Most calls are passed to existing county agencies. Financial problems often go to experts who are retained by Cornell at a fee of \$15 per hour. The state assembly allocated \$180,000 to support FarmNet during its first fiscal year, and state funding is continuing in this its second year.

FarmNet experts spend an average of 20 to 25 hours on each farm financial problem, according to work reports.

Statistics compiled by the service show that about 50 percent of the calls deal with financial problems, 20 percent legal problems, 15 percent job training or job opportunities, 10 percent personal and 5 percent miscellaneous.

"For legal questions, we have a qualified bankruptcy attorney who can give advice in such matters," Brake said. "On the employment side, farmers who liquidate are classified as displaced workers who qualify for job training. In some instances, the federal government will pay half of a new employee's salary during the first six months to encourage an employer to give the new worker a chance."

— Albert E. Kaff

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.

DANCE

Cornell Folkdancers

The Cornell Folkdancers will meet on Aug. 9 in the North Room of Willard Straight Hall and on Aug. 16 in the Martha Van Rensselaer auditorium, from 7 - 9:30 p.m. Call 257-3156 for more information.

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.

Thomas Hart Benton: A selection of lithographs and books illustrated by the American Regionalist Thomas Hart Benton will be on view through Sept. 13. In conjunction with the exhibition, the museum will feature **Romancing the Stone: The Revival of Lithography in America**, consisting of works by George Bellows, John Stewart Curry, Grant Wood, Yasuo Kuniyoshi, Charles Sheller, and Bolton Brown.

Harry McCue: Journeys: Drawings inspired by the artist's journeys through the landscape in which he has lived or visited will be displayed through Aug. 30. McCue is chairman of the Department of Art at Ithaca College.

Outsider Art: The work of 18 American and European artists selected from the Rosa Esman Gallery in New York City who work outside the "norms" of the art world will be displayed through Aug. 23.

Guatemalan Textiles: Created by the highland Mayas of Guatemala over the past 50 years, these brightly colored, intricately patterned textiles are based on a tradition that has existed since pre-Columbian times. The textiles will be on display through Aug. 30.

Twin Sisters?, a slide presentation: Mary Kelly, professor of art at TC3, will discuss her work in progress on goddess motifs from Eastern Europe and Central America, Aug. 9, 2-3 p.m. as part of the Sunday Artbreak series and in conjunction with the exhibition of Guatemalan textiles.

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 that are still being renovated.

Cornell Libraries

E. B. White, His Life and Writings: Photographs, drawings and manuscripts, including pieces from the "New Yorker," Thurber cartoons and versions of "Charlotte's Web" and "Stuart Little," on display at Olin Library through Aug. 12, Monday - Friday 8 a.m. to noon; 1 to 5 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. Cornell Cinema will be closed Aug. 9-23.

Thursday, 8/6

"Orpheus" (1949), directed by Jean Cocteau, with Jean Marais and Maria Casares, 8 p.m., Uris Hall.*

"Blood of a Poet" (1932), directed by Jean Cocteau, with Jean Cocteau, 8 p.m., Uris Hall.*

Friday, 8/7

"Stroszek" (1977), directed by Werner Herzog, with Bruno S., Eva Mattes and Clemens Scheitz, 9 p.m., Anabel Taylor Hall.*

"Kiss of the Spider Woman" (1985), directed by Hector Babenco, with William Hurt, Raul Julia and Sonia Braga, 10 p.m., Uris Hall.*

"Indiana Jones and the Temple of Doom" (1984), directed by Steven Spielberg, with Harrison Ford, Kate Capshaw and Ke Huy Quan, 7:30 p.m., Uris Hall, limited.*

Saturday, 8/8

"Heartburn" (1986), directed by Mike Nichols, with Meryl Streep, Jack Nicholson and Jeff Daniels, 9 p.m., Anabel Taylor Hall, limited.*

"Kiss of the Spider Woman," 7:30 p.m., Uris Hall.*

"Indiana Jones and the Temple of Doom," 10 p.m., Uris Hall, limited.*

MUSIC

Willard Straight Hall

Aaron Quince, Larry McAfoos and Chad Magentanz, original pop trio, Aug. 7, 5-7 p.m., on the Terrace in Willard Straight Hall.

Cornell Summer Session

Ithaca Opera Association will perform "Jacques Brel is Alive and Well and Living in Paris," Aug. 6 and 7, 8:15 p.m., Anabel Taylor Courtyard.

RELIGION

Catholic

Mass: Sunday at 10 a.m., Anabel Taylor Auditorium.

Episcopal (Anglican)

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

Friends (Quakers)

Summer meetings for worship, 10:30 a.m., Hector Meeting House, Perry City Road.

Jewish

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

Conservative/Egalitarian Services: Friday, 7:30 pm., Anabel Taylor Founders Room.

Orthodox Shabbat Services: Saturday, 9:15 a.m., Anabel Taylor Edwards Room.

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.

Sage Chapel

Nancy T. Gabriel, senior lecturer in the Department of Modern Languages and Linguistics, will deliver the sermon at Sage Chapel Aug 9 at 11 a.m. Her topic will be "Temperance."

SEMINARS

Sandwich Seminar

"Are the Golden Years Growing Tarnished? Retirement Patterns and Policy Issues," Oliva S. Mitchell, associate professor of labor economics, Aug. 6, noon, 213 Ives Hall.

MISC

Alternatives Library

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

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 summer from 8 p.m. until midnight. Call the observatory at 255-3557 after 8 p.m. on clear Fridays for more information.



"Outsider Art," featuring the work of 18 artists whose work is considered outside the art world's norms, is among the exhibits currently on display at the Johnson Museum of Art. Among the works in the show are an untitled crayon, ink and watercolor composition by J. B. Murry, left, and an untitled colored pencil and graphite drawing by Johann Hauser, right.

Job Opportunities

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.

EXECUTIVE STAFF ASST. I (PC2910) CRSR
Manage all aspects of Facilities Operations. Update & maintain computerized database of holdings; organize & supervise collection use; assist users in locating images & ancillary data; develop & maintain ed./public outreach programs; compose all corresp., reports & publicity material.

Req.: BA/BS or equiv. Knowl. of computer systems; database management helpful. Astronomy courses. Exc. interper. & comm. (written/oral) skills. Send cover letter & resume to Esther Smith by 8/14.

ESTIMATOR I (PG2908) M&SO

Prepare detailed estimates for maintenance, repair or construction projects.

Req.: AAS in Mech. Tech. or related field and/or completion of sheet metal apprenticeship program. Min. 5 yrs. exp. in field. Exc. comm. skills, understanding of scheduling & project mgmt. Exp. in univ. research environ. & computer knowl. most helpful. Send cover letter & resume to J. Courtney Fletcher by 8/20.

ADMINISTRATIVE MANAGER I (PG2903)

Residence Life, Fall Creek Gorge Area
Responsible for management of all housekeeping functions within residential area. Direct all personnel aspects of area housekeeping staff. Coord. quality assurance, purchasing & inventory for supplies, furnishings & contract services. Assist in planning, budget development & analysis.

Req.: BS or equiv. Exp. in supv., training & institutional housekeeping. Exc. admin., interper., written & oral comm. & human resource development skills necessary. Send cover letter & resume to J. Courtney Fletcher.

PROGRAM ADVISOR (PA2907) Unions & Activities-Noyes Center

Responsible for student activities, program development & personnel supervision. Working hours irregular with frequent evening & weekend programs & meetings. 10 month position. 8/87-5/88.

