

Cornell CHRONICLE

Volume 20 Number 5 September 22, 1988

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A.D. White lecture
on insect navigation

3

American
Indian
conference



7

A new
premium
ice cream



Doug Hicks

EMPLOYEE DAY OUTING — Bob Terry, a research technician in Materials Science Engineering, and his daughters Kim, left, and Karla were among the record number of employees and their families who turned out despite the rain on Saturday. More photos from Employee Day on page 8.

Rhodes suggests stronger role for department chairs

President Frank H.T. Rhodes suggested last week that the faculty consider strengthening the roles of department chairmen and program directors, and he asked all faculty members to "play a personal role in improving human relations on campus." Rhodes made the suggestions in his State of the University Address to a joint meeting of the University Faculty and the Faculty Council of Representatives on Sept. 14.

"We face in several colleges a problem of short periods of service of department chairs, and rapid turnover means that strategic thinking is not nearly as common as it used to be," Rhodes said.

At one time, department heads held "virtually a lifelong appointment," he pointed out. While shorter terms of office have been encouraged to foster new ideas, a too-rapid turnover means department heads may give insufficient attention to long-term considerations such as curriculum needs, faculty development, and student recruitment and advising, the president said. Department chairmen usually are appointed to three-year terms.

Rhodes raised the possibility of asking alumni to help raise funds to endow department chairmanships to make them more attractive positions, possibly providing "a greater measure of continuity and leadership" at the department.

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Scholars to discuss European economic alliance set for 1992

Scholars from Europe and the United States will deliver a series of lectures this autumn on the transformation of Europe into a new economic superpower.

Twelve Western European nations will merge their economies in 1992 to create a supranational organization that is expected to become the strongest economic bloc in the world.

While preserving political sovereignty, the participating nations will eliminate a number of economic barriers that now divide them. Customs and import restrictions will be removed, residents will be able to migrate more freely to other nations and a European-wide system of taxation will be developed.

To explain how member nations and the European Economic Community will manage the new alliance, scholars from Britain, Italy, France and the United States will speak at the autumn series of Einaudi Lectures arranged by the Western Societies Program.

The 1992 partnership "will require European nations to change economic policies, commercial law and business practices," said Susan Tarrow, associate director of the Western Societies Program and deputy chair of the Einaudi Chair Executive Committee. "It presents a tremendous challenge to members of the European Community, but it is not a new idea. Luigi Einaudi was

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Urethane compound in wines linked to improper storage

Cornell scientists have found that improper storage of wine can promote formation of a naturally occurring compound, ethyl carbamate, which in large amounts is known to cause cancer in mice.

Even the highest ethyl carbamate levels measured are probably too low to pose any danger to human health, but the findings indicate the need for research on how such compounds are formed and can be avoided, the scientists said.

Inga-Mai Tegmo-Larsson will report at the Los Angeles meeting of the American Chemical Society on Sept. 28 that exposing some red wines and dessert wines to extreme heat — either during processing or storage — produces varying amounts of the urethane compound, which is regulated in Canada as a suspected human carcinogen.

"Mice develop lung tumors when they are injected or fed with high concentrations of ethyl carbamate, hundreds of milligrams per kilogram of body weight," Tegmo-Larsson said in an interview. "In wines and spirits, we are talking about much smaller amounts — a few tens to a few hundreds of micrograms per kilogram. Before anyone becomes a candidate for cancer from ethyl carbamate, they would die from the effects of all the alcohol."

She emphasized that, "As of today, no scientific evidence exists to confirm any cancer risk to the consumer from alcoholic beverages containing ethyl carbamate."

However, wine with EC levels above 30 ppb (parts per billion) may not be sold in Canada, under orders of that country's

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Agriculture & Life Sciences honors innovative teachers

The College of Agriculture and Life Sciences, whose \$50 million annual research budget ranks it among the nation's top agricultural colleges, spotlighted its educational mission last week with a dinner honoring its best teachers.

"We are committed to excellence in research, teaching and extension; one does not excel to the detriment of the other two," Dean David L. Call told faculty, librarians and administrators at a dinner on Sept. 14.

"Tonight, we're putting teaching up front. Maybe we don't do it enough, but it's about time. You're up front, where you belong."

Call attributed increases in applicants to the college, a record 3,602 for the 1988-89 year, to faculty teaching accomplishments. "Most agriculture colleges are losing students," he said. "We're in a fortunate position."

Among those honored were 62 people who were participants or presenters in two week-long innovative-teaching workshops held by the college this summer and last, as well as the 59 winners of two college-based awards — the Professor of Merit Award, first presented in 1948, and the Louis and Edith Edgerton Career Teaching Award, first presented in 1980.

Nine Cornell winners of the State University of New York Chancellor's Award for Excellence in Teaching also were honored. The College of Agriculture and Life Sciences is state-supported.

Those in attendance included Louis

and Edith Edgerton, the founders of the career teaching award, and Stanley W. Warren, professor emeritus of farm management and the first winner of the Professor of Merit Award.

The third annual innovative-teaching workshop will be held next June 6 to 10 and will bring some 20 faculty together to explore teaching and learning processes, said George J. Conne-man, director of academic programs in the college.

The workshops and last week's recognition dinner aim at improving the teaching of undergraduates and emphasizing the necessity and value of excellent teaching, even at a large research university, Conne-man said.

In his remarks, Call said that the hallmarks of an outstanding teacher are personal commitment, institutional support and inquiring students.

"We have the best group of students in agriculture in the United States," Call asserted, pointing out that enrolled at Cornell are four of only 25 winners of a national scholarship contest that attracted 1,200 applicants who wanted to study agriculture.

Cornell's agriculture college is one of few in the country which encourages students to take up to half their course work elsewhere at Cornell. "We say, 'Thou will get out of here and find out what this big world's about,'" Call said. "We ensure a broad, liberal education for our students, and that's rare among agriculture colleges."

—Mark Eyerly

Briefs

■ **Blue Light volunteers:** Student, faculty and staff volunteers are being sought to staff the Blue Light Escort Service, which provides night-time accompaniment for persons walking on campus between residential halls and libraries and other locations and to Blue Light Bus stops. Those interested in volunteering should contact Public Safety Lt. Lisa A. Sprague at G-2 Barton Hall; the phone number is 255-8948.

■ **Poetry reading:** W.D. Snodgrass, visiting professor of poetry, will give a reading from his works on Sept. 26 at 8 p.m. in the Temple of Zeus in Goldwin Smith Hall. Snodgrass, who won the 1960 Pulitzer Prize for poetry for his first book, "Heart's Needle," has received wide critical acclaim for his most recent book, "Selected Poems."

■ **Lunchtime Bytes:** M. Stuart Lynn, who recently took over as head of Computer Services under the new title of vice president of information technologies, will give an overview of information technologies at the initial session this academic year of Lunchtime Bytes today in 100 Caldwell Hall. The biweekly sessions, which are held on Thursdays, are scheduled between 12:20 and 1:30 p.m. by Cornell Computer Services and are open to all members of the Cornell community. Other topics scheduled are Project SOCRATES, Oct. 6; Cornell's Conversion to VM/XA, Oct. 20; Using IBM PCs to Teach Human Resource Management, Nov. 3; Cornell University Library's Online Catalog, Nov. 17.

■ **Cornell-in-Albany:** Opportunities in Albany, particularly for undergraduate and graduate students as interns in the New York State Assembly and Senate, will be discussed in meetings here on Sept. 27 at 3 p.m. for students and at 4 p.m. for faculty and staff. Both sessions will be in 224 Malott Hall. Guest speakers will be Jeffrey Stonecash, professor-in-residence, New York State Assembly, and Russell Williams, director of student programs, New York State Senate.

■ **Rabinowitz memorial fund:** Donations may be made to the Isaac Rabinowitz Memorial Fund for the Jewish Studies Program, Office of Special Projects, Cornell University, 512 E. State St., Ithaca, N.Y. Rabinowitz, emeritus professor of Biblical and Hebrew studies, died Sept. 11.

■ **New curator:** Nancy Allyn has been appointed assistant curator of painting and sculpture at the Herbert F. Johnson Museum of Art. Allyn has held curatorial positions at the National Archives and Records Administration in Washington, D.C., the Delaware Art Museum and the National Gallery of Art. She is responsible for the permanent collection of Western art at the museum, excluding prints and photographs.



Charles Harrington

NEW GRADUATE CENTER OPENS — Graduate and professional students attend a reception last Friday marking the opening of a new center for them in Sage Hall. It has been named "The Henry" for Cornell benefactor Henry W. Sage. The center, whose director is graduate student Maurice S. Luker, will be used for social and cultural events, lectures, forums, concerts, exhibitions and meetings for graduate and professional students. It will be used as a study lounge during the day.

Notable

Sociologist William F. Whyte, professor emeritus in the New York State School of Industrial and Labor Relations, was presented the 1988 Helen and Robert Lynd Award of the American Sociological Association at its annual meeting, which was held in Atlanta, Ga., Aug. 24 through 28.

The award recognizes Whyte's lifetime contributions to urban and community sociology. Widely published in the areas of the sociology of the workplace and industrial relations and economic development, Whyte is widely known for his books "Street Corner Society" and "Learning from the Field: A Guide from Experience." His most recent book, written in collaboration with his wife Kathleen King Whyte, is

"Making Mondragon: The Growth and Dynamics of the Worker Cooperative Complex." Mondragon, a community in the Basque region of Spain, is a center of cooperatives employing nearly 20,000 workers in more than 100 worker cooperatives and supporting organizations.

A satiric musical comedy written by Philippine Foreign Secretary Raul S. Manglapus when he was a senior research associate in Cornell's Southeast Asia program from 1972 through 1974 premiered last night in this country. Manglapus wrote the words and music for "Manifest Destiny: an Evening of Yankee Panky" while an exile from the Marcos regime. The work is being

performed by an American professional cast during a four-day trial run through Sept. 24 in the theater of St. John The Divine Cathedral in New York City. The musical, which had a successful run in Manila last year, was described by Nick Joaquin of the Philippine Daily Inquirer as "utterly hilarious, an outrageous spoofing of the American adventure in the Philippines."

In one scene, Theodore Roosevelt, then secretary of the Navy, sings: "How else could slower races whose cultures are inferior/ Be blessed with all the benefits achieved by the superior?/ How else can peace be possible unless the stronger carry on/ The fight for subjugation of all the world's barbarians."

Rhodes *continued from page 1*

ment and program levels. Chairmen could then be asked to serve for longer periods and could have additional financial resources available to assist their teaching and research.

"If we're really going to work at some of the problems I've sketched out at the undergraduate and graduate levels, we've got to somehow reinforce the leadership and the role of department chairs," Rhodes said. "That's not an easy thing to do. It's not even an easy thing to get agreement on."

In his talk, Rhodes also raised the need for improving human relations on campus. The president cited as exemplary a human relations training program launched last year, in which some 500 supervisors, deans and faculty participated. He encouraged faculty to participate in the program, which includes role-playing by student actors from Theater Cornell.

While saying that he did not have a particular incident or problem in mind, Rhodes expressed concerns about racism and sexism on campus and about interaction among faculty, students and staff in asking the faculty to help "ensure that every person has the fullest opportunity to develop his or her own potential."

"We're the kind of place that wishes to acknowledge the worth and preserve the dignity of each single member of the community," he added. "We've a way to go in

working together to bring that dream about. The key ingredient is you, members of the faculty."

The past year was "a banner year in recruiting faculty members to campus," Rhodes told the faculty. He noted that 27 minority faculty had been recruited to tenure-track positions, compared to 12 minority recruits last year. He also praised two programs in the College of Engineering that brought minority high school students to campus during the summer to help prepare them for a college education in the sciences and engineering.

Of the incoming freshmen, 21.2 percent are minority students, the same percentage as last year, he added.

The president asked faculty members to contribute their views to a commission organized by Provost Robert Barker that is studying the undergraduate experience at Cornell. That group will attempt to identify "five or six major characteristics that identify a Cornell education, regardless of major," Rhodes said. Such characteristics might include "a strong foundation in writing and critical thinking and an emphasis on the linkage between the disciplinary major and the liberal arts."

Rhodes also made the following additional points during his speech:

• While having been affiliated with six different universities, "My experience of

Cornell has been of the clear superiority of the commitment to teaching. It's a source of continuing pride."

• While a record 21,765 students applied to Cornell for the 1988-89 year, the university intentionally reduced the number of students it accepted as part of an effort to trim its student population from the current 12,900 to 12,500 undergraduates, the number of students here in 1983-84 "when we felt we were handling the undergraduate population comfortably in terms of admission to courses and use of facilities."

He added that 80 percent of the students in the 1988-89 freshman class were ranked in the top 10 percent of their high school classes, up from 62 percent of the freshmen 10 years ago.

• While construction projects continue to inconvenience those using certain parts of the campus, new facilities such as the Biotechnology Building, Statler Hall, the Performing Arts Center and the Law School addition are being occupied this fall.

In his opening remarks, Walter Lynn, the new dean of the faculty, said "it is essential that the faculty play an active and central role" in resolving several issues, including the recruitment of minority faculty and faculty who are married to professionals who might have difficulty finding appropriate positions in Ithaca.

—Mark Eyerly

Cornell Chronicle

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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.