Req.: BA/BS; 1 yr. paid exp. in field related to college unions-activities or 2 yrs. volunteer exp. in student leadership positions. CU exp. pref. Must enjoy working with people in counseling & advising role. Exc. org. & comm. skills. Knowl. of computers (IBM-PC-XT) pref. Send cover letter & resume to Cynthia Smithbower by 8/20.

COSEP ASSOCIATE (PA2911) Hotel Admin.

Reporting to Assoc. Dean for Academic Affairs, administer school's minority affairs programs incl. recruitment of qualified H.S. candidates, academic advising, non-academic counseling & placement. May assume minimal teaching load.

Req.: BA/BS from a hospitality program. Related industry exp. highly desired. MS, student personnel admin. or related field desired. Must be able to work closely with variety of students, faculty & administrators as well as with H.S. college counselors, alumni & industry professionals. Send cover letter & resume to Cynthia Smithbower by 8/31.

ASST. DIR. CORNELL CLUBS (PA2908) Alumni Affairs

Provide staff support to 25 Cornell Clubs; assist in planning overall policies & goals; prepare leadership materials & conduct leadership workshops. Work with Federation volunteer board to plan annual mtg., work with 2 volunteer committees, & write materials for newsletters.

Req.: BA/BS, Cornell pref. Computer skills desired; strong professional interest in academic admin., good interper. skills to work with volunteers, well organized, capable of public speaking & writing a variety of training materials & articles. Send cover letter & resume to Cynthia Smithbower by 8/21.

ASST. DIR., ADMISSIONS (PA2901) Engr. Admissions & Undergrad. Affairs

Assist in selection & enrollment of engr. freshmen & transfer students & in recruitment of univ. undergraduates. Participate in advising of undergraduates. Responsible for transfer admission & coordinates preparation of office publications.

Req.: BS pref. in engineering; or MS or equiv. in counseling. 2-3 yrs. direct exp. in admissions, pref. in engineering; demonstrated org., interper. & comm. (written/oral) skills; public speaking ability; exp. with statistical computer systems. Minorities are encouraged to apply. Send cover letter & resume to Cynthia Smithbower by 8/26.

DEVELOPMENT ASST. (PA2902) University Development

Assist in planning & implementation of Univ's. annual campaign & provide assistance with major reunion campaigns. Design & implement fund raising programs within Cornell Fund. Enlist & work with alumni & student volunteer leaders. Coordinate Cornell Fund special events & mtgs.

Req.: BA/BS. Exc. comm. & interper. skills. Some prior knowl. of fund raising through prof. or volunteer exp. Able to communicate with a diverse alumni & student body. Knowl. of Cornell desired. Send cover letter & resume to Cynthia Smithbower by 8/21.

ADVANCED MGMT. PROGRAM DIR. (PA2909) Hotel Admin.

Organize, structure & develop School of Hotel Admin. new Advanced Education Programs for Hospitality Industry Executives. Must be able to mobilize faculty, staff, industry & alumni support for new program.

Req.: MS in continuing education or related field. Work exp. in corporate executive training pref. Send cover letter & resume to Cynthia Smithbower by 8/31.

SYSTEMS ANALYST III (PT2212) Quality Milk Promotion Services-repost

Analyze, design, develop, implement & document computer appl. Able to work in a network & microcomputer or multitasking environ. having several components or inter-relationships with other hardware & software systems. Diagnose production systems software problems & correct. Work with staff to analyze data.

Req.: BA or equiv. 1-2 yrs. exp. in analytical/problem-solving. Exp. with micro's & planning micro systems, networking or multitasking, database. Strong interper. & comm. skills. Knowl. of applications incl. work processors, database mgmt. systems, utility programs, MS-DOS operating systems & IBM compatible micro hardware & statistical packages. Statistical expertise pref. Send cover letter & resume to Judi Pulkinen.

APPLICATIONS PROGRAMMER II (PT112) NYSSILR-repost

Support admin. computing & WP functions. Write, maintain, document & train staff to use special appl. prog. Install & keep track of hardware & software. Diagnose problems. Train staff to utilize special features of WP prog. Install or download fonts. Encourage & facilitate communication among users through user groups, workshops & newsletters.

Req.: BA or equiv. 2-3 yrs. with IBM PC's or compatible & Macintoshes incl. hardware & software packages-WordPerfect, Microsoft word, LOTUS, DBASE. Exp. with IBM mainframe using CMS & Kermit. Knowl. of database concepts & systems such as ADABASE & 2 programming languages-Natural, Pascal, Fortran. Exc. interper., comm. & org. skills necessary. Send cover letter & resume to Judi Pulkinen.

EDITOR I (PC2805) Integrated Pest Management-Geneva

Facilitate development & dissemination of info. on Integrated Pest Management. Produce articles, reports, publications, & info. materials for general public, establish & maintain a lib. of general articles & public info. activities of IPM Support Group; develop an understanding of appropriate outlets of info. for IPM, incl. development of appropriate mailing lists.

Req.: BA or equiv. in English, Comm., Journalism or related field, or equiv. exp. Demonstrated ability to utilize English language to communicate knowledge. Previous exp. in preparation of news articles, consumer info., manuals, or fact sheet is req. Send cover letter, resume, writing sample & name & address of 3 references to Dr. James P. Tette, IPM Support Group, NYSAES, Geneva, NY 14456 by 8/25.

APPLICATIONS PROGRAMMER/ANALYST I (PT2807) Public Affairs Law School

Provide programming/analytic support to Law School's Office of Development & Public Affairs. Maintain/update existing data base; produce reports as requested/scheduled; train/assist development staff w/computer related questions; work with central Public Affairs on gift & computer-related matters.

Req.: BA or equiv. Exp. with IBM-PC, MS-DOS, mainframe systems; knowl. of CMS; know how to relate alumni info. requests to available mainframe & microcomputer systems. Good org. & interper. skills. Send cover letter & resume to Judi Pulkinen by 8/14.

ASST. BUDGET MGR. (PC2809) Budget Management Office

Provide supervisory, analytical, & tech. support in development, implementation, maintenance & regulation of University's budgetary process under admin. direction of Budget Mgr.

Req.: BA pref. in busn., finance or related field. Min. 3-5 yrs. progressively related exp. Exp. in higher ed. pref. Strong comm. (written & oral) & interper. skills. Familiar with use of computerized financial systems & microcomputers. Proven supervisory abilities & related exp. at CU. Send cover letter & resume to Esther Smith by 8/14.

EXECUTIVE DIETITIAN (PG2803) Dining

Plan & direct all service, production, personnel & financial aspects of a dining operation; coordinate contemporary nutrition program. Assist managers in menu planning; prepare budgets, control revenues & expenses; forecast customer counts; develop new recipes & programs; develop competent & efficient staff through effective hiring & training programs.

Req.: BS & 3-5 yrs. related food service exp. or equiv. Registered Dietitian (R.D.) by American Dietetic Association pref. Knowl. of food handling & health regulations essential. Exp. teaching dietetic course work desired. Send cover letter & resume to J. Courtney Fletcher by 8/20.

RESEARCH SUPPORT SPECIALIST I (PT2317, PT2211) Entomology-repost

Assist in research prog. on evolution of insect-plant associations. Manage all phases of lab oper., supv. staff & students, coord. & org. experiments in 2 large research projects, & assist in design & analysis of experiments.

Req.: BS in bio. plus 1 1/2 yrs. exp. in research lab. Trng. in evolution & ecology, exp. in handling insects, use of computer & microscopes & working under field conditions highly desired. Send cover letter & resume to Judi Pulkinen by 8/14.

PATENTS & LICENSING OFFICER (P2718) Patents & Licensing

Assist Dir. in Technology Transfer, invention evaluation, patent solicitation, software protection, licensing matters & technology marketing.

Req.: BA/BS pref. in biol. sciences or elec. engr., law degree desired. Registered to practice before U.S. Patent & Trademark Off., strong written & verbal skills, demonstrated ability to work with faculty. Send cover letter & resume to Cynthia Smithbower by 8/24.

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).

SECRETARY, GR17 (C2905) NYSSILR-Extension & Public Service

Provide sec. support to statewide mgmt. programs & Ext. faculty. Use IBM PC for routine WP & database mgmt.; answer & return phone calls; arrange seminars; assist with registrations, billings & in development of brochures, mailings; other duties as assigned.

Req.: H.S. dip. or equiv. Min. 1 yr. related exp. Med. typing. Exc. interper. & comm. skills. PC exp. necessary. Able to set priorities & work in a complex, active environ.

Minimum Biweekly Salary: \$421.81

OFFICE ASST., GR17 (C2912) Agricultural Economics

Responsible for mailroom activities. Receive, open, distribute incoming mail; bulk mailings; mail textbooks; handle inventory; package & mail up to 250 textbooks & info. pieces each week., units of mail up to 350 pieces/day. Full-time for 2 yrs. Continued employment contingent upon funding & need.

Req.: H.S. dip. or equiv. Lt. typing. Exp. helpful with working in a fast paced, high scheduled environ. Good org. & comm. skills. Cases may weigh in excess of 50 lbs.

Minimum Biweekly Salary: \$421.81

SECRETARY, GR18 (C2919) Integrated Pest Management-Geneva

Assist IPM admin. aide in off. operation. Use Mac software & equip. to prepare corresp., reports, manuscripts & mailing lists. Responsible for record keeping; bookkeeping; filing; other duties as assigned.

Req.: H.S. dip. or equiv. Busn. or sec. school desir. Min. 2-3 yrs. exp. incl. use of computer equip. & software, for data entry work & WP, bookkeeping. Exc. org., interper. & comm. skills. Med. typing.

Minimum Biweekly Salary: \$444.37

WORD PROCESSING OPERATOR, GR18 (C2916) Agricultural Engineering

Provide typing support using IBM-PC with WordPerfect, Mac with Word & Microm dedicated WP. Enter, revise & print manuscripts, proposals, newsletters, directories, etc.; enter corresp. & classwork from originals incl. handwritten copy, drafts, cut & paste work & dictation.

Req.: H.S. dip. or equiv. Sec. school desir. Min. 1-2 yrs. WP exp. Heavy typing.

Minimum Biweekly Salary: \$444.37

SECRETARY, GR18 (C2909) Public Safety

Type; maintain, search for & retrieve files; input & output of data; sched. appts.; statistical analysis; generate reports; answer phone; act as receptionist. Other duties as assigned.

Req.: H.S. dip. or equiv. Busn. or sec. school desir. Med. typing. Sec. exp. Strong interper. skills. Able to set priorities & work in a complex, active environ. Exp. with IBM system 36 highly desir. High degree of confidentiality req.

Minimum Biweekly Salary: \$444.37

SECRETARY, GR18 (C2911) University Development

Provide sec. support for Corporate Development Program. Handle phone calls & messages; schedule appts., route material to central files; duplicate materials; arrange mtgs.; collect, open & distribute mail; type corresp.; maintain computerized database.

Req.: H.S. dip. or equiv. Busn. or sec. desir. Med. typing. Some off. exp.; knowl. of electronic typewriter & Mac computer desir. Good comm. & org. skills. Able to set priorities & work in a complex, active environ. Confidentiality req.

Minimum Biweekly Salary: \$444.37

OFFICE ASST., GR18 (C2906) Summer Session

Directly assist Media Mgr. in carrying out projects & tasks for Division's publicity & marketing. Other clerical duties as assigned.

Req.: H.S. dip. or equiv. 1-2 yrs. exp. in media-related field pref. Med. typing. Knowl. of Microsoft word or Pagemaker req. Exc. org., interper. & comm. (written/oral) skills. Knowl. of advertising/marketing, graphic design & printing production. Valid NYS driver's license req. Personal car helpful.

Minimum Biweekly Salary: \$444.37

SR. CIRC./RESERVE ASST., GR18 (C187) Univ. Libraries-JGSM-repost

In charge of class reserves function; share circ. desk functions incl. stack supv., records mgmt. & work with student staff; assist with tech. processing projects as needed. 10 month position: Aug.-May.

Req.: 2 yrs. college or equiv. or 3-4 yrs. work exp. Strong comm./public service skills. Knowl. of WP & "PC File" or other data base mgmt. system helpful. Lt. typing.

Minimum Biweekly Salary: \$444.37

SR. CIRC./RESERVE ASST., GR18 (C144) Veterinary Library-repost

Coord. circ. of lib. materials & perform various circ. duties (i.e. overdues & billings); maintain reserve collection & stacks; hire, train & supv. student assistants; staff Circ./Reserve/Info. desk; provide photocopy & current awareness svcs. Other duties as assigned.

Req.: BA or equiv. pref. Min. 1-2 yrs. exp. in a lib. or off. esp. in customer or public svc. Lt. typing. Strong svc. commitment & able to work effectively with variety of people in public svc. capacity essential. Accuracy in detailed work. Strong org. & interper. skills. Exp. with microcomputers helpful.

Minimum Biweekly Salary: \$444.37

SR. DEPT. ASST., GR18 (C2411) Media Room, Uris Library-repost

Resp. for clerical, tech. & public service operations. Supervision of dept. student workers & extensive handling of audio-visual materials & equip.

Req.: Some college background or equiv. exp. Lt. typing. Aptitude for supervisory work & use of A/V equip. & computers. Strong org. & comm. skills. Able to lift & carry equip. up to 40 lbs.

Minimum Biweekly Salary: \$444.37

SR. RECORDS ASST., GR18 (C2312) ILR Catherwood Library-repost

Process received materials; search RLIN for available record; bibliographic verification, in card catalogs & RLIN, of materials to be added to Library; order material for reserve; purge files & update records on RLIN; train & supervise student assts. Other duties as assigned.

Req.: AAS, 2 yrs. college or equiv. exp. Med. typing. Knowl. of bibliographic verification systems & tools. MARC II format. Computer searching & inputting techniques. Accuracy & ability to handle detail req. Knowl. of French, German, or Spanish desir.

Minimum Biweekly Salary: \$444.37

ADMINISTRATIVE AIDE, GR19 (C2914) Engineering Cooperative Program

Serve as admin. assist. to Co-op coord. Ext. contact with company recruiters & students in org. recruiting activities; maintain computer database; make travel arrangements; handle payroll & acctg. vouchers; maintain reference lib.; type. Other duties as assigned. Mon.-Fri., some evenings.

Req.: AAS or equiv. Med. typing. Knowl. of CU procedures (acctg. financial aid, registration) very helpful. Exc. org., comm. skills. Accuracy & confidentiality essential. Mac exp. very helpful. Able to set priorities & work in a complex, active environ.

Minimum Biweekly Salary: \$470.80

OFFICE ASST., GR19 (C2908) SBO Payroll Unit

Provide assistance in executing support to payroll function with specific emphasis on service to CU. Key temp. appt. data which establishes individual records on data base & other data base updating functions.

Req.: AAS degree or equiv. Min. 2-5 yrs. payroll/acctg. exp. PC abilities pref.

Minimum Biweekly Salary: \$470.80

SECRETARY, GR19 (C2903) Ecology & Systematics

Provide sec. support for several dept. faculty & grad. field rep. Type corresp., manuscripts, statistical charts; answer phone; draft corresp.; maintain grad student files; perform other supporting functions.