Radon levels in 11 campus buildings found to be normal

Tests in campus buildings for radon, the naturally occurring radioactive gas that can cause lung cancer, found no occupied areas with radon levels above the estimated national average for residential structures.

The Cornell Office of Environmental Health tested a representative sample of 11 office, classroom and dormitory buildings between June 1985 and September 1986 — two years before the federal Environmental Protection Agency's advisory last week, which called for widespread testing of homes. The Cornell study concluded that the lower-than-average radon levels on campus do not represent an unusual health risk.

"Compared with other parts of the country and the state, radon concentrations in the Cornell buildings we sampled were low," said Tom McGiff, university radiation safety officer. "In fact, since Cornell offices generally have better ventilation than do Ithaca homes, radon exposure may be lower at work than at home."

Most of the radon tests were conducted in basements, the most likely areas to contain radon resulting from the natural break-

down of uranium in soils and rocks. Radon may enter buildings through cracks, floor drains and other small opening and accumulate in poorly ventilated areas. Decay products of radon tend to cling to dust and smoke particles and may be deposited in the lungs, and are thought to be the second most important cause of lung cancer.

The Environmental Health Office tested air in Ives, Schurman, Sage, Morrison, Hollister and Goldwin Smith halls; the Plant Science Building; Newman Laboratory; offices at 118 and 126 Maple Ave.; and the Mary Donlon residence hall.

No occupied areas had radon concentrations above 0.72 pCi/l (picocuries per liter of air). For comparison, the federal Environmental Protection Agency's monitoring of homes across the nation found an average of about 1 pCi/l. EPA has recommended 4 pCi/l as an "action level" for improving ventilation and other remedial measures that will lower radon levels. One pCi/l corresponds to the radioactive decay of about two atoms per minute in one liter volume of air.

Only one area tested on campus, a Hol-

lister Hall mechanical room with 5.56 pCi/l, had radon concentrations above the EPA action level. Because that room is unoccupied and rarely entered, no remedial action was taken.

Other mechanical rooms and basement storage areas had radon concentrations ranging from 0.70 to 2.83 pCi/l.

The Cornell campus tests were done over long time periods, between two months and a year, using passive radon detectors with a special plastic that is etched by alpha particles emitted by radon decay. The detectors were supplied and analyzed by Terradex Inc.

Also sampled in the Cornell tests was outdoor air in three campus locations and basements of 13 private residences. Outdoor air between Ives and Uris halls had radon concentrations of 0.32 pCi/l. Forest Home Drive outdoor air tested at 0.13 pCi/l, and air in the Ives Hall courtyard had 0.17 pCi/l.

However, radon concentrations in some residences exceeded the EPA action level. One basement in Newfield had 4.69 pCi/l; one in Trumansburg had 5.16 pCi/l; and

two in Cortland averaged 21.49 pCi/l. Five Ithaca basements tested for radon averaged 3.15 pCi/l — one in Candor had 3.00 pCi/l, in Dryden 1.15 pCi/l, in King Ferry 1.70 pCi/l and in Virgil 1.45 pCi/l.

The EPA estimates that people exposed to a radon level of 1 pCi/l for a lifetime have a 3 to 13 in 1,000 chance of developing lung cancer.

The lung cancer death rate from all causes in the United States is 58 per 1,000 for all males and 14 per 1,100 for all females. Household radon is believed to cause as many as 20,000 lung cancer deaths a year in the United States.

As a public service, the Environmental Health Office reported the residence radon test results to health officials in Tompkins and six nearby counties.

Questions about radon and other pollutants on campus may be directed to the Office of Environmental Health at 255-4862. Information on radon testing in private homes with detectors from the state health department is also available from the Office of Environmental Health.

—Roger Segelken

Wine *continued from page 1*

Health Protection Branch. The U.S. Food and Drug Administration and the Distilled Spirits Council of the United States have yet to impose limits on EC, and are taking the position that the compound has not been shown to be an immediate threat to health.

Tegmo-Larsson is an organic chemist at the Agricultural Experiment Station in Geneva. The EC studies were funded by the New York Wine and Grape Foundation and Cornell, and were conducted by Tegmo-Larsson, a research associate; Terry D. Spittler, a senior research associate; and Thomas Henick-Kling, an assistant professor of food science and technology.

The Cornell study examined several suspected causes of EC formation: exposure to light, yeast, malolactic fermentation and excess heat.

The discovery of heat as the principal cause of EC formation will allow wine producers, sellers and consumers greater control over the EC content of the beverage — by keeping the wines cool — and provide government a more rational basis for regulating EC, the researchers said.

"It has always been known that heat spoils wines, especially red wines that need time to mature," Tegmo-Larsson said.

"Heat causes aromas and tastes to change. Wine should be kept at temperatures similar to those at which fermentation occurred."

"Furthermore, EC probably has been in wines ever since man learned how to make them. But it wasn't until recently that we had sensitive instruments to measure EC as low as 10 ppb," she said, noting that the Geneva laboratory is one of several in the United States certified to test EC levels in alcohol about to be exported to Canada.

Dozens of kinds of wines and distilled spirits are tested for EC at the Cornell laboratory each year.

The laboratory tested a variety of commercially available red, white and rose wines, as well as dessert wines that the winemakers had "baked" by heating and fortified wines, such as sherries.

"If you mistreat wines, if you keep them at elevated temperatures, there will be ethyl carbamate formation in some — but not all wines — and that is a mystery."

—Roger Segelken



Jill Peltzman
Inga-Mai Tegmo Larsson inspects a bottle of wine that has been stored at heated temperatures in this greenhouse at the Geneva Experiment Station. Wine stored in this condition produces cancer-causing compounds.

Swiss zoologist to give lecture on insect navigation

The University of Zurich zoologist whose studies of social insects are helping to explain cognition processes in animals, humans and computers will speak on "Insect Navigation: How Small Brains Solve Complex Tasks" on Sept. 29 at 4:30 p.m. in the Kaufmann Auditorium of Goldwin Smith Hall.

Rudiger Wehner, an A.D. White Professor-at-Large, will be making his first visit to Cornell. He also will deliver one departmental lecture, "Surviving in the Desert: Why Ants Run the Risk of Getting Overheated," on Oct. 6 at 12:30 p.m. in the Morrison Room of Corson-Mudd Halls.

Wehner is an "extraordinarily productive and articulate scholar" whose studies of insects "have been of the broadest significance," said Thomas Eisner, professor of biology and Wehner's faculty host. He called Wehner "perhaps the leading behavioral neurophysiologist in Europe" and a spellbinding lecturer "able to present the most difficult subject in language accessible to all."

The zoologist's studies of ant's brains are providing insight into the unconscious calculations that make up complex information-processing tasks, said Thomas D. Seeley, an assistant professor of neurobiology and behavior who nominated Wehner for the visiting professorship. Seeley called him a "stellar lecturer," able to stimulate the interests of a broad range of scientists.

Wehner, 48, earned a Ph.D. in zoology at the University of Frankfurt and has taught at University of Zurich since 1967.

His field studies of ants are conducted in the Sahara Desert of Africa, where insects have no landmarks to guide them and rely instead on celestial cues to navigate great distances.

In addition to Wehner, other professors-at-large visiting this fall will be philosopher Jacques Derrida (Oct. 2 to 9), historian John Heilbron (Oct. 16 to 23), biologist Harold Woolhouse (Oct. 2 to 23) and civil engineer David Billington (Nov. 1 to 10).

—Roger Segelken

Corn's importance to American Indians to be discussed

Scholars from North, Central and South America will discuss corn as a life-governing principle among indigenous peoples of the Americas at a conference on Sept. 26.

"Corn — Indian Gift to the World" is the title of the second annual Cultural Encounter conference sponsored by Cornell's American Indian Program in cooperation with the Smithsonian Institution's Office of Folklife Programs. The day-long conference will be held in 401 Warren Hall.

Corn was far more than a staple food crop for most of North and Central America, according to Charlotte Heth, director of the American Indian Program. "Sacred narratives, complete with instructions from the gods for its growth and harvesting, attest to

its religious significance," she said, adding that the conference will examine this phenomenon in relation to encounters between indigenous peoples and European settlers.

Cultural encounter is also the theme adopted by Cornell and the Smithsonian for the 500th anniversary of Christopher Columbus' landing in America, Heth said. "We consider the year 1992 to be an anniversary of the encounter between Europeans and indigenous peoples of the Americas" rather than a celebration of "discovery," she said. She added that future conferences being prepared by Cornell and the Smithsonian will deal with "Seeds of Commerce" and "Seeds of Industrialization."

Milton Barnett, professor emeritus of ru-

ral sociology and Asian studies, will open the conference speaking on "Disruption of a Subsistence Economy: Hopi and Mohave in the 1940s."

Other speakers and their topics include:

- Roderico Teni, president of the Artesianas Shchel Mayan crafts export association, Guatemala City, "Nutritional, Cosmological and Cultural Importance of Maize among Mayan Peoples."

- John Mohawk, lecturer in American Studies, State University of New York at Buffalo, "Denonville and Sullivan Campaigns — Record of Iroquois Agriculture."

- Jorge Quintana, head agronomist, Indigenous Permaculture Networking Center, Ithaca, and Jane Mt. Pleasant, assistant pro-

fessor of agronomy at Cornell, "Methods and Rationales for American Indian Agriculture."

Arturo Warman, professor in the Instituto Investigaciones Sociales, National Autonomous University, Mexico City, "Maize as Organizing Principle: How Corn Shaped Space, Time and Relationships in the New World."

Morning, afternoon and evening sessions are open to the public at no charge. The lunch session, at which John Mohawk will speak, is by reservation only and will cost \$10 per person. Reservations may be made by contacting the American Indian Program, 300 Caldwell Hall.

—Joe Leeming

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, Ithaca, NY 14850.

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

Notices should also include the subheading of the calendar in which the item should appear.

DANCE

Cornell Folkdancers

The Cornell community and general public, including beginners, are welcome to join in folkdancing. Admission is free, unless stated otherwise.

Review and request dancing, Sept. 25, 7:30-10:30 p.m., North Room, Willard Straight Hall. For more information, call: 257-3156.

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. Telephone: 255-6464.

Art Faculty Exhibition, featuring works by current and emeritus professors in the art department, including Roberto Bertioia, Stanley J. Bowman, Zevi Blum, Victor Colby, James Cole, Norman Daly, Kenneth Evett, Miriam Hitchcock, John Hartell, Victor Kord, Jean N. Locey, Elisabeth H. Meyer, Eleanore Mikus, Gregory Page, Barry Perlus, Stephen F. Poleskie, Arnold Singer, Kay WalkingStick, Jack L. Squier, W. Stanley Taft, through Nov. 12.

"Knots and Nets," featuring more than 70 works that trace the use of knots and nets from functional and ceremonial objects of the 18th, 19th and 20th centuries to contemporary art objects of unexpected form and scale, through Sept. 25. Works by well-known crafts artists Joanne Segal Brandford, Tim Harding, Diane Iiter, Rebecca Medel, John McQueen and Jane Sauer are on display.

"Media Buff.: Media Art of Buffalo, N.Y.," the eighth part in a series of exhibits by New York State artists, is devoted to contemporary video and films from Buffalo, N.Y., and was organized by Richard Herskowitz, adjunct curator of film and video at the Johnson Museum, through Nov. 12.

FILMS

There is one faculty vacancy on the Cornell Cinema Advisory Board. For an application, call 255-3522, or stop by 525 Willard Straight Hall. The deadline for applications is Sept. 28.

Films sponsored by Cornell Cinema unless otherwise noted. An (*) means an admission charge.

Thursday, 9/22

"Hypothesis of the Stolen Painting" (1978), and "Of Great Events and Ordinary People" (1979), directed by Raul Ruiz, co-sponsored by Pentangle, 8 p.m., Uris.

"Sherpa," 27 min., sponsored by the South Asia Program Film Series, 5:30 p.m., L04 Uris Library.

Friday, 9/23

"The Unbearable Lightness of Being" (1987), directed by Philip Kaufman, with Daniel Day-Lewis, Juliette Binoche and Lena Olin, 7 p.m., Uris.*

"And Now For Something Completely Different" (1971), directed by Ian MacNaughton, with The Monty Python cast, 8 p.m., Anabel Taylor.*

"Powaqqatsi" (1988), directed by Godfrey Reggio, 10:30 p.m., Uris.*

Saturday, 9/24

"The Unbearable Lightness of Being," 7 p.m., Uris.*

"Powaqqatsi," 10:30 p.m., Uris.*

"Life of Brian" (1979), directed by Terry Jones, with Terry Jones, Graham Chapman and John Cleese, 8 p.m., Uris.*

Sunday, 9/25

Video Art and a Live Performance by Tony Conrad, includes "Re-Dressing Down," and other tapes, presented and embellished by performance/video artist Tony Conrad, 2 p.m., Johnson Museum.

"The Unbearable Lightness of Being," 4:30 p.m., Uris.*

"Hoosiers" (1986), directed by David Anspaugh, with Gene Hackman, Barbara Hershey and Dennis Hopper, 8 p.m., Uris.*

Monday, 9/26

"The River's Edge" (1987), directed by Tim Hunter, with Crispin Glover, Dennis Hopper and Keanu Reeves, 8 p.m., Uris.*

Tuesday, 9/27

"The Secret Agent," Southeast Asia Film Series, 4:30 p.m., 310 Uris Library.

"Anita — Dances of Vice" (1987), with guest filmmaker Rosa Von Praunheim, directed by Rosa Von Praunheim, with Lotti Huber, Ina Blum and Mikael Honesseau, 8 p.m., Uris.*

Wednesday, 9/28

"Wild Strawberries" (1957), directed by Ingmar Bergman, with Victor Sjöström, Bibi Andersson and Ingrid Thulin, 8 p.m., Uris.*

Thursday, 9/29

"Central America: A Defiant Volcano" (1985), directed by Radio Venceremos, shown with "Cultural Insurrection" (1981), directed by Jorge Denti, co-sponsored by CUSLAR, 8 p.m., Anabel Taylor.

LECTURES

Art

Painter Jack Beal will give the first lecture in the fall 1988 Nancy G. Dickenson Visiting Artist Lecture Series on Sept. 27, 5 p.m., 115 Tjaden Hall.

East Asia Program

"Recent Chinese Scholarship on the History of Japan," De-min Tao, history, Fudan University, Sept. 26, 4:30 p.m., 230 Rockefeller Hall.

Einaudi Lectures

"Privatization, Liberalization and Deregulation of the British Economy," John Vickers, Nuffield College, Oxford, Sept. 28, 4:30 p.m., G-08 Uris Hall. Part of a series, "European Politics and Economic Change: Towards 1992."

Food and Nutrition Policy

"The International Monetary System and Nutrition," Erik Thorbecke, the H. Edward Babcock Professor of Economics and Food Economics, Sept. 27, 2 p.m., 166 Martha Van Rensselaer Hall.

Graduate Christian Forum

"The Religious Non-Neutrality of the Secular University," Richard A. Baer Jr., Sept. 23, 8:15 p.m., Hollis E. Cornell Auditorium, Goldwin Smith Hall.

Southeast Asia Program

"The Arts and Leisure of Middle Class Indonesians," Gretchen Weix, SEAP grad, anthropology, Sept. 29, 12:20 p.m., 102 West Ave. Ext.

MUSIC

Bound for Glory

Peggy Haime and the Low Down Alligator Jass Band, will perform three live sets in the Commons Coffeehouse, 8:30 p.m., 9:30 p.m., and 11:30 p.m. on Sept. 25. Bound for Glory can be heard from 8 to 11 p.m. on WVBR-FM93.

Department of Music

Mako Tanaka, a student of pianist Jonathan Shames, will give a recital on Sept. 23, 8:15 p.m., Bames Hall, featuring Mozart's "Fantasy," K. 475; Rachmaninoff's "Etude-Tableaux," Op. 39, No. 1; Chopin's "Ballade No. 4," Op. 52; and Ravel's "Gaspard de la Nuit."

The Cornell Chorus, under the direction of Susan Davenny Wyner, will present music from Hungary, England and America on Sept. 24, 4:30 p.m., Memorial Room, Willard Straight Hall.

Guest artists Gregory Mercer, tenor, and Barbara Chapman, harp, will play music of the 16th through 20th centuries on Sept. 28, 8:15 p.m., Bames Hall, including three songs by John Dowland; six songs from "Children's Hour," by Marcel Grandjany; seven songs from "A Birthday Hansel," by Benjamin Britten; "Eight Japanese Poems," by Joel Feigin; "Spanish Transcriptions for Harp," by Manuel de Falla, Enrique Granados and Eduardo Chavarri; and five songs by Stephen Foster.

CUSLAR and Friends of Nicaragua

Holly Near will sing a benefit concert for Nicaraguan and Tompkins County childcare on Sept. 20, 8 p.m., Bailey Hall. She will be accompanied by pianist John Bucchino and sign language interpreter Donna Kachites. The opener will be "The Brothers," playing African, Afro-Latin and Afro-American music. Tickets are \$9.50 in advance and \$10 at the door, available at ReBop Records, Smedley's Bookstore, Logos and Borealis; at the Commons Coffeehouse and Willard Straight Hall Box Office.

READINGS

Poet W.D. Snodgrass will read from his work on Sept. 26, 8 p.m., in the Temple of Zeus, Goldwin Smith Hall. A visiting professor of poetry this semester, Snodgrass is widely known for his poetry, as well as his translations and critical essays. His "Selected Poems" was published last year. A reception will follow.

RELIGION

Sage Chapel

Robert L. Johnson, director, University Ministries, will deliver the sermon at Sage Chapel on Sept. 25. Services begin at 11 a.m. Music will be provided by the Sage Chapel choir, under the direction of Donald R.M. Paterson.

Catholic

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

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

Christian Science

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

Episcopal (Anglican)

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

Every Tuesday, 8 a.m., morning prayer, Anabel Taylor Chapel.

Every Wednesday, 4:30-6 p.m., open house, 214 Wait Avenue.

Every Thursday, 5 p.m., evening prayer, G3A, Anabel Taylor.

Friends (Quakers)

Sunday, 10 a.m., adult discussion; 11 a.m. meeting for worship, Edwards Room, Anabel Taylor Hall.

Jewish

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

Reform Services: Friday evenings 6 p.m., Anabel Taylor Chapel.

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

Orthodox Shabbat Services: Friday evenings, Young Israel House, 106 West Avenue.

Korean Church

Every Sunday, 1 p.m. Anabel Taylor Chapel.

Muslim

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

Protestant

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

Baptist Campus Ministry (SBC): Every Saturday, 7 p.m., in the Forum, Anabel Taylor Hall.

Zen Buddhism

Zazen meditation: Tuesdays at 7 p.m. and Thursdays at 5:10 p.m. in the chapel or the Edwards Room, Anabel Taylor Hall. For more information or to arrange beginner's instruction, phone Ian Dobson, 347-4303.

SEMINARS

Agronomy

"Project Ezra: Teaching by Microcomputer," a demonstration, Ralph L. Obendorf, Sept. 27, 4 p.m., 135 Emerson Hall.

Applied Mathematics

"A Class of Inequalities in Mechanics," James N. Flavin, U.C. Galway, Ireland, Sept. 23, 4 p.m., 322 Sage Hall.

Astronomy & Space Sciences

"Evolution of the Interstellar Medium," Leo Blitz, University of Maryland, Sept. 22, 4:30 p.m., 105 Space Sciences.

"Gravitational Lens Optics," Roger Blandford, Caltech, Sept. 29, 4:30 p.m., 105 Space Sciences.

Atomic & Solid State Physics:

Solid State Seminar

Title to be announced, James Sauls, Northwestern University, Sept. 27, 4:30 p.m., 700 Clark Hall.

Atomic & Solid State Physics:

Theory Seminar

"Some Physical Problems in Electro-Chemistry," Thomas Halsey, University of Chicago, Sept. 22, 1:15 p.m., 701-702 Clark Hall.

Title to be announced, Karen Rabe, AT&T Bell Laboratories, Sept. 29, 1:15 p.m., 701-702 Clark Hall.

Biophysics

"Diffusion of Interacting Membrane Proteins: Generalization of the Fluid-Mosaic Model," James Abney, biophysics and medical physics, University of California, Berkeley, Sept. 28, 4:30 p.m., 700 Clark Hall.

Chemical Engineering

"Progress in the Numerical Simulations of Visco-elastic Flows," Anthony Beris, chemical engineering, University of Delaware, Sept. 27, 4:15 p.m., 145 Olin Hall.

Chemistry

"Platinum Anticancer Drugs: How Might They Work?" Stephan J. Lippard, M.I.T., Sept. 22, 4:40 p.m., 119 Baker. General chemistry colloquium listing.

Title to be announced, Craig Wilcox, University of Pittsburgh, Sept. 26, 4:40 p.m., 119 Baker. Organic chemistry seminar.

"Applications of Metal NMR in Bioinorganic and Organometallic Chemistry," Dieter Rehder, Universität Hamburg, Sept. 29, 4:40 p.m., 119 Baker. General chemistry colloquium.

Computer Services (Lunchtime Bytes)

"From Computing to Information Technologies," M. Stuart Lynn, vice president, Information Technologies, Sept. 22, 12:20 p.m., 100 Caldwell Hall.



Harpist Barbara Chapman and tenor Gregory Mercer will perform music of the 16th through 20th centuries on Sept. 28, at 8:15 p.m., in Barnes Hall auditorium.

Ecology and Systematics
 "Threat-Sensitivity During Predator-Prey Interactions in Reef Fish: Every Form of Refuge Has Its Price," Eugene S. Helfman, zoology, University of Georgia, Sept. 28, 4:30 p.m., Morrison Seminar Room, A106 Corson/Mudd Hall.

Electrical Engineering
 "An Algorithmically Specialized Multi-process (MOSAIC)," Douglas Wood, ESL Inc., Sept. 27, 4:30 p.m., 219 Phillips Hall.

Entomology
 "Biological Control of the Cottony-Cushion Scale: Field Tests of the Spatial Density Dependence Hypothesis," Kristjan Thorarinsson, zoology, Penn State University, Sept. 26, 4 p.m., Morrison Room, A106 Corson/Mudd Hall.

Horticulture and Ornamental Horticulture
 "The Cornell Campus: Temporary Paradise?" John Ullberg, landscape architect, Cornell, Sept. 22, 12:15 p.m., 404 Plant Science.
 "Land Use Planning on Small Caribbean Islands," Kathy Wolf, landscape architect, Trowbridge and Trowbridge, Sept. 29, 12:15 p.m., 404 Plant Science.

Food Science and Technology
 "Predictive Growth of *Listeria monocytogenes* in Modified Atmosphere Packaged Raw Poultry," Linda Wimpfheimer, food science, Sept. 27, 4:30 p.m., 204 Stocking Hall.

Geological Sciences
 "Mechanics of Seismic Coupling, with Special Reference to Subduction Zones," Christopher Scholz, Lamont-Doherty Geological Observatory, Sept. 27, 4:30 p.m., 1120 Snee Hall.
 "Structure of the Lower Crust of Australia," Larry Brown, geological sciences, Sept. 29, 4:30 p.m., 1120 Snee Hall.

History and Philosophy of Science and Technology
 "From Stained Glass and Blue Skies to Surfaces: Enhanced Raman Scattering," Milton Koker, the Thomas S. Clarkson Professor of Chemistry, Clarkson University, Sept. 28, 4:30 p.m., 165 McGraw Hall.
 "Is the History of Science Compatible with the New Historicism in the Philosophy of Science?" Steve Fuller, Philosophy Center for Study of Science in Society, Virginia Polytechnic Institute, Sept. 29, 4:30 p.m., 365 McGraw Hall.

International Legal Studies
 "Thinking Globally About the Environment," Henry Shue, director, Cornell Ethics and Public Life Program, Sept. 27, 4 p.m., Classroom D Myron Taylor.

International Nutrition
 "Experience with Drought and Development in India: Suggestions for a New Approach," P.R. Dubhashi, visiting fellow, Cornell Rural Development Committee and South Asia Program, Sept. 22, 12:40 p.m., Flora Rose Room, 200 Savage Hall.
 "Adapting Nutritional Surveillance to Local Needs: Lessons from the Mealy Bug Disaster in Malawi," David Pelletier, Cornell Food and Nutrition Policy Program, Sept. 29, 12:40 p.m., Flora Rose Room, 200 Savage Hall.

Mechanical & Aerospace Engineering
 "Elastic Plastic Fracture Mechanics of Surface Cracked Plates," David Parks, M.I.T., Sept. 27, 4:30 p.m., 282 Grumman Hall.

Mechanical & Aerospace Engineering, Manufacturing Engineering
 "Just-in-Time Manufacturing — A Competitive Edge," Horst J. Simon, NCR Corp., Sept. 22, 4:30 p.m., B14 Hollister Hall.
 "Employee Involvement to Manufacturing Excellence," Ted Olt, Nichols Homeshield Inc., Sept. 29, 4:30 p.m., B14 Hollister Hall.

Microbiology
 "Molecular Analysis of Streptococcal Conjugation," Gary Dunny, microbiology, immunology and parasitology, Vet College, Sept. 26, noon, G-3 Vet Research Tower.

Near Eastern Studies
 "Freud and the Catholic Church," Ritchie Robertson, Sept. 29, noon, 374 Rockefeller Hall. Brown bag lunch, co-sponsored by Western Societies Program.

Neurobiology & Behavior
 "Low Frequency Acoustic Communication in Elephants," Katy Payne and Bill Langbauer, Lab of Ornithology, Sept. 22, 12:30 p.m., Morison Seminar Room, Seeley G. Mudd Hall.
 Title to be announced, K. Eduard Linsenmair, Zoological Institute III, University of Wurzburg, Sept. 27, 12:30 p.m., Morison Seminar Room, Seeley G. Mudd Hall.
 "Neurobehavioral Aspects of Hearing in the Barn Owl," Andrew Moiseff, physiology, University of Connecticut, Sept. 29, 12:30 p.m., Morison Seminar Room, Seeley G. Mudd Hall.

Nutrition
 "Changes in Calcium and Vitamin D Metabolism with Age," H.J. Armbrrecht, medicine & biochemistry, St. Louis, Mo., VA Hospital, Sept. 26, 4:30 p.m., 100 Savage Hall.

Ornithology
 "A Remembrance of Fuertes," Frederick Marcham, the Goldwin Smith Professor of English History Emeritus, Sept. 26, 7:45 p.m., Laboratory of Ornithology, 159 Sapsucker Woods Road.