Req.: AAS in sec. sci. or equiv. pref. Extensive sec. exp. WP (Xerox 860, Mac SE computer) highly desir. Exc. proofreading skills. Strong org., comm. & interper. skills. Able to set priorities & work in a complex, active environ.

Minimum Biweekly Salary: \$470.80

ADMINISTRATIVE AIDE, GR19 (C2904) Agricultural Economics

Provide admin. support for 2 teaching faculty. Independent resp. for org. of seminars, sections, training sessions, Personal Enterprise Program task force mtgs., internships yrly. for 20-25 students & executive busn. cooperators; prepare course work; schedule mtg. places, travel & local housing arrangements & all admin. details (class materials, reports, grades, corresp., etc.). Until 7/31/88-further employment contingent upon need & funding.

Req.: AAS or equiv. Admin./sec. exp. Exc. org., interper. & comm. (written/oral/phone) skills essential. Computer/WP (Lotus 1-2-3/ graphic pkgs./PC basics, etc.) necessary. Able to set priorities & work in a complex, active environ. Interaction with CU & outside.

Minimum Biweekly Salary: \$470.80

ADMINISTRATIVE AIDE, GR20 (C2918) Human Ecology Administration

Provide admin. support to College admin. unit. Accts. payable & payroll; spreadsheet management; WP, benefit registration. Other projects as assigned.

Req.: AAS or equiv. in busn. & 3-5 yrs. increasingly resp. exp. in providing clerical/admin. support. Able to set priorities & work in a complex, active environ. Exc. org., interper. & comm. (written/oral) skills. Knowl. of acctg. payable, WP & spreadsheet programs helpful. Computer exp. req. Able to disseminate info. effectively. Med. typing.

Minimum Biweekly Salary: \$496.80

SECRETARY, GR20 (C2112) Public Affairs Regional Offices-repost

Type corresp., forms, vouchers, & other materials, schedule appts., maintain event calendar & assist in mtg. arrangements. Assist at public affairs events occasionally. Interaction by phone & in person with alumni.

Req.: H.S. dip. or equiv. Sec. training desir. Min. 2-3 yrs. sec. exp. Med. typing. Good org., comm. (written & verbal) & interper. skills.

Minimum Biweekly Salary: \$496.80

CIRC./RESERVE SUPV., GR20 (C2907) Fine Arts Library

Supervise operations of Circ./Reserve desk & maintenance of stacks. Hire, schedule, supervise & evaluate approx. 20 students & regular staff members; provide reference/info. service; assist with annual inventory; participate in special Fine Arts Libr. activities; supervise libr. 3 Saturdays/semester.

Req.: BA or equiv. Previous lib. exp. highly desir. Med. typing.

Minimum Biweekly Salary: \$496.80

LC CATALOGER, GR20 (C2102) Catherwood Library-repost

Catalog & recatalog monographs & serials with copy using RLIN; maintain card catalogue & shelf list; train & supervise student assts. incl. revision of their work; maintain work on RLIN. Other duties as assigned.

Req.: College ed. or equiv., subject background in social sci. helpful. Min. 1 or more yrs. relevant technical services exp.; knowl. of AACR2, LC classification & subject headings, & MARCII format. Med. typing. Exp. with computer searching & inputting techniques & with cataloging procedures. Familiar with RLIN. Absolute accuracy. Able to handle details with

August 6, 1987
Number 29
University Personnel Services
Cornell University
160 Day Hall
Ithaca, New York 14853-2801

discretion & judgment.

Minimum Biweekly Salary: \$496.80

PERSONNEL ASST., GR22 (C2901) Coop. Extension-New York City

Provide clerical/admin. support in all personnel functions & matters related to Sponsored Programs/Grants & Contracts. Respond to variety of related matters. Mon.-Fri., 35 hrs./wk.

Req.: AAS or equiv. Min. 5 yrs. admin./personnel, sec. exp. Shorthand/longhand desir. Able to work accurately with figures. Med. typing.

Minimum Biweekly Salary: \$556.14

ADMIN. AIDE, GR22 (C2803) Career Center/Sage

Maintain dept. acctg. & budgets, incl. travel-related items, purchasing, ordering, inventory of supplies, copier materials & maintenance, provide support to Recruiting Coord. for campus-wide recruiting; provide general sec. support as needed.

Req.: AAS or equiv. Exp. with CU budget/acctg. procedures & ability to use Mac computer programs req. Min. 2-3 yrs. work exp. desir. Requires exc. org., interper. & comm. (written/oral) skills. Accuracy & attention to detail. Must be able to work well with a variety of individuals & depts. Able to set priorities & work in a complex, active environ. Heavy typing.

Minimum Biweekly Salary: \$556.14

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.

CASHIER, GR15 (G2901) Dining

Transact cash & credit sales; tabulate daily figures & prepare deposits.

Req.: H.S. dip. or equiv. 1-2 yrs. related exp. Basic reading & computation skills. Good interper. & comm. skills req.

Minimum Biweekly Salary: \$382.62

DISPATCHER II, SO18 (G2526) M&SO Customer Service-Endowed-repost

Serve as primary communication link between campus community & M&SO for maintenance requests. Issue job tickets utilizing mainframe terminal. Dispatch tradespersons & assistants via radio comm. system. Mon.-Fri., 7:30 a.m.-4:00 p.m., shift subject to change.

Req.: H.S. dip. or equiv. Med. typing. Exc. interper. & phone skills. Able to work under pressure with careful attention to details. Exp. with computers & radio comm. helpful. Training or exp. in public relations, sales or service pref.

Minimum hourly rate: \$5.71

Husa *Continued from page 1*

use a lot of percussion — gongs, drums, marimbas, vibraphones — and short motifs. The marimba is probably a modern variation of some of the south Asian gamelan instruments."

From Tokyo, Husa traveled to Nagoya for another student performance, again very well prepared, although the players were needlessly fearful he would not be satisfied with their work. An overflow audience of 4,000 attended, after which Husa had to sign programs by the hundred.

The conductor who was Husa's host was Toshio Akiyama, who studied at Eastman and is a frequent visitor to the United States. When the Chicago Symphony played Husa's "Music for Prague 1968" in December, Akiyama led a delegation of 40 Japanese conductors to the concert.

Husa's Asia tour also included Singapore, where he conducted the Singapore Symphony Orchestra in "Music for Prague," as well as Martinu's Violin Concerto and Dvorak's Eighth Symphony. The violin soloist was Pavel Prantl, the concert master of the orchestra, who, like Husa, is originally from Prague, Czechoslovakia.

Following his five weeks in the Orient, Husa returned to his Ithaca "pressure cooker" to continue work on three new commissions. He will conduct the premiere of a concerto for organ and orchestra, "The Sunlights," to be performed by the Cleveland Institute Orchestra with Karel Paukert, organist, at the Michelson-Morley Centennial Celebration on Oct. 28.

In February, Sir George Solti will conduct the Chicago Symphony Orchestra in the premiere of Husa's "Concerto for Trumpet and Orchestra," with Adolph Herseth, soloist.

Lynn Harrell will perform Husa's new "Concerto for Violoncello and Orchestra" later in the year. The Boston and Cincinnati symphony orchestras will perform "Music for Prague 1968" this fall, and the composer will conduct the U.S. Navy Band in his "Concerto for Wind Ensemble" and "Smetana Fanfare" at the Midwest Orchestra and Band Convention in Chicago Dec. 16.

— Irv Chapman

40 faculty appointed/re-appointed

Forty faculty members were recently appointed or reappointed to positions at Cornell. Unless otherwise noted, the actions were effective July 1.

Herbert S. Aldwinkle, professor in the Department of Plant Pathology (Geneva), College of Agriculture and Life Sciences, reappointed chairman of the department through June 30, 1992.