Pomology
 "Effect of Cultural Practices and Storage Conditions on the Canning Quality of Light Red Kidney Beans (*Phaseolus vulgaris* L)," Arlyn Forney, vegetable crops, Sept. 22, 4:30 p.m., Whetzel Seminar Room, 404 Plant Science Bldg.
 "The Future of Horticultural Science," Jules Janick, the James Troop Distinguished Professor of Horticulture, Purdue University, Sept. 29, 4:30 p.m., Whetzel Seminar Room, 404 Plant Science Bldg.

Psychology
 Title to be announced, Herbert H. Clark, Stanford University, Sept. 23, 3:30 p.m., 202 Uris Hall.

Rural Sociology
 "Currents of Change in Sociology," William V. D'Antonio, executive officer, American Sociological Association, Sept. 23, 3:30 p.m., 32 Warren Hall.
 "Nicaragua's Land Reform and Its Impact on Women: A Review," Julie Zimmerman, Sept. 28, 12:15 p.m., 32 Warren Hall.

Science, Technology & Society
 First discussion of: Paul Taylor, "Respect for Nature," Sept. 26, 12:15 p.m., 609 Clark Hall. Brown-bag lunch, co-sponsored by the Program on Ethics and Public Life.

South Asia Program
 "Language Switching in Novels of Bombay Gang Life: A Socio-Linguistic Analysis," Peter Hook, linguistics, visiting professor from the University of Michigan, Ann Arbor, Sept. 28, noon, 153 Uris Hall. Brown-bag lunch.

Stability, Transition and Turbulence
 "Instability of a Viscous Fluid Sheet," L. Hocking, University College, London, Sept. 27, 1 p.m., 282 Grumman Hall.

Statistics
 "Subjective Hierarchical Bayes Estimation," James Berger, statistics, Purdue University, Sept. 26, 3:30 p.m., 100 Caldwell Hall.
 Title to be announced, Douglas Simpson, statistics, University of Illinois, Sept. 28, 3:30 p.m., 100 Caldwell Hall.

Textiles and Apparel
 "Opportunities for the Human Ecologist in the Toy Industry," Nancy K. Harrington, Mattel Toys, Sept. 27, 12:20 p.m., 317 Van Rensselaer Hall.

Theoretical and Applied Mechanics
 "The Dynamics of Orbit-Orbit Resonances in the Uranian Satellite System," Renu Malhotra, Sept. 28, 4:30 p.m., 205 Thurston Hall.

Western Societies Program
 "The Theory of Cultural Legitimacy and the Practice of Everyday Life," Claude Grignon (EHESS & INRA), Sept. 23, 12:15 p.m., 153 Uris Hall.
 "Comparative Labor History: Immigrant Worker in the Parisian and New York Garment Industries, 1880-1980," Nancy Green (EHESS), Sept. 26, 4:30 p.m., 217 Ives Hall or G-08 Uris Hall.
 "Privatization, Liberalization and Deregulation of the British Economy," John Vickers, Nuffield College, Oxford, Sept. 28, 4:30 p.m., G-08 Uris Hall.

SYMPOSIA

American Indian Program
 "Corn — Indian Gift to the World," Cornell's second annual conference on Native American themes looking to the year 1992 as an observance of the encounter between Europeans and indigenous Americans, rather than a celebration of "discovery," Sept. 26, 401 Warren Hall.
 "Disruption of a Subsistence Economy: Hopi and Mohave in the 1940s," Milton Barnett, professor emeritus of rural sociology and Asian studies; "Nutritional, Cosmological and Cultural Importance of Maize among Mayan Peoples," Rod-

erico Teni, Artesianas Shchel, Guatemala City; "Denonville and Sullivan Campaigns — Record of Iroquois Agriculture," John Mohawk, American Studies, SUNY at Buffalo; "Methods and Rationales for American Indian Agricultures," Jorge Quintana, Indigenous Permaculture Networking Center, Ithaca, and Jane Mt. Pleasant, Cornell agronomy department; "Maize as Organizing Principle: How Corn Shaped Space, Time and Relationships in the New World," Arturo Warman, Instituto Investigaciones Sociales, UNAM, Mexico.

Cornell Real Estate Conference
 "Affordable Housing," this year's topic for the annual conference of real estate developers, investors, managers, architects and other real estate professionals, open to interested students, Sept. 23-24.
 "Low Income Housing — The Challenge to the Private and Non-Profit Sectors," Sept. 23, 9:30-11:30 a.m., Bache Auditorium, Malott Hall; "State and Local Housing Innovations in the National Context," Sept. 23., 1:15-2 p.m., Memorial Room, Willard Straight Hall; "Making Moderate Housing Moderate," Sept. 23, 2:20-4 p.m., Bache Auditorium, Malott Hall; "Student Housing Discussions," Sept. 24, 9 a.m., Clark Hall Room 700.

MISC

Christian Science Monitor Research Files
 The Christian Science Monitor research files will be available in the Willard Straight Lobby on Sept. 28 and 29 from 10 a.m. to 4 p.m. The files contain free up-to-the-minute newspaper articles on more than 150 topics useful for writing papers, preparing speeches, studying for exams, etc.

Cornell Badminton Club
 Meetings will be held Wednesdays 4:30-6:30 p.m.; Fridays 7:30-9:30 p.m.; Saturdays 11 am-1 p.m. at the Henry St. John gym, located at the Clinton and Geneva streets. For more information call David Sagan 255-0918 or Bill Smith 2272-3594.

Cornell Gay Men's Association
 The Gay Men's Association holds a discussion meeting each Wednesday from 7:15 to approx. 9:30 p.m. in Loft II, Willard Straight Hall. Discussion topics include: coming out to parents and people on the job, friendships with heterosexual men, gay parenting, long-term relationships, safe sex, and being gay and religious. For further information, call the Gay, Lesbian and Bisexual Coalition office at 255-6482.

Hebrew Speaking Club
 Hebrew Speaking Club meets Tuesdays, 8:15-9:30 p.m., in G-34 Anabel Taylor Hall.

Intramural Broomstick Polo
 Deadline on entries is today at 4 p.m. in the intramural office, Helen Newman Hall. Straight elimination tournament: five to enter, three makes a team. One team per organization. Entry fee of \$20 per team due with roster to enter before deadline.

Olin Library
 Olin Library Research Seminars: Olin Library reference department will offer a research seminar for faculty and graduate students covering Union Card Catalogs, the online catalog, COMPASS (Computer Assisted Search Service), subject search strategies, reference materials and interlibrary services, Sept. 28 at 7 p.m. To register, stop by the reference desk or telephone 255-4144.

Government Document Seminar on the organization, use and location of U.S. Government publications: Sept. 29 at 1 p.m. To register, stop by the reference desk or telephone 255-4144.

Waste Watchers
 Waste Watchers is an advocacy group of Cornell faculty, staff and students working towards a university-wide recycling program. All are welcome. The next meeting is Sept. 27 at 5 p.m. at Ecology House on Triphammer Road across from Jessup Field. For more information contact Lucy Gagliardo at 277-3044 during the day or at 539-6313 after 6 p.m.

Writing Workshop
 Writing workshop walk-in service: free tutorial instruction in writing. Monday-Thursday, 3:30-5:30 p.m. and 7-10 p.m. and Sunday 2-8 p.m., 174 Rockefeller Hall; Sunday-Thursday, 10 p.m.-midnight, 340 Goldwin Smith; Sunday-Thursday, 8-11 p.m., Noyes Center, Browsing Library; and Sunday-Thursday, 8-11 p.m., Clara Dickson Hall, Computer Room.

Job Opportunities

September 22, 1988
Number 36
Office of Human Resources
Cornell University
160 Day Hall
Ithaca, New York 14853-2801

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

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

-Interviews are conducted by appointment only.

-Send cover letters & resumes to Staffing Services, 160 Day Hall, Cornell University, Ithaca, NY 14853.

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

-Requests for referral &/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. Terminals are situated in main lobbies of Day Hall & Gannett Clinic, & the Olin, Mann & ILR Libraries.

-DEPTS.-Deadline for submission is noon on Thursday for following week's Job Opportunities.

-Minimum salaries listed are for recruitment purposes only.

-S=Statutory; E=Endowed

Administrative and Professional

MECHANICAL ENGINEER (PA3601) Facilities Engineering-E

Prep. designs, cost estimates, proposal requests, drawings, specs. & construction documents for maint., repair & alteration projects related to campus utility plants & distribution systems. Mng. utility plant & distribution systems capital construction. Provide engr. support to mech. systems w/in campus bldgs.

Req.: BS in mech. engr. or equiv. req. Prof. engr. lic. desir. MS pref. 4-5 yrs. exp. as mech. engr. Demonstrated track record of problem solving innovations, able to access physically restrictive areas. Valid driver's lic. req. Letter & resume to Cynthia Smithbower.

HEAD WRESTLING COACH (PA3603) Athletics-E

Under direction of Assoc. Athletic Dir., mng. Div. I Wrestling Program. Plan, organize & supervise all practices, team mtgs. & games. Recruit student athletes to CU in accordance w/ Ivy League & Univ. policies. Teach Phys. Ed. classes.

Req.: BS in phys. ed. or related field. Min. 3-5 yrs. previous exp. coaching wrestling at collegiate level. Letter & resume to Cynthia Smithbower.

DIR. OF ENGINEERING ADMISSIONS (PA3602) Engineering Admissions/Undergrad. Affairs-E

Provide leadership for college's undergrad. engr. program; resp. for design, development & implementation of short & long-range plans to recruit, select & enroll qualified students to engr. undergrad. degree program.

Req.: BS, MS pref. Plus 5 yrs. related exp. in admissions & related activities. Outstanding comm. skills, ability to interact effectively w/ prospective students, alumni, univ. personnel & gen'l. community. Possess understanding of engr. profession, market research & info. systems. Letter & resume to Cynthia Smithbower by 10/20.

RESEARCH SUPPORT SPEC. III (PT3616) Plasma Studies-E

Electrical engr. in charge of documentation & testing of satellite experiment. Technical interface between CU researchers & NASA's Goddard Space Flight Center.

Req.: BS or equiv. in engr. or sci., MS pref. Significant EE coursework. 3-4 yrs. related exp. Some field exp. at NASA launch site. Able to effectively interact w/all technical levels. Letter & resume to Judi Baker by 10/7.

RESEARCH SUPPORT SPEC. II (PT3610) Ag & Bio Engineering-S

Mng. projects in composting of yard waste, sludge & other organic waste. Develop planning & org. skills req. 3-5 yrs. fund raising exp. incl. working w/volunteers. Letter & resume to Cynthia Smithbower by 9/30.

Req.: MS or equiv. exp. 2-3 yrs. exp. in planning, engr. or related field in environmental mgmt. Letter & resume to Judi Baker by 10/7.

PHARMACIST I (PT3613) Vet. Medical Teaching Hosp.-S

Resp. for operations of Small Animal Clinic. Assist in operation of College of Vet. Med. Pharmacies.

Req.: BS, pharmacy, NYS licensed Pharmacist. 2 yrs. related exp. pref. Letter & resume to Judi Baker by 10/7.

RESEARCH SUPPORT SPEC. III (PT2805) Vet. Pathology-S

Mng. daily operations of Cancer Cell Bio. Lab Tissue Culture Unit; participate in long range planning & execution of research activities.

Req.: BS, MS pref. Exp. & proficiency in tissue culture techniques (maint. & transfer of cells, mass cell culture, prep. & analysis of defined media for optimal growth conditions); primary resp. incl. establishment of normal endothelial cells & fibroblasts, maint. of tumor cells, performance of proliferation, cytotoxicity, adhesion & invasion assays, cloning & propagation of hybridomas for production of monoclonal antibodies & maint. & daily operation of high standard cell culture unit. Letter & resume to Judi Baker.

ADMIN. SUPERVISOR I (PC2712) Copy Centers-E

Coord. daily operations of 5 quick Copy Ctrs., 1 Mailing Ctr. & supv. employees.

Req.: AS in graphic arts or BS in busn. Valid motor vehicle operator's lic. Min. 2 yrs. supv. exp. of 3+ employees. Exc. org. & interper. skills. Some microcomputer exp. helpful. Letter & resume to Esther Smith.

FACILITY DIRECTOR (PT3517) Biotechnology-E

Resp. for operation of Biotech. Computer Facility consisting of 3 graphics work stations using UNIX operating system, various microvax configurations. Admin. resp. incl. budgeting, user fee scheduling, etc.

Req.: BS computer sci., engr., physical sci. or bio. sci. Adv. degree pref. 5-7 yrs. mgmt. incl. mainframe, network (eg. Ethernet), optics & computer graphics. Letter & resume to Judi Baker by 9/30.

FACILITY DIRECTOR (PT3516) Biotechnology-E

Dir., Operations of Biotech. Program: Flow Cytometry Facility/Video Microscopy/Fluorescence Imaging facility. Admin. duties incl. establishing user fees & schedules, budgeting, supv., etc.

Req.: BS physical sci. or bio. sci. MS strongly pref. Working knowl. of specialized equip. used. 3-5 yrs. related lab exp. w/demonstrated ability to self direct & manage a user facility. Letter & resume to Judi Baker by 9/30.

SYSTEMS ANALYST III (PT3513) DL-Quality Milk Promotion Svcs.-S

Analyze, design, develop, implement & document computer applications for Quality Milk Promotion Svcs. in a network & micro or multi-tasking environ. having components or inter-relationships w/other hardware & software systems. Diagnose & correct production systems software problems. Work w/staff to analyze project data.

Req.: BA or equiv. 3-5 yrs. exp. req. Stat. exp. desir. Min. 1-2 yrs. exp. in analytical/problem solving, exp. w/micros. Strong bkgnd. & knowl. of Dbase III+ req. Exp. in editing existing Dbase III+ program. Strong interper. & comm. skills. Knowl. of word processors, utility programs, MS DOS operating system & IBM compatibles. Letter & resume to Judi Baker by 9/30.

MANAGER OF HOUSEKEEPING SERVICES (PA3509) Residence Life-West Campus Area-E

Resp. for mgmt. of housekeeping functions w/in residential area. Direct personnel aspects of area housekeeping staff. Coord. quality assurance, purchasing & inventory for supplies, furnishings & contract svcs. Assist in planning, budget development & analysis.

Req.: BS or equiv. 3-4 yrs. exp. in supv., trng. & institut'l. housekeeping. Exc. admin., interper., written/oral comm., human resource develop. skills essential. Familiar w/Mac, IBM PC pref. Letter & resume to Cynthia Smithbower by 9/30.

PERSONNEL ASSOCIATE (PA3501) Academic Personnel Office-E

Assist in processing academic appt. forms & in administering academic personnel policies/procedures. Shared resp. for maintaining academic personnel info. systems. Prep. academic personnel recommendations for Trustee approval & related duties.

Req.: BA/BS or equiv. pref. in busn./human resource admin. 1-2 yrs. related exp. Strong interper. & comm. (written/oral) skills; able to work independ. & handle confidential matters a must. Knowl. of Mac SE & familiar w/CU's admin. operations pref. Letter & resume to Cynthia Smithbower by 9/30.

ACCOUNTING MANAGER Student Management Corporation

Asst. Financial Dir. in areas of budgeting, acctg. payable, financial reports & bookkeeping for CU Fraternities & Sororities.

Req.: AAS in acctg. or busn. 1-2 yrs. exp. in admin. & busn. mgmt. pref. Strong org. & verbal comm. skills, knowl. of computer systems. Letter & resume to Student Management Corporation, ATTN: Personnel, Box 3, Willard Straight Hall, Cornell University, Ithaca, NY 14853.

DIR. OF DEVELOPMENT, COLLEGE OF VETERINARY MEDICINE (PA2105) Veterinary Administration-S

Manage daily College development activities incl. Veterinary Annual Fund. Initiate approaches to corporations, foundations & individuals. Will be liaison w/various CU offices & college advisory committees.

Req.: BA/BS Exc. comm. (oral/written) & org. skills req. 3-5 yrs. fund raising exp. incl. working w/volunteers. Letter & resume to Cynthia Smithbower by 9/30.

Clerical

REGULAR EMPLOYEES Submit employee transfer application, resume & cover letter. Career counseling interviews available by appt.

EXTERNAL APPLICANTS Mail employment application & resume to 160 Day Hall. Interviews conducted at Staffing Services, East Hill Plaza by appt. only. Qualified applicants are contacted after materials are reviewed.

CASHIER, GR15 (G3610) Dining-E

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. Min. Biweekly: \$429.01

OFFICE ASST., GR16 (C3602) Health Services-E

Schedule appts.; direct patients; answer gen'l. questions regarding Health Svcs.

Req.: H.S. dip. or equiv. Nursing or med. bkgnd. pref. Must be able to work in high pressure atmosphere & comm. w/all patients on a 1-to-1 level. Min. Biweekly: \$448.50

INTERLIBRARY SERVICES ASST., GR16 (C3613) Olin Library-E

Under dir. of Admin. Supv. for Interlibrary Lending, prep. loaned & borrowed mat'ls. for shipping; discharge rtd. mat'ls.; compile stats.; resp. for overdue, renewals & recalls. Search interlibrary loan requests. Mon.-Th., 8-5; Fri., 8-4.

Req.: H.S. dip. or equiv., some college bkgnd. Min. 6 months-1 yr. related exp. Org.

skills. Able to work w/foreign lang. Lt. typing. Min. Biweekly: \$448.50

INTERLIBRARY SERVICES ASST., GR16 (C3612) Olin Library-E

Under dir. of Admin. Supv. for Lending, prep. mat'l. for photocopying; locate articles & verify bibliographic info.; process completed photocopy; maintain photocopy files, compile stats. & page microfilms for loan approval. Mon.-Th., 8-5; Fri., 8-4.

Req.: H.S. dip. or equiv., come college bkgnd. Min. 6 months-1 yr. related exp. Able to work w/foreign lang. Aptitude for detailed work. Lt. typing. Min. Biweekly: \$448.50

OFFICE ASST., GR16 (C3611) Dining-E

Provide receipt./sec. support to Dining's central office.

Req.: H.S. dip. or equiv. Min. 6 months-1 yr. related clerical exp. Exceptional interper. skills. PC/WP exp. helpful. Lt. typing. Min. Biweekly: \$448.50

SECRETARY, GR17 (C3601) Residence Life-E

Assist in maintaining central off. Type; answer phones; maintain off. supply inventory, equip.; comm. w/public as needed.

Req.: H.S. dip. or equiv. Min. 1 yr. sec. exp. pref. Good comm., org. & interper. skills. Med. typing. Min. Biweekly: \$467.98

SECRETARY, GR18 (C2513) Mann Library-S

Provide admin. support for 9 public svcs. librarians. Maintain reference & index collection of 17,000 volumes, oversee info. asst. in maint. of collections & gen'l. off. work.

Req.: H.S. dip. or equiv. Able to work w/wide variety of people in public svcs. capacity. WP skills essential. Familiar w/IBM-PC &/or Mac desir. Able to set priorities & work independ. Org. & interper. skills essential. Med. typing. Min. Biweekly: \$444.35

OFFICE ASST., GR18 (C1823) Hotel Admin./Computer Svcs.-E

Perform operator activities on a WANG VS 100 computer system & provide clerical/sec. assistance to Dir., Computer Svcs. Assist system operator in providing support to users, both Hotel School & Statler Inn. 1 yr. appt.

Req.: H.S. dip. or equiv. Knowl. or exp. w/computer hardware. Exp. w/WP. Org., interper. & comm. skills. Good typing skills. Min. Biweekly: \$487.50

OFFICE ASST., GR18 (C3608) Transportation Svcs.-E

Accurately transmit info. concerning parking & traffic to CU community. Conduct transactions for effective implementation of CU policies regarding parking, traffic & circ. on Ithaca campus.

Req.: H.S. dip. or equiv. Min. 1-2 yrs. gen'l. off. or sales exp. Knowl. of data entry, work w/mainframe & microcomputer applications & programs. Lt. typing. Min. Biweekly: \$487.50

SR. CIRC./RESERVE ASST., GR18 (C3617) Mann Library-S

Asst. Circ. Student Supv. w/gen'l. supv. of student assts. associated w/Periodicals Room maint., photocopy svcs. & table of contents svcs. Mng. unit's holds & recalls function. Tues.-Fri., 8-5; Mon., 8-4; Mon., 12-9 once/mo.; some Sats.

Req.: AAS req., Min. 1 yr. related exp. Strong interper. skills & org. ability. Min. Biweekly: \$444.35

OFFICE ASST., GR18 (C3609) Agricultural Economics-S

Handle program's phone comm. Deal w/variety of people at all levels via phone & letter. Help students in need of course counseling; process "special" monthly billing acctg. & distribute materials. Some filing.

Req.: H.S. dip. or equiv. Some college coursework pref. Min. 1 yr. related exp. Req. Exc. writing & phone, computer (Mac) skills req. Some acctg. exp. helpful. Gen'l. knowl. of off. procedures. Med. typing. Min. Biweekly: \$444.35

SR. DEPT. ASST., GR18 (C3023) Public Svcs./Law Library-E

Under gen'l. supv. resp. for operation of A-V Ctr. Maintain microfilm collection; aid patrons in locating, reading or copying desired materials. Asst. patrons using PC's & other equip., control open reserve materials. Familiar w/other A-V media. Mechanical aptitude helpful.

Req.: AAS or equiv. Knowl. of PC's. Familiar w/WP software, especially Wordperfect. Good org. skills. Able to work w/variety of people in public svcs. setting. Min. Biweekly: \$487.50

ADMIN. AIDE, GR19 (C3308) Univ. Development-E

Provide sec., admin. & off. mgmt. support for comm./mktg. group. Job tracking control, WP, mng. newsletter circ., maintain publications & reference material inventory, coord. printing & photography, some bookkeeping. M-F, 8:30-5.

Req.: H.S. dip. or equiv. 2 yrs. exp. Exc. org. skills. Exc. interper., comm. & proofreading skills. WP exp. w/Mac. Able to establish & implement good off. mgmt. systems. Willingness to learn desk top publish. Med. typing. Min. Biweekly: \$510.90

ACCTS. ASST., GR19 (C3603) JGSM-E

Provide all levels of operat'l. support for JGSM Computing Svcs. Dept.; finance & acctg.; purchasing; staff support.

Req.: AAS in sec. sci. or busn. or equiv. exp. pref. 1-2 yrs. related work exp. Knowl. of basic acctg. & purchasing procedures helpful. Med. typing. Min. Biweekly: \$510.90

RESEARCH AIDE, GR19 (C3607) English-E

Research Afro-American periodicals using libr. reference materials; coord. & maintain interlib. loans orders from project bibliography. Edit & index periodicals from project bibliography.

Req.: AAS or equiv. Adv. degree in Eng. pref. Min. 1-2 yrs. exp. in Afro-American history & literature a plus. Prof. some lib. research exp.; editorial exp. helpful. Lt. typing. Min. Biweekly: \$510.90

SECRETARY, GR19 (C3517) Chemical Engineering-E

Provide academic & research related sec. & admin. support. Type tech. (equations) materials; oversee completion & submission of proposals; schedule appts.; coord. mtgs.; arrange travel; maintain files; answer phones; act as backup for busn. off. operations.

Req.: AAS or equiv. Min. 2 yrs. sec. exp. req. Exc. comm., org. & interper. skills essential. IBM/Mac PC exp. desir. Heavy typing. Min. Biweekly: \$510.90

ADMINISTRATIVE AIDE, GR19 (C3503) Animal Science-S

Provide wide range of admin., sec. & computer support to 7 Pro-Dairy staff for on & off campus personnel. Establish, maintain work schedules, org. admin. needs for active Ext. project.

Req.: H.S. dip.; AAS pref. Min. 1 yr. admin./sec. exp. Strong org. & interper. skills. Med. typing. Min. Biweekly: \$470.81

SECRETARY, GR20 (C3606) NYC Cooperative Ext.-S

Provide sec. support to program leader & staff of Nutrition & Health & Youth Development programs. Develop & prepare corresp., memos, proposals, reports, educat'l. mat'ls.; file, duplicate & collate materials; coord. mailing lists, budget ledgers maint.

Req.: AAS or equiv. Min. 2 yrs. sec. exp. Knowl. of WP & software pkgs. Able to work w/figures & prioritize work. Med. typing. Min. Biweekly: \$496.71

SECRETARY, GR20 (C3616) Public Affairs Reg'l. Off., Wayne PA-E

Type corresp., forms, vouchers & other materials. Keep records & file maint.; receipt, support, handle mtgs. & travel arrangements. Phone & personal contact w/alumni & volunteers. Special projects as needed.

Req.: AAS or equiv. Min. 2-3 yrs. sec./admin. exp. Strong org., interper. & comm. skills. Able to work independ. Computer exp. nec. Min. Biweekly: \$534.30

ADMIN. AIDE, GR20 (C3615) Public Affairs Reg'l. Off.-E

Provide admin. & sec. support for Dir., Reg'l. Off. & Dir. College/Unit Public Affairs. Make travel arrangements; schedule appts.; coord. mtgs.; maintain files; act as backup for busn. off. operation.

Req.: AAS or equiv. Min. 2-3 yrs. admin./sec. exp. Strong org. & interper. skills. Computer exp. w/Mac SE. Med. typing. Min. Biweekly: \$534.30

OFFICE ASST., GR20 (C3518) Rural Sociology-S

Resp. for typing & editing all dept. requisitions/purchase orders, vouchers, etc.; p/r clerk; purchase & distribute off. supplies; type & compose memos & letters; supv. work study person(s); back up for other off. staff as needed.

Req.: AAS or equiv. 2 yrs. exp. Computer exp. w/Lotus & MS Word. Familiar w/CU acctg. & personnel systems desir. Med. typing. Min. Biweekly: \$496.71

ACCTS. COORD., GR21 (C3520) Biotechnology-E

Provide admin. support to Directors of 5 biotech. research facilities, budgeting, acctg., user scheduling & billing, grant applications, etc.

Req.: AAS or equiv. in acctg. pref. Min. 2 yrs. related exp. w/CU acctg. systems req. Knowl. of IBM PC or Mac desir. Lt. typing. Min. Biweekly: \$557.70

ADMIN. AIDE, GR21 (C3614) Computer Graphics-E

As facility receipt, prep. coursework; coord. travel/conference arrangements; perform editorial duties. Maintain personnel files. Typing. Student interaction. Special projects as assigned.