Anthony F. Caputi, professor in the Department of English, College of Arts and Sciences, reappointed chairman of the Department of Comparative Literature from July 1, 1989, through June 30, 1990.

Sherman G. Cochran, professor in the Department of History, College of Arts and Sciences, appointed chairman of the department through June 30, 1991.

Claude Cohen, associate professor in the School of Chemical Engineering, College of Engineering, promoted to professor.

Jonathan D. Culler, Class of 1916 Professor of English and Comparative Literature, reappointed director of the Society for the Humanities, College of Arts and Sciences, through June 30, 1990.

Eddie W. Cupp, associate professor in the Department of Entomology, College of Agriculture and Life Sciences, promoted to professor.

R. Keith Dennis, professor in the Department of Mathematics, College of Arts and Sciences, appointed department chairman through June 1990.

David C. Dunn, associate professor in the School of Hotel Administration and assistant dean of academic affairs, promoted to associate dean for academic affairs through June 30, 1992.

Elmer E. Ewing, professor in the Department of Vegetable Crops, College of Agriculture and Life Sciences, reappointed chairman of the department through June 30, 1992.

Donald K. Freebairn, professor in the Department of Agricultural Economics, College of Agriculture and Life Sciences, appointed professor of agricultural economics and Latin American studies emeritus, effective June 30, 1990.

Edgar L. Gasteiger, professor in the

Department of Physiology, College of Veterinary Medicine, appointed professor of physiology emeritus, effective Sept. 1.

Henry Hagedorn, associate professor in the Department of Entomology, College of Agriculture and Life Sciences, promoted to professor.

Charlotte A. Heth, visiting professor in the Department of Music, College of Arts and Sciences and in the College of Agriculture and Life Sciences, appointed director of the American Indian Program through June 30, 1989.

John E. Hopcroft, professor in the Department of Computer Science, Colleges of Arts and Sciences and of Engineering, appointed chairman of the department through June 30, 1992.

Anthony R. Ingraffea, associate professor in the Department of Structural Engineering, College of Engineering, promoted to professor.

Andre T. Jagendorf, professor of plant biology in the Section of Plant Biology, Division of Biological Sciences, appointed chairman of the section through June 30, 1990.

Gerhard A. Jirka, associate professor in the Department of Environmental Engineering, College of Engineering, promoted to professor.

C. Richard Johnson Jr., associate professor in the School of Electrical Engineering, College of Engineering, promoted to professor.

Peter J. Kahn, professor in the Department of Mathematics, College of Arts and Sciences, appointed acting chairman of the department retroactive from May 11, 1987, through Aug. 17, 1987.

J. Peter Krusius, associate professor in the School of Electrical Engineering, College of Engineering, promoted to professor.

Dominick C. LaCapra, professor in the Department of History, College of Arts and Sciences, appointed acting director of the Society for the Humanities through June 30, 1988.

Sidney Leibovich, professor in the Sibley School of Mechanical and Aerospace Engi-

Continued on page 8

CU scientists help Pew Trusts set up nutrition centers

The Pew Charitable Trusts of Philadelphia has established five "centers of excellence" in nutrition across the country in a new program administered by Cornell.

The centers are the University of California at Davis, the University of Florida at Gainesville, Case Western Reserve University, the University of Washington and The Rockefeller University.

Under the program, these institutions will share \$3.6 million, receiving grants ranging from \$600,000 to \$1 million for five years, according to Malden C. Nesheim, chairman of the national advisory committee that made recommendations for grant awards for The Pew Charitable Trusts.

Nesheim is Cornell's vice provost for budgeting and planning. Until recently, he was director of the Division of Nutritional Sciences. Michael N. Kazarinoff, an associate professor of nutritional biochemistry at Cornell, is associate director of the program.

"A major priority of the Pew nutrition program is to encourage institutions to provide focus and visibility to their nutrition activities," Nesheim said. "Because of the nature of modern nutrition, many universities have researchers in nutrition issues located in various departments and disciplines. The Pew initiative hopes to encourage these individuals to collaborate and to identify their activities with strong and highly visible institutional nutrition programs."

In addition to conducting research and training, center scientists will convene annually to discuss their activities and plans and to share ideas in nutrition with members of the advisory committee, Nesheim said. The five centers were selected from among 73 that had applied for the grants.

The Pew Charitable Trusts consists of seven charitable funds established by the family of Joseph N. Pew to support work in education, health care, culture, human services, public policy, religion and conservation.

— Yong H. Kim

Job Opportunities

& procedures. Knowl. of safety practices. Apply by 8/14.

Minimum Biweekly Salary: \$444.37

TECHNICIAN, GR18 (T2203) Vet. Physiology-repost

Provide technical support in prep. & characterization of monoclonal antibodies (specifically, culture of hybridomas) to pig & human intestinal brush border membrane proteins. Prepare cell culture items & order lab supplies.

Req.: BS in biol. sci. or equiv. Knowl. of cell culture & sterile techniques pref., not essential. Apply by 8/7.

Minimum Biweekly Salary: \$444.37

TECHNICIAN, GR18 (T2803) Equine Drug Testing

Perform routine analysis of horse blood & urine in field lab at Vernon Downs, Vernon, NY. Assist lab dir. as req. Sat., Sun. & holidays incl. 1:30 p.m.-10:00 p.m., 5 days/wk.

Req.: AAS or equiv. lab exp. Exp. with thin layer chromatography & general lab procedures. Send cover letter & resume to John Myers, Equine Drug Testing, 925 Warren Drive, Ithaca, NY 14853.

Minimum Biweekly Salary: \$444.37

TECHNICIAN, GR19 (T2901) Food Science

Assist in research program using recombinant DNA techniques for industrial microbio. Carry out experimental protocols, maintain equip. & purchase mat'ls. & supplies.

Req.: BS in microbio. or biol. or equiv. exp. Knowl. of Southern, Northern & DNA sequencing desir. Apply by 8/21.

Minimum Biweekly Salary: \$470.80

TECHNICIAN, GR19 (T2805) Diagnostic Laboratory

Perform serological examinations incl. brucellosis (tube, card, plate), Rivanol (F), Elisa Test, & Milk ring test. Misc. asst. in lab incl. washing glassware & general cleaning.

Req.: AAS or equiv. exp. BS pref. Good hand eye coord.; dependability & accuracy. Apply by 8/14.

Minimum Biweekly Salary: \$470.80

TECHNICIAN, GR19 (T2804) Ecology & Systematics

Perform starch gel electrophoresis involving pouring gels, dissections, homogenizing, staining, buffer mixing, & glassware washing. Duties incl. data processing, word processing, xeroxing, fish feeding & library searches. Full-time Mon.-Thur. 8-5, Fri., 8-4 or Part-time hrs. to be arranged.

Req.: AAS in Biol. Sci.; BA pref. or background in bio. sci. Familiar with general lab procedures. Apply ASAP.

Minimum Biweekly Salary: \$470.80

TECHNICIAN, GR20 (T2906) Veterinary Pathology

Prepare slides for microscopic examination to incl. embedding & cutting of tissue, routine & special staining of slides, plus other duties assoc. with Histology lab.

Req.: AAS or equiv. in Histology Med. Tech. or Animal Sci. with coursework in Histology, HT (ASCP) certification pref. Some exp. in Histology lab. Knowl. of some special staining tech-

niques. Must be proficient in use of microtome. Apply by 8/21.

Minimum Biweekly Salary: \$496.80

TECHNICIAN, GR20 (T2905) Biochemistry, Molecular & Cell Biology

Conduct experiments on mitochondrial protein transport, membrane reconstruction, measurement of mitochondrial membrane potential.

Req.: BS or equiv. exp. in Biochem. Basic biochem. lab exp. incl. some exp. in use of spectrophotometers, centrifuges, etc. Apply by 8/21.

Minimum Biweekly Salary: \$496.80

TECHNICIAN, GR22 (T2902) Entomology-Geneva

Independently conduct experiments for isolation & characterization of biological compounds; prepare data for computer analyses; keep detailed experiments records & supporting data; assist in publication of results; supv. temp. employees; assist visiting & postdoc. researchers.

Req.: BA in physiological/biochemical sci. Operation of analytical instruments (spectrophotometers, scintillation counter, HPLC, etc.). Skills in computer use, stat. analyses & molecular biological techniques pref. Good managerial, org. & comm. skills req.

Minimum Biweekly Salary: \$556.14

CHESS OPERATOR, GR24 (T2904) Chess

Provide technical assistance to users on experimental radiation beams, implement safety codes. Resp. for correcting malfunctions in CHESS system & instrument control. May assist in experimental programs. Days plus some evening & weekends.

Req.: BS or equiv. in tech. field, i.e., physics or engr. Programming pref. Good mechanical & lab skills. Familiar with vacuum equip. Apply by 8/21.

Minimum Biweekly Salary: \$625.43

Part-Time

LABORATORY ATTENDANT, GR14 (G2906) Plant Pathology-Geneva

Assist in cleaning lab & greenhouse glassware. Pick-up, deliver, decontaminate glassware & autoclave; destroy fungi & other microbial cultures. Assist with routine cleaning & maint. of work rooms & equip. Mon.-Fri., 8 a.m.-noon; 1 yr. appointment, continuation contingent upon funding.

Req.: H.S. dip. or equiv. Able to learn to operate & maintain equip. Able to organize daily work schedule to meet changing job demands. Neatness & attention to detail essential.

Minimum full-time equivalent: \$364.37

BUILDING ATTENDANT, GR16 (C2910) Access Services-Olin Library

Perform lib. security functions. Work at exit control desk & stack control desk, perform a variety of clerical duties; responsible for opening, closing & making regular tours of building.

Req.: H.S. dip. or equiv. Able to work with

variety of people at public service desk. Good comm. skills.

Minimum full-time equivalent: \$401.78

TECHNICAL ASST., GR17 (T2704) Ecology & Systematics-repost

Assist curatorial assoc. in daily operation of research & teaching aspects of fish & herp collections. Duties incl. recordkeeping, data entry, specimen prep., collection maintenance & misc. duties assoc. with fish & herp collections.

Req.: BS pref.; some coursework in biol. sci. desir. Able to work independ., exposure to research environ., lt. typing skills & attention to detail important. 20 hrs./wk. to be arranged.

Minimum full-time equivalent: \$421.81

SR. CIRC./RESERVE ASST., GR18 (C2915) Physical Sciences Library

Resp. for supervising libr. on weekends & maintaining Circ. desk & copy service. 4 hrs./wk.; Sun. 8-5, Mon. 8-5.

Req.: BA or equiv. Lt. typing. Lib. exp. highly desir. Strong comm. (written/verbal) skills.

Minimum full-time equivalent: \$444.37

SECRETARY, GR18 (C2409) Intl. Population Program-repost

Provide sec./libr. support. Type corresp., manuscripts/reports (incl. tables); answer phones; arrange mtgs.; proofread; copy; file; mail. Respond to libr. related corresp.; order books, periodicals & journals; process new requisitions; prepare books for binding. Other duties as assigned. Mon.-Fri., 20-30 hrs./wk.

Req.: H.S. dip. or equiv. Min. 2-3 yrs. sec. exp. Heavy typing. Knowl. of WP req. Strong typing skills. Proofreading manuscripts exp. helpful. Good phone skills. Accuracy important. Familiar with Macintosh helpful.

Minimum full-time equivalent: \$444.37

AUDIO-VISUAL ASST., GR19 (G2907) History of Art

Responsible for slide & film projection; train & supervise student projectionists; maintain a-v equip.; facilitate classroom mgmt. Mon.-Fri., 8:30 a.m.-1:30 p.m.; 9 month appt. Renewal contingent upon funding.

Req.: H.S. dip. or equiv., AAS pref. Facility in handling a-v equip. nec. Able to handle emergency situations in classroom projection. Good org. & comm. skills helpful.

Minimum full-time equivalent: \$470.80

ADMINISTRATIVE SECRETARY, GR20 (C2902) Chemistry

Provide admin. & sec. support to professor & research group. Manage production of manuscripts & research proposals. Admin. all aspects of off. during professor's absence; arrange travel, seminars. Mon.-Fri. 30+ hrs./wk.

Req.: AAS or equiv. Knowl. of Chemistry helpful. Able to read German/Russian helpful. Heavy typing. Min. 2-3 yrs. sec. exp. incl. knowl. of CU manuscript, grant proposal & travel systems.

Minimum full-time equivalent: \$496.80

LAB EQUIPMENT TECH., GR21 (G2902) Dean's Office-A, A & P

Supv. & maintain woodworking & welding shop activities & facilities (used daily by faculty, staff, students). Maintain machinery & tools;

perform minor maintenance in classrooms, labs & offices. Other duties as assigned. Mon.-Fri., 1 p.m.-5 p.m.; 2 nights/wk., 8:30 p.m.-11:30 p.m.; occasional Saturdays.

Req.: H.S. dip. or equiv. with extensive shop training; 2-3 yrs. exp. in const. trade; or 2 yrs. college with drafting, art & welding exp. Working knowl. of bldg. materials; familiar with brush, single & 3 phase induction electric motors; pulley & shaft drive systems; oxy-acetylene gas torch; electric arc welding. Able to draw. Exc. comm. skills & able to interact with faculty, staff & students essential. Apply at the East Hill Plaza Staffing Office, Mon.-Thur., 9 a.m.-noon.

Minimum full-time equivalent: \$572.69

Temporary

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

CUSTODIAN (G2909) Residence Life

Perform maintenance & custodial care of bldgs. & grounds in immediate vicinity of assigned area. Mon.-Fri., 7:30 a.m.-4 p.m.; temp. position 3-4 wks.

Req.: H.S. dip. or equiv. Able to operate a variety of heavy power equip., lift 50 lbs. & climb an 8 ft. ladder. Basic reading & writing skills. Daily contact with students. Apply at the East Hill Plaza Staffing Office, Mon.-Thur., 9 a.m.-noon.

Minimum hourly rate: \$3.50

TEACHING SUPPORT AIDE (P2904) Human Development Family Studies

Provide support services to faculty responsible for large dept'l. courses & to Coord., Undergrad. Ed., e.g. create, implement & maintain computerized grading system, assist in preparing instructional materials, & in use of A/V materials.

Req.: BA/BS, pref. in Social Science. Familiar with micro computers & software, some administrative exp. Send cover letter & resume to Cynthia Smithbower by 8/14.

COLLECTIONS REPRESENTATIVE (C2305) Controller's/Accounting-repost

Telephone & written collection of past due receivables. Process & file all records pertaining to collection of past due receivables. Mon.-Thurs. noon-8 p.m., Fri. 8:00-4:30 p.m.

Req.: H.S. dip. or equiv. Lt. typing. Collection exp. pref. Exc. phone & written comm. skills a must. Exp. with IBM PC computer system essential. Call Laurie Worsell at 255-7044.

TECHNICIAN (T135) Entomology-repost

Rear insect colonies, handle pesticide solutions, supervise students, assist in insecticide bioassays, dishwashing, growing plants & other duties.

Req.: BS or advanced undergrad. degree

standing & at least 1 semester of organic chemistry. Good org. & comm. skills. Send cover letter & resume to Judi Pulkinen by 8/21.