Req.: AAS or equiv. Min. 2-3 yrs. related exp. Accurate typing. Strong org., interper. & comm. skills. Able to work independ. & meet multiple deadlines. Editorial exp. pref. Sec. exp. w/transcription. Computer/WP req. Heavy typing. Min. Biweekly: \$557.70

ACCTS. COORD., GR24 (C3604) Restricted Fund Acctg.-S

Monitor financial activity of Restricted acctg. Prep. & submit billings to sponsors; monitor receivables, corresp. w/Sponsors & CU comm. Support acctg. system to auditors.

Req.: AAS; BA in acctg., busn. or related field pref. Min. 3-4 yrs. exp. req. Knowl. of Symphony or Lotus 123 spreadsheet pkg. Strong acctg. bkgnd. req. Familiar w/CU acctg. system pref. Min. Biweekly: \$625.39

General Service

CUSTODIAN, SO02 (G3601) Residence Life-E

Provide gen'l. custodial care of bldgs. & grounds in assigned area. Mon.-Thur., 7:30 a.m.-4 p.m.; Fri. 7:30 a.m.-3 p.m.

Req.: H.S. dip. or equiv. Able to operate variety of heavy power equip., lift 50 lbs. & climb an 8 ft. ladder. Basic reading & writing skills. Daily contact w/students. Min. hourly: \$5.75

DAIRY WORKER, SO05 (T3617) Animal Sci.-S

Mix rations & feed dairy cattle using computerized system. Maintain & repair feed handling equip. Assist other production & research areas. Some wknds. & holidays.

Req.: H.S. dip. or equiv. Class 5 NYS driver's lic. 2-3 yrs. related exp. Able to lift 100 lbs. Pre-employment physical req. Apply by 9/30. Min. hourly: \$6.39

SALES ASST., GR16 (G2806) Campus Store-E

Provide customer svcs. incl.: answer customer inquiries; assist w/Mac computer & printer usage; provide copy svcs.; operate computerized cash register; stock merchandise; lt. cleaning & eve. store lock-up.

Req.: H.S. dip. or equiv. Min. 6 months retail exp. req. Mac computer/printer & large vol. copier exp. essential. Exc. interper. & comm. skills. Letter & resume to Esther Smith. Min. Biweekly: \$448.50

SALES ASST., GR17 (G2805) Campus Store-E

Provide customer svcs. in Photography dept. Demonstrate electronic equip. & recommend accessories; assist in maint. of photofinishing svcs. (some CRT work), inventory control & oversee student staff; stock shelves, operate computerized cash register. Some Sat. & eves.

Req.: H.S. dip. or equiv. Min. 1-2 yrs. related retail exp. Knowl. of cameras, accessories & photofinishing req. Strong interper. & comm. skills a must. Letter & resume to Esther Smith. Min. Biweekly: \$468.00

UNIV. SERVICE OFFICER, GR02 (G3503) Public Safety-E

Resp. for prevention & detection of criminal behavior; external & internal patrol of Univ. property within assigned area for fire, safety & crime hazards; enforcement of parking regulations on campus.

Req.: H.S. dip. or equiv. Formal ed., trng. or exp. in law enforcement field pref. Satisfactory completion of basic Univ. Service Officer trng. U.S. citizenship; eyesight 20-40 corrected to 20-20; no record of convictions other than minor traffic infractions. NYS driver's lic.; able to obtain NYS pistol permit within 90 days of employment. Must pass physical exam. Letter & resume to Esther Smith. Min. hourly: \$6.75

Technical

TECHNICAL ASST., GR17 (T3614, T3615) Natural Resources-S

Assist in weekly limnological field collections, analyze biological samples, org. lab & perform chemical analysis on water samples, assist in lab & field experiments. Summarize & enter data into microcomputer. Location: Bridgeport, NY.

Req.: AAS, bio., nat'l. resources, etc., BS pref. Limnology coursework desir. Computer skills nec. Apply by 9/30. Min. Biweekly: \$421.91

ANIMAL TECHNICIAN, GR18 (T3608) Physiology-S

Participate

New flavor of premium ice cream named for ice-cream-loving dean

Food science researchers have surprised their ice-cream-loving dean by combining two of his favorite flavors into a new treat and naming it after him.

During a College of Agriculture and Life Sciences alumni reunion party after last Saturday's Princeton-Cornell football game, Professor John W. Sherbon made an announcement that surprised Dean David L. Call: The Department of Food Science had developed Call's Cookie Cream and Custard as the first of a new line of premium ice cream to sell at the Cornell Dairy Store.

"We had confidentially learned from Dean Call's family that the dean likes those two particular flavors — cookies and cream and custard, or French vanilla," Food Science Chairman Richard A. Ledford said in an interview.

As Call was giving the new flavor a taste test on Saturday, he was asked how he liked the ice cream. He beamed and replied, "It's super. It's too good." Then he confessed, "I like all ice cream."

David P. Brown, an extension associate in dairy technology who came up with the new ice cream formula, said that, to his knowledge, no other ice cream combines these two flavors.

Ice cream is labelled as standard, premium or superpremium according to how much butterfat and air it contains. "The more butterfat

and the less air, the richer the ice cream becomes," Brown explained.

"Air fluffs up the ice cream, making it scoopable," he continued, adding that, without air, the mixture of ice cream ingredients becomes a solid block of ice.

The amount of air whipped into standard ice cream usually runs between 80 to 100 percent of the ingredients' original volume, while butterfat content ranges from 10 to 12 percent by volume.

Premium ice creams contain 16 percent butterfat, while the amount of air goes down to 35 to 40 percent of the ingredients' original volume.

In superpremium ice creams, the butterfat level goes up to as much as 18 percent, with the amount of air reduced to 20 percent of the ingredients' original volume.

"Growth of premium and superpremium ice creams has been explosive over the past few years," Brown noted.

The dairy plant in the Department of Food Science makes 40 to 50 different ice cream flavors over the course of a year, 16 to 18 of which are available at any given time. The milk used in ice cream production comes from dairy animals maintained at Cornell for academic purposes.

—Yong H. Kim



Jill Peltzman

Dean David L. Call tastes the new premium quality ice cream named for him, Call's Cookie Cream and Custard, at an alumni party last Saturday.



Graduate Bulletin

Course changes: The deadline for changing grade options, credit hours, and dropping courses is Oct. 21. A \$10 late fee is charged for any change after this date. A course dropped after Oct. 21 will appear on transcripts with a "W" (withdrawn) unless the course instructor and committee chairperson recommend, prior to final exams, that the "W" be deleted.

Fellowship applications: Many fellowships have fall deadlines for 1989-90. Consult the Fellowship Notebook, available on CUINFO (under "Academic" and "Grad" headings), at Graduate Field Offices, and at the Fellowships and Financial Aid Office in Sage Graduate Center.

National Science Foundation graduate fellowships and National Science Foundation minority graduate fellowships: Applicants for these three-year awards must be U.S. citizens and incoming students in the biological, physical or social sciences. Applications available in September or early October.

Hertz graduate fellowship: Available to graduate students who are U.S. citizens (or applying for citizenship) in the applied physical sciences. Applications available, deadline is Nov. 1.

Jacob K. Javits fellows program: For students in the arts, humanities and social sciences, renewable fellowships open to doctoral students who have completed not more than 20 graduate credits at the time of application and are U.S. citizens. March deadline; applications available in January.



GENEVA OPEN HOUSE — Alan Lakso, professor of horticultural sciences, describes the work of the "electronic apple tree," wired to monitor productivity, growth rate and vigor, during the annual Open House at the Agricultural Experiment Station in Geneva on Sept. 9-10. Guests took self-guided tours of the facility's farms and fields and eyed nearly 100 exhibits, including ones about plum breeding, New York State offspring of European wine grape vines, and understanding and managing agricultural pests.

Einaudi *continued from page 1*

advocating European economic integration in 1920."

Einaudi was the first president of the Republic of Italy, and his son, Mario Einaudi, is the Goldwin Smith Professor of Government Emeritus. The lecture series comprises part of Cornell's Luigi Einaudi Program.

Entitled "European Politics and Economic Change: Towards 1992," the series will present the following lectures:

- Sept. 28 — John Vickers of Nuffield College, Oxford University, "Privatization, Liberalization and Deregulation of the British Economy."

- Oct. 10 — Joseph Weiler, University of Michigan Law School, "Law, Politics and the European Economic Community."

- Oct. 19 — Patrizio Bianchi, University of Bologna, "The Italian Economy Adjusting to 1992."

- Nov. 2 — Michel Bauer, Centre National de la Recherche Scientifique of Paris, "France and 1992: Problems and Perspectives."

- Nov. 16 — James Sharpe, Nuffield College, Oxford, "The State of the State in

Western Europe."

Each lecture will be held in Room G-08 of Uris Hall, starting at 4:30 p.m.

On Sept. 14, Vincent Wright, who is the Einaudi Professor here during the current academic year, delivered the first lecture in the series, "France After the Elections." Wright is from Nuffield College, Oxford.

—Albert E. Kaff

Recycle this paper

along with other newsprint, computer print-out, colored and white paper.

Barton Blotter: Acquaintance rape reported

A Cornell student reported to the Department of Public Safety that she was raped by a male Cornell student she knows but refused to sign a complaint necessary for further action, according to the morning reports of the department for Sept. 12 through 18 and Safety Lt. Randall H. Hausner.

Two persons were referred to the judicial administrator; one was charged with forgery and the other was charged with failure to comply. Two Ithaca men were ar-

rested on charges of disorderly conduct and resisting arrest in separate incidents.

There were 13 thefts reported on campus, with losses in cash and valuables set at \$1,269. Total losses were estimated at \$440 in the six thefts involving wallets, including one in which a wallet with \$239 in cash and valuables was reported taken from a table in Willard Straight Hall.

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

Garden Avenue near Barton Hall closed

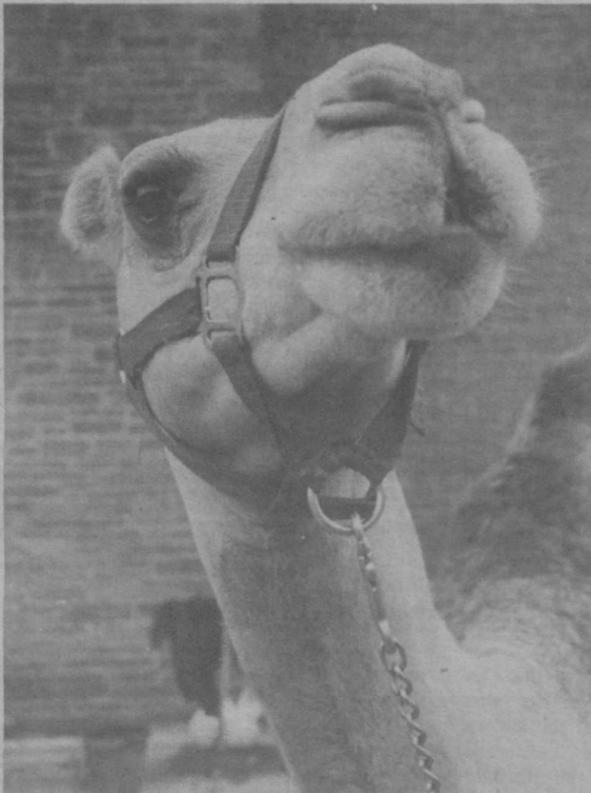
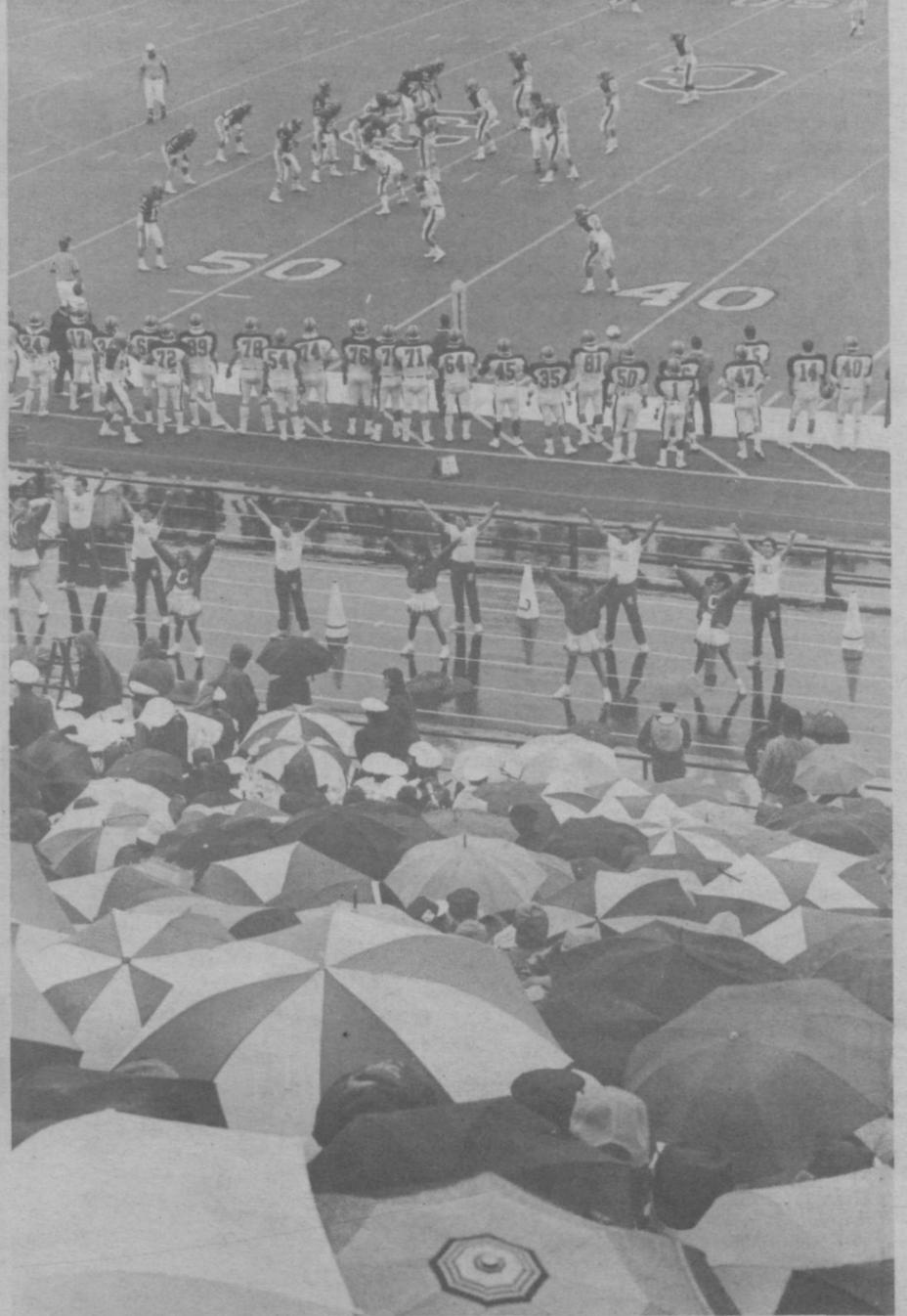
The short stretch of Garden Avenue along the south side of Barton Hall from Campus Road to Schoellkopf Drive is closed for construction through the middle of October. There is one-way traffic to the Lynah/Teagle parking lot traveling south on Garden Avenue and then east along Schoellkopf Drive. Exit from the lots is east through Kite Hill.