FIELD ASST. (G2808-4 positions) Plant Breeding

Assist in harvesting, boxing & grading potatoes. Temp. position 8/87-10/31/87.

Req.: Able to lift 50 lbs. Physical exertion & considerable bending req. Apply at the East Hill Plaza Staffing Office, Mon.-Thur., 9 a.m.-noon.

Minimum hourly rate: \$4.00

ALERT COORD. (P2804) Univ. Health Services

Recruit, train & supervise student volunteers in outreach alcohol/drug education program (ALERT). Assist in develop., coord. & evaluation of substance abuse ed. programs for Univ. community. 10-20 hrs./wk.; some evening work req.

Req.: BS/BA in health or community ed., human services or related field. 1-2 yrs. exp. in providing substance abuse ed. programs. Must have strong org. & comm. skills. Send cover letter & resume to Cynthia Smithbower by 8/14.

END USER SEARCHING COACH (C2118) Mann Library-repost

Oversee some admin. details of end user program. Help train, schedule & evaluate staff; assist with prep. of documentation & telecommunications software configuration; guide & coach student searchers during evenings & some weekends. Work under supervision of Info. Literacy. 5-15 hrs./wk.; some evenings & weekends. Until 12/87.

Req.: BS/BA or equiv. in a subject related to agric., bio. or human ecology. Exp. with PC's & software, with training & supervising others & working with public. Familiar with databases & libraries. Lt. typing.

Academic

MATH LECTURER (A2901) Learning Skills Center

Provide supplemental instruction to Learning Skills Center students & maintain extensive off. hrs. Develop learning strategies on mathematic materials & serve as liaison to Mathematics faculty & college academic advisors.

Req.: MS in math. or sci. ed. (math specialty) pref. Related work exp. desir. Send letter of application & vitae to: Dr. Gregory McQuarter, Learning Skills Center, 375 Olin Hall, Cornell University, Ithaca, NY 14853. 255-6310 by 8/14.

SR. RESEARCH ASSOC. (A2702) Nutritional Sciences

Send CV, transcripts & list of references to Dr. Per Pinstrup-Andersen, Director, CNSP, Div. of Nutritional Sciences, Savage Hall, Cornell University, Ithaca, NY 14853.

CU rejects idea of bringing fact-finder into UAW negotiations

University officials said Wednesday that they support efforts of a federal mediator in wage negotiations with service and maintenance employees but consider it inappropriate to bring another third party to the bargaining table.

The university's position was stated in a letter to State Assemblyman Frank J. Barbaro, D-Brooklyn, who had urged the union and the university to submit the wage issue to a fact finder. Barbaro, chairman of the State Assembly Labor Committee, made his recommendation in a letter to President Frank H. T. Rhodes.

United Auto Workers Local 2300, which represents about 900 university employees, earlier accepted Barbaro's proposal to move from mediation into the more formal fact-finding procedure.

Ready to continue talks

With Rhodes away, James E. Morley Jr., the university's senior vice president, wrote to Barbaro: "The university not only supports but has been actively engaged in mediation through the Federal Mediation and Conciliation Service. While no date has been set for the next session, the university's bargaining team stands ready to meet at any time."

"It is our understanding that the mediator will be scheduling another session soon. Because a third party is already involved in the negotiations, we feel it would be inappropriate for another third party to be named."

The union reacted differently. "We can make our case through a neutral fact-finder," Al Davidoff, president of the UAW local, told a news conference.

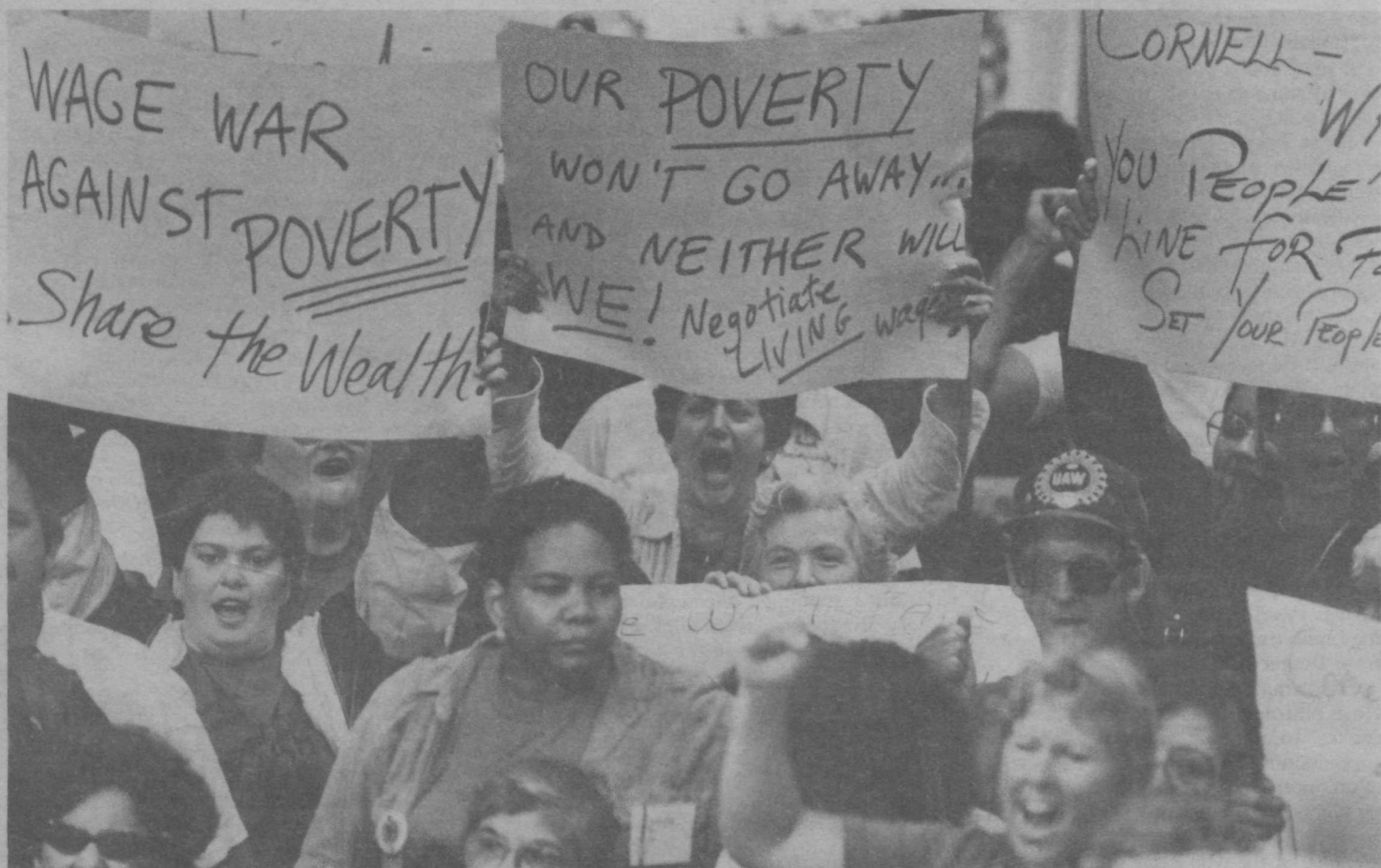
"Our membership is prepared to fight for what is fair, if necessary. However, our union has always been prepared to find peaceful and reasonable means to resolve our differences with Cornell."

One-day strike called off

The union called off a scheduled one-day strike after receiving a copy of Barbaro's letter but held noon hour rallies in front of Day Hall on July 30 and Aug. 4.