The regular A-B Bus routes have been

changed slightly. Buses going down Tower Road from the B Lot continue past Garden Avenue to East Avenue, where they turn right near a temporary bus stop at the northeast corner of East Avenue and Tower Road.

Buses from the A Lot going along East Avenue turn left onto Tower Road in front of Stimson Hall, where a temporary bus stop has been installed.

Record number attend Employee Day



(Clockwise from upper right)

WET WEATHER — The rain was off and on and the umbrellas were up and down at Saturday's season opener against Princeton. A record number of tickets — about 2,600 — for the football game and chicken barbecue were bought by Cornell employees and their families. Princeton won the game, 26-17.

HALL OF FAMER — Charles H. Alberding, Class of '23, takes part in halftime ceremonies. On Friday, he was inducted into the Cornell Athletic Hall of Fame in tribute to his years as a soccer, baseball and basketball player.

WALK A MILE — Ozzie, a two-year-old camel who came from a game farm in Maine, arrived at the College of Veterinary Medicine with a broken rear leg. Now repaired, he will remain property of the Vet School but will live on a farm owned by one of the faculty veterinarians.

LIVE FROM NEW YORK — Myrna Manners, assistant director for public affairs at New York Hospital-Cornell Medical Center in New York City, and Jack Berezov, public affairs assistant editor, who were among more than 100 staff members from the Medical College who came up for the day on two chartered buses.

BALLOON GIVE-AWAY — Pat Paul, director of telecommunications, hands out balloons in Barton Hall.

Photos by Doug Hicks



Two-day conference set for volunteer leaders of Cooperative Extension

Health care for the elderly, the link between diet and cancer, and Cornell's program to help schoolchildren understand how the agriculture and food system works will be among topics discussed when some 90 volunteer leaders of Cornell Cooperative Extension in New York State visit the campus today and tomorrow.

They will attend the two-day event, dubbed "A Campus Experience for County Volunteers," to learn how Cornell supports the statewide extension system with a broad

range of campus research activities and resources.

The leaders represent some 50,000 extension volunteers who work throughout the state to help the Cornell Cooperative Extension system set up public service programs to meet the needs of individuals, families and communities.

"Volunteers are extremely important to the Cooperative Extension system," noted Sidney C. Cleveland, assistant director of Cornell Cooperative Extension.

Also to be covered at the conference are adolescent competence, career issues with youth, family financial management, housing access and affordability, land use planning, policy education for families, and research projects dealing with animal science, agricultural engineering, crop production, integrated pest management, turf and ornamental horticulture, water resources and quality, and waste management. Tours of research facilities on campus will be given.

Lucinda A. Noble, director of Cornell

Cooperative Extension, will offer welcoming remarks at 11:45 a.m. today at the Ithaca Sheraton Inn. In the evening, top administrators, including the deans of the College of Agriculture and Life Sciences and of the College of Human Ecology, will discuss the mission, research priorities and program issues of the two colleges, according to the program coordinator, Carl R. Pearce, Cornell Cooperative Extension representative.

—Yong H. Kim

Networking

A Cornell Newsletter Published by Employees for Employees

Volume 9, Number 9

Thursday, September 22, 1988

Employee Day 1988: The Biggest and Best One Yet!

By George Peter

The 14th annual Employee Day was the biggest and best one yet. We say this every year and every year it is true. It is made to come true by a fantastic Employee Day committee. Many of the committee members have served year after year because they believe in the importance of Employee Day. And every year some new members come aboard to bring fresh ideas and a different touch.

Top this off with volunteers who represent a cross section of the campus, including chief administrators and retirees, and you have the making for an always successful and always fun party. This year President Frank Rhodes was abroad but his wife, Rosa, was in her usual spot serving chicken. Provost Barker, Sr. Vice President Morley and his wife Betsey, and several others led the list of volunteers who rolled up their sleeves and helped serve the dinners.

Two bus loads of employees from the Medical College in New York and from the Cooperative Extension across the state helped swell the ranks to 2,650 -- the largest crowd ever for Employee Day. Last year the figure was 2,200. There seemed to be more and better displays which created a more festive atmosphere. It's hard to tell which department had the best display. They were all excellent. Telecommunications perhaps had the largest. The Safety Division always has an excellent display as does Plantations and many others. The real live camel -- Ozzie -- from the Vet College was a great hit. Looking at it reminds us of the statement that a camel is a horse designed by a committee. But they are cute.

Thanks go to the Big Red Band. Their concert in Barton after the game always livens things up. Compare it to the 23 piece band of Princeton and you are awed. The Cornell Jazz Ensemble was an excellent addition this year. They played from 3:30 until practically all but the clean up crew had vacated Barton.

Hats off to the Athletic Department for providing the Big Red hats. It kept some rain off for the first quarter of the game and added color to the event.

Hats off also to Dwight Widger who, as the employee-elected trustee, chairs the committee.

Employee Day is sponsored by the Employee Elected Trustee, the Office of Human Resources, the Employee Assembly, the Department of Athletics, with special thanks to Care of Buildings, CU Transit, and Public Safety.



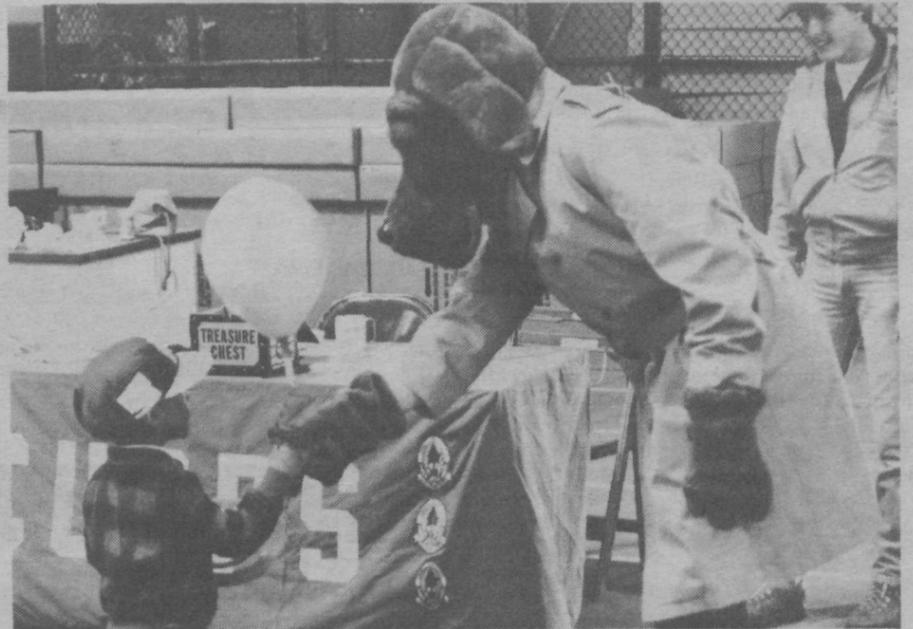
Many of the Assembly members were among the volunteers who serve on the committee and who with the party. Laurie Roberts and Susan Boedicker represented the Office of Human Resources and Pete Mariano was liaison with the Athletic Department. Their help is always invaluable to the success of the affair.

Employee Day was started 14 years ago as a gesture by the administration to remind employees that they are appreciated and also to proclaim that every individual is important to the operation of a university.

Originally, it took some convincing that this was an important thing to do. Some were afraid that it would be viewed as a "Mickey Mouse" thing and could turn off employees. Time and events have proven otherwise.

Some were afraid that symbolic gestures were not enough. Again time and events have proven that symbolism helps to lead to real change.

Employee Day is a symbolic gesture to



show that the administration does appreciate the efforts of employees. But it is much more than that. Employee Day is a time to celebrate the 7,000 plus nonacademic employees and the 1,550 faculty

who make up this great university. Last Saturday 2,650 employees and family members came to participate in the celebration. Next year Barton may not be big enough.

Balancing Work and Family: The Flextime Option

By Theresa Vander Horn

"Flextime" is a work schedule option about which the American public is hearing more and more. As we shift from discussing the child care crisis to solving it, individuals are beginning to take a hard look at work options they hadn't previously considered.

While many employers in the country are just learning about flextime, Cornell has offered this option for some time. Still, little information, lack of models to follow, and failure to take the initiative have kept many people from utilizing a work option that can be extremely helpful in balancing work and family responsibilities.

Using the flextime option, an employee arranges with his or her supervisor to work a regular working day on a schedule which deviates from the normal 8:00-4:30 hours. The degree of variation depends on the agreement worked out by the employee and supervisor, considering the employee's request and the business needs of the office.

Alternate work plans such as reduced

hours (less than 39 hours per week) and job-shares are different options which also provide flexibility for the working parent.

Advantages for Supervisor and Employee

There are advantages to flextime for both employee and supervisor. For employees, particularly working mothers, who continue to carry the brunt of family care responsibilities, flextime can be invaluable in meeting family responsibilities which impinge on standard working hours. For the manager who grants flextime, the return may be measured in terms of increased productivity, higher morale and lowered absenteeism. There may be benefits of increased productivity, higher morale and lowered absenteeism. There may be benefits to the outside community as well: flextime was first introduced in Germany to cut down on rush hour traffic. That may be of interest to employees who traverse the octopus daily!

In an article appearing in "Psychology Today" in 1987, author Holly Hall re-

ports that "in a review of flextime studies... it was found that more than 3-4ths reported reductions in absenteeism. ...Flextime seems to be particularly helpful to married women and mothers, whose family responsibilities traditionally result in high absenteeism. It can also reduce absenteeism in two other rapidly growing groups, single-parent and dual-career families... While women in these two situations had higher absenteeism rates than men when both worked fixed schedules, the rates were about the same when flextime schedules were used." "Significant reductions were found in both sick leave down 12% and annual leave down 25% during the nine months after alternate work schedules were introduced in a federal government agency" of some 500 employees.

Ms. Debra Cox, administrative manager in Human Development and Family Studies, considers flextime an important benefit for women in the work force. "Because our population base is becoming increasingly older on average, we need to be concerned more generally about

'working caregivers.' The role of caregiver has traditionally been shouldered by women, and the care of the elderly will add to the stress of the working woman in the 1990s and beyond." This comment reflects not only the growing concern in the United States over "Who is caring for Baby?" but also over "Who is caring for Grandmā?"