The university and the union have been negotiating wages since February. A federal mediator participated in the last five bargaining sessions.

A mediator attempts to resolve differences and persuade the two sides to reach an agreement. A fact finder hears arguments from both parties and then proposes a settlement. The two parties agree in advance whether the decision of the fact finder will



Some of the 250 people rallying in the courtyard of Day Hall July 30 to protest the university's stance in negotiations with UAW Local 2300.

Claude Levett

be binding or not.

The union contends that more than 200 employees covered by the labor contract earn less than the federal poverty level and that some Cornell pay scales are below wages paid in the SUNY system.

Letter answers charges

Lee M. Snyder, director of university human resources, replied to these charges in a letter being distributed this week to all employees covered by the union contract.

Snyder's letter said that about two dozen employees who may have a family of four or more receive less than \$11,200 annually, the federal poverty level for a family of four. He told the Cornell Chronicle that all of these workers hold entry-level positions.

He said the university offered to provide greater increases to employees on the lower end of the pay scale, but that union negotiators did not accept the proposal. Snyder

said that under the university proposal a custodian at the minimum scale, for example, would receive at least a 6.8 percent increase.

Slightly more than 40 percent of the workers are paid more than the maximum stipulated in the union contract, Snyder said.

In contrasting Cornell salaries with other schools, Snyder said the union compared the 1987 salary structure in the SUNY system with Cornell's 1986 pay scales. Cornell's 1987 schedule is the subject of the current negotiations.

Neither party has disclosed specific wage proposals.

But the university said that its offer is higher than current averages of national wage settlements, 2 to 4 percent, and essentially is the same salary pool for all of Cornell's non-academic employees.

The university said that the union is seeking salary increases which are more than triple the university's bottom line.

Rallies peaceful but noisy

The two union rallies at Day hall were peaceful but noisy with lots of shouted slogans: "Wage war against poverty," "Share the wealth," and "Our poverty won't go away—and neither will we!"

A union newspaper distributed at one rally carried a banner headline: "We need a fact finder — 'cause we ain't takin' this no more!"

About 200 to 250 people attended the first rally, including members of other unions who were attending a Cornell summer session. About 30 people participated in the second rally. A few faculty members and students joined both rallies.

— Albert E. Kaff

Briefs Continued from page 2

■ **Free course in relaxation offered to hypertensives:** A three-week class for people with high blood pressure will be offered beginning in September by Gannett Health Center Registered Nurse Mark Sammo, who is conducting a master's degree study of the effects of progressive relaxation on lowering blood pressure.

Volunteers will receive three two-hour sessions in relaxation training, followed by an individual session to assess progress. The class is supported by Cornell University Health Center and SUNY Health Science Center in Syracuse. For more information, call 844-9550 or 273-3253.

■ **Information available for travelers:** The Office of Sponsored Programs in conjunction with the Dean of Students Office has compiled a travel information file to assist Cornellians preparing to go abroad.

The file contains information under several subject headings, among them: passports, visas, customs and banking; international travel resources on campus; health issues, food and water quality; and safety issues.

■ **Extramural Study courses available:** Area residents may continue their education through extramural study by applying for admission to virtually any course the university offers. Late afternoon and evening courses are available. Registration will take place Aug. 31 and Sept. 1. Classes begin Aug. 31. For more information, call 255-4987 or write to Cornell University Extramural Study, Box 25, B12 Ives Hall.

■ **Chambers joins WSH staff:** Cheryl Chambers has been named assistant director for program development at Willard Straight Hall. Chambers, who joins Cornell from Syracuse University, will be responsible for program development, advisement to student program committees, supervision of personnel and facilities and fund raising.

■ **Advising conference to be held in October:** The 11th National Conference on Academic Advising will be held October 11-14 at Governors State University in University Park, Ill.

Conference participants will have the opportunity to share perspectives on academic advising with professionals, obtain information from national advising leaders, examine and discuss problems and solutions and learn the newest techniques in the profession.

For further information, contact the NACADA Conference Coordinator, Division of Continuing Education, Kansas State University, Manhattan, Kansas 66506, (913) 532-5575.

Clothes

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able problem of sitting on wrinkles in the garment, which can cause pressure sores, and pants can have zippers along the outer seams to aid the dressing of those paralyzed below the waist.

Atkin has designed a men's nightshirt that splits in the back when the wearer is sitting or lying down, but closes when the wearer stands, unlike the traditional and embarrassing hospital gown. Students in a Cornell course on functional clothing designed an apron with pockets marked by color and fabric for use by people with limited eyesight.

"Helen Keller once said, 'A person who is severely impaired never knows his hidden sources of strength until he is treated like a normal human being and encouraged to shape his own life,'" Atkin noted.

"Clothing to help older people and those with disabilities lead a more independent life presents that kind of opportunity."

— Mark Eyerly

Promotions Continued from page 7

neering, College of Engineering, appointed acting director of the Center for Applied Mathematics through June 30, 1988.

■ **Fu-Wen Liu**, associate professor in the Department of Pomology, College of Agriculture and Life Sciences, promoted to professor.

■ **Charles E. McCulloch**, associate professor in the Department of Plant Breeding and Biometry, College of Agriculture and Life Sciences, appointed associate chairman of the department from July 2, 1987, through June 30, 1990.

■ **John A. Muckstadt**, professor in the School of Operations Research and Industrial Engineering, College of Engineering, appointed director of the school through June 30, 1992.

■ **Alan J. Nussbaum**, associate professor in the Departments of Modern Languages and Linguistics and of Classics, College of Arts and Sciences, appointed acting chairman of the Department of Classics retroactively from May 21, 1987, through June 30, 1987, and appointed chairman through June 30, 1990.

■ **Thomas D. O'Rourke**, associate professor in the Department of Structural Engineering, College of Engineering, promoted to professor.

■ **William D. Pardee**, professor in the Department of Plant Breeding and Biometry, College of Agriculture and Life Sciences, reappointed chairman of the department through July 31.

■ **Bendicht U. Pauli**, professor in the Department of Veterinary Pathology, College of Veterinary Medicine, appointed chairman of the department retroactive from June 18, 1987, through June 30, 1992.

■ **Joe M. Regenstein**, associate professor in the Department of Poultry and Avian Sciences, College of Agriculture and Life Sciences, promoted to professor.

■ **Gerald E. Rehkugler**, professor in the Department of Agricultural Engineering, College of Agriculture and Life Sciences, reappointed chairman of the department through June 30, 1989.

■ **Richard E. Ripple**, professor in the Department of Education, College of Agriculture and Life Sciences, appointed chairman of the department through June 30, 1990.

■ **Michael Scammell**, professor in the Department of Russian Literature, College of Arts and Sciences, appointed chairman of the department through June 30, 1992.

■ **Vivienne B. Shue**, associate professor in the Department of Government, College of Arts and Sciences, appointed chairperson of the department from July 1, 1987, through June 30, 1992.

■ **Don F. Splittstosser**, professor in the Department of Food Science and Technology (Geneva), College of Agriculture and Life Sciences, reappointed chairman of the department through June 30, 1988.

■ **Robert C. Stalnaker**, professor in the Department of Philosophy, College of Arts and Sciences, appointed chairman of the department through June 30, 1988.

■ **Gray Thoron**, professor in the Law School, appointed professor of law emeritus.

■ **Ward M. Tingey**, associate professor in the Department of Entomology, College of Agriculture and Life Sciences, promoted to professor.

■ **Charles Van Loan**, associate professor in the Department of Computer Science, College of Arts and Sciences and Engineering, promoted to professor.

■ **Richard N. White**, professor in the Department of Structural Engineering, College of Engineering, appointed associate dean for university programs in the college through June 30, 1990.