Ms. Cox took the initiative in introducing flextime "by identifying the positive effect flextime could have for faculty, administrators, and support staff alike." She uses flextime to relieve "some of the stress felt by staff ... due to the general rigidity of support staff schedules." Groundwork had to be laid first. "I think we are often caught up in notions of why a new idea won't work rather than concentrating our efforts to assure it will work." Ms. Cox carefully considered possible obstacles in advance and working with all those affected by flextime to arrive at a flextime plan that works for everyone. And while some employees find

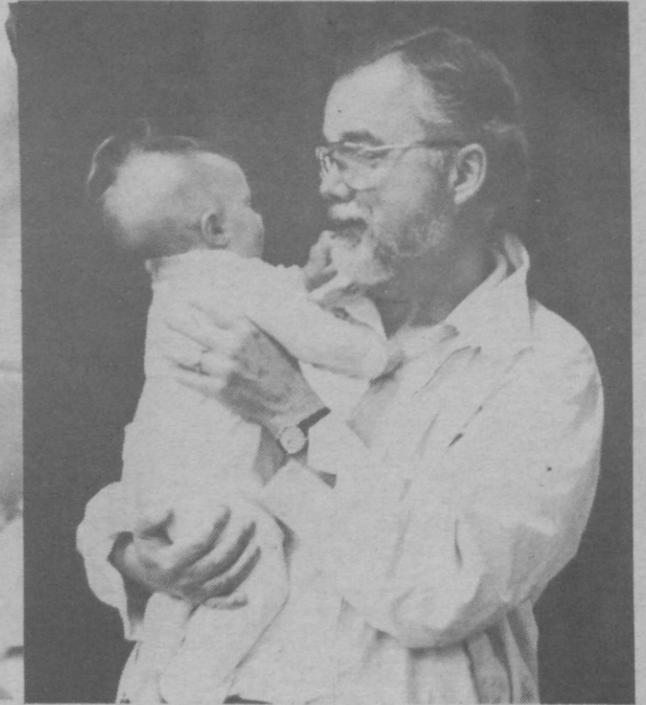
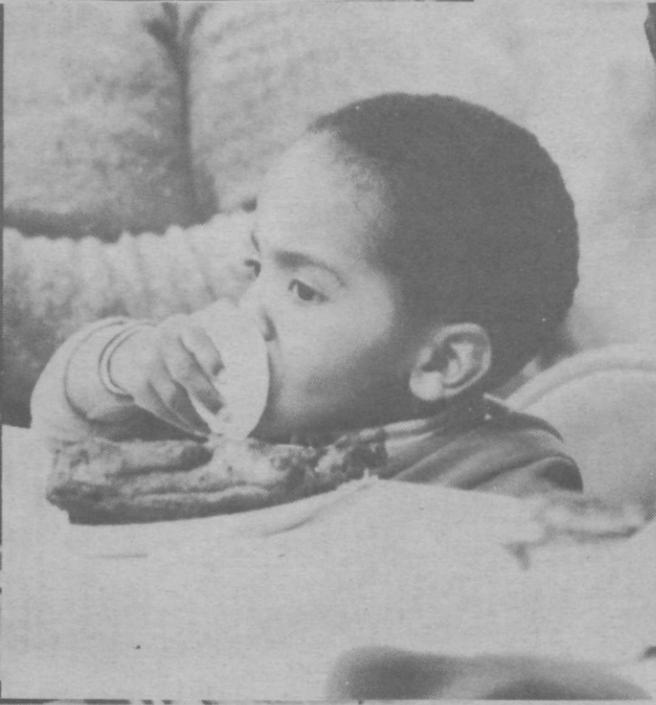
Continued on page 4

Employee Day 1988: The B



ggest and Best One Yet!

Photos by Susan Boedicker and Doug Hicks



Many Thanks to All

Many many thanks to the following who volunteered time and energy to make the 14th Annual Employee Day one of the best ever.

Volunteers

- Roz Arsenault
- Betty Bagnardi
- Robert Barker
- Cleo Bash
- Joyce Beckley
- Brian Beebe
- James Beebe
- Bob Carlisle
- Neff Casaburri
- Jane Ciciarelli
- Marge Swiercz Clark
- Preston Clark
- Hal Craft
- Tom Devlin
- Anna Donahue
- Ellie Doty
- Pat Dougherty
- Mick Ellis
- Penny Evans
- Deb Graves
- Kim Graves
- Anita Harris
- Joycelyn Hart
- Joan Heffernan
- Marion Howe
- Roderick Howe
- George Huxel
- Steve Johnson
- Kurt Kabelac
- Ruth Kane
- Keith Kennedy
- Karen Leska
- Joe Lomax
- Stuart Lynn
- Walter Lynn
- Dot Messenger
- Anna Moratz
- Betsey Morley
- Jay Morley
- Susan Murphy
- Gloria Peter
- Lynn Pond
- Peggy J. Reynolds
- Rosa Rhodes

- Melissa Roberts
- John Seacord
- Margaret Seacord
- Marge Sharpsteen
- Aubryn Sidle
- Lee Snyder
- Davide Stewart
- Luella Sullivan
- Gerry Thomas
- Terri Tower
- Pete Tufford
- Alga Vose
- Michelle Widger
- David Yeh

Exhibitors

- Office of Equal Opportunity,
- United Way
- Center for Performing Arts
- Campus Store
- Division of Nutritional Sciences
- Department of Telecommunications
- Public Safety
- Cornell Recreation Club
- Division of Campus Life
- Department of Residence Life
- Cornell University Press
- Plantations
- Media Services-Satellite Services
- Veterinary College
- Life Safety
- Computer Services

Committee

- Janet Beebe
- Susan Boedicker
- Steve Haner
- Pete Mariano
- Dick Mooney
- George Peter
- Ted Pless
- Laurie Roberts
- Suzanne Sager
- George Sutfin
- Donna Updike
- Judy Vandermark
- Dominique Versage
- Donna Vose
- Dwight Widger

Unclassified Ads

Unclassified Ads Address Change

Please send all unclassified ads to Networking Unclassifieds, Humphreys Service Building

1. Please send all unclassified ads through Campus Mail ONLY to Networking Unclassifieds, Humphreys Service Building, (hand delivered ads will be omitted) - no phone calls please.
2. For our information your name and campus phone number MUST be submitted with ads, otherwise your ad will be omitted.
3. All unclassified ads are free of charge to Cornell faculty, staff and students and will be printed in the order received as space permits.
4. Please limit your ad to 30 words or less. Any ad longer than 30 words may be shortened by the Networking staff.
5. Unclassified ads are for nonbusiness purposes only.
6. The deadline for the October 6th issue is September 26th.
7. If an error appears in your ad, please resubmit the ad to be published in next available Networking.
8. Please submit an ad for each issue that the ad should appear in.

For Sale

- 1988 Toyota, 7k miles, like new cond. \$6,500, assume payments. 387-3411.
- 1986 Nissan 200SX, AM-FM cassette with equalizer and 5 speakers, power windows, sun roof, cruise, 5-spd, new brakes, new muffler, keyless entry system, \$7,500. Barb 5-7456 before 4pm or 692-4216 after 5pm.
- 1983 Ford Thunderbird, loaded with options, clean, no rust, asking \$4,800. 273-2989 after 5pm.
- 1982 Granada, \$2,000 OBO. 1977 Granada, \$500; very nice horse drawn carriage, \$1,500. 898-3596.
- 1980 Mercury Marquis, full-sized power, 81k miles.

Flextime Option

Continued from page 1
flextime an option they can't consider (employees who rely on car pooling, for example) the level of staff support has been high. "Some of us will be able to take advantage of it and others won't, but that doesn't mean it shouldn't be offered."

Ms. Cox uses work study students to help cover lunch and break times, occasionally sitting at a secretary's desk herself, which has been an "eye-opening" experience. Flextime has not increased her supervisory role, though, "since the modified schedules have not resulted in shifts."

"In general, nonexempt support staff

perfect, asking \$2,300, make reasonable offer. Erik 5-4863 or 273-0597 eves.

1979 Jeep pickup, 4WD, recent NYS inspection, new brakes, 92k, decent cond. \$1,000. 5-7855 or 257-2318 eves.

1978 Honda motor scooter, "Express," 55cc, only 19k mi, garaged for 8 yrs, \$250 OBO. Ian 5-1786 or 387-5312 eves and wknds.

1973 Cadillac Calais, \$500 OBO, 4-dr automatic, 272-3054 after 5pm or 5-5650 Bonnie.

1973 Chevy Vega, 63k, lots new parts, rusting, moving abroad, asking \$300. 257-1719 after 4pm.

Winter radials P175-80R13, used 1-2 winter season. \$65; USA Stratocaster elec guitar with velvet-lined case, \$500, single daybed, can be separated for two, \$15; men's lrg firefighter coat, \$5; 7 ft traverse rod, \$3; exercise bike, \$30; ceramic clown lamp, \$7. Jackie 5-4547 days or 533-4576 eves.

Okidata 92 printer, \$235. 533-4706 eves.

Apple II Plus, 64K, disk drive, monitor, \$350; Epson PX-8 portable computer, 128K, modem, cables, \$375; Tandy DMP-200 dot matrix printer, \$150. Craig 5-3276 or 257-6519 eves.

KORG DW 6000 synthesizer, \$490 plus., 272-9476 after 1pm or 5-6364 8-12.

Snow tires, 2, almost new bias ply, used 2 mos, mounted and balanced on Chevette rims, \$50; XC skis, boots, poles, for - 8 yr old child, \$35 or exchange for lrger. Ian 5-1786 or 387-5312 eves and wknds.

Bunk bed, complete, used 2 wks, \$200; exercise rowing machine, \$75. 5-7996 days or 273-7934 eves.

Sofa and loveseat (will sell separately), bdrm furniture, 16 cu ft upright freezer, all in very good cond. 273-9060 or 387-3697 after 6pm.

Stove, airtight Fisher type wood burning heating stove in exc cond, 8" flue, takes 22" wood, \$200. 844-8102 after 6pm.

Moving sale: 3 chairs, \$10; table, \$30; B&W TV, \$30; desk lamp, \$5; mattress, \$15; telephones, \$5 each. Rade 5-8963 home 257-4415.

Greenhouse, heavy-duty commercial, one 17 1/2'x28 1/2' with glass, \$550; 32'x52' no glass, just structure, \$250. 546-9861

Gas tank, 150 gal, with pump, \$100 offer. 564-9375.

Cedar posts, 8 1/2' long x 4" and up, \$1.65 and up. 546-9861.

Chest freezer, 13.2 cu ft, Sears Coldspot, old but works fine, too big for us, \$100. 257-6458 or 5-2747.

55-gal oak wine barrels, used, great for planters, whole \$10, half \$5. 387-9619 after 6pm.

Ladies 3-spd English bicycle, wire baskets included, \$75; TV, 9" B&W Sony, \$45. Barbara 5-2691.

Frost-free refrigerator, good working cond. \$100. OBO; contemporary sofa, 81, drk blue with sectional, \$150. OBO; small dinette set, \$50. 272-9150 eves.

Beige insulated curtains 48"x84", \$13 ea; white curtains 72"x84", \$10 ea; curtain rods with rings up to

84", up to 130" \$15; lrg play-pen, \$40; portable bassinet, \$25; stair-kitchen gates, \$5; plants, \$5-15. 257-5675.

South Hill 3 bdrm ranch, cathedral ceilings, fireplace, skylights, wrap around deck with views of valley, garage, appliances, low 90's. 277-0014.

Mobile home, 14x70 3 bdrm, quiet location in park 5-10 min from CU, older home in great shape, new furnace (less than a yr), 257-4820 after 5pm.

AKC registered Golden Retriever pups, exc lines, champion sire, all health clearances, good for show, home and field. 539-7205 after 6pm.

English Angora bunnies, 8 wks old, solid and agouti, registered parents, good wood producers, make good pets; German Angora doe, exc wood producer, reasonably priced to good home; also English and German Angora wool for spinning. 533-4767.

Reg Appaloosa Mare, 4 yrs, 14.3 hands, English-Western, good on trails, exc 4-H prospect; Reg Appaloosa Gelding, 3 yrs, 15 hand, Green Broke. 607-532-8346 after 5pm.

Handsome matched pr Chestnut geldings, 14-2 hands, moving well under saddle, \$725 each-\$1,400 pr with term avail; yearling Thoroughbred colt, well-mannered, quiet, seal brown color with star, \$355. 564-9375.

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don't work unsupervised for more than one hour a day." Ms. Cox says that "flex-time boosts morale by giving the employee a sense of control over his or her working conditions and a feeling of being treated in a more professional manner," and she believes absenteeism and productivity have been positively affected as well.

Trust and Morale
"There is no question that morale is much higher after the introduction of flextime," says Ms. Marianne Marsh, administrative manager for the English Department. She feels that providing flexibility helps staff escape the need to take too many days here and there, improving the already good attendance record in her

organizations, I will not be giving again this year."

It is the policy of the United Way to protect the privacy of the donor. In no instances will donor information be released by the United Way to designated organizations unless explicitly requested by the donor in writing. When you make a special designation and wish to receive acknowledgment, please state so on the donor designation card.

"Isn't a big campaign like the United Way's expensive?"

No. The United Way combines the efficiency of volunteers with the economy of one drive to support many local agencies and services. The United Way is proud that its fundraising and year-round administration costs are among the lowest in the nation, less than 15%.

"Stop taking the people that collect for the United Way out to dinner and then you may get my help."

Volunteer pep rallies and celebrations with a cost associated are paid for by the individual volunteer, donations from private sponsors or the employer of the volunteer.

Remember, the 1988-89 Cornell Employees' United Way Campaign begins on Friday, September 30. We urge you to read the brochure and take a moment to consider how this year, all of us together can make a difference the United Way.

department. Productivity has increased from flextime "mainly because we have no interruptions" in the very early and very late part of the work day.

Ms. Marsh, who just began using flex-time this summer, considered offering flextime "as a way to get work done at a time when no one else is in the office and a way for employees to deal