

Cornell CHRONICLE

Volume 20 Number 3 September 8, 1988

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Theory Center to add 2nd supercomputer

A two-year, \$19.3 million grant by the National Science Foundation to Cornell's supercomputer center will allow the center to add a second IBM 3090-600E supercomputer, the first such major upgrade at any of the five national supercomputer centers.

The second machine, scheduled for installation in early October, will enable the Cornell Theory Center to explore higher degrees of parallel processing across both computer systems.

The Theory Center has concentrated on parallel processing, in which a number of processors are used to attack parts of a scientific problem simultaneously. Its current computer can operate as a six-processor parallel system.

"Under the new grant, our goal is to be able to use the two machines to experiment with distributing single scientific problems across all 12 processors," said Larry Lee, director of the Theory Center's Cornell National Supercomputing Facility (CNSF).

The latest two-year grant brings NSF support for the Cornell center to the same level that has been given the other centers. The grant's two-year duration also brings all the centers into the same renewal schedule, meaning that the NSF can review all of them in 1991.

"The Cornell center, as well as the other four national centers, has had an enormous impact on science," said the Theory Center's acting director, David Caughey. "This

strong support of our program by NSF means that the remarkable advances in science and technology that have been made possible by the access to supercomputing can continue.

"The grant also means that we can continue to progress in the wide range of areas — including visualization and training — necessary to fully integrate supercomputing into scientific research in this country."

Lee said that, "With this step forward, we'll be able to put the full power of parallelism into the hands of scientists. So far, the demand on the existing facility has been so great that it has limited the wide use of parallel processing." The CNSF is the unit of the Theory Center that manages the su-

percomputer system and provides access to researchers.

The CNSF currently hosts 420 projects involving 1,600 researchers from 115 institutions around the country, Lee added.

One key to parallel computing on the two machines is software advances, including extensions of the computer's operating system and Parallel Fortran, a programming language developed by International Business Machines Corp. and Theory Center researchers.

The new effort also will include an enhanced program to train users in parallel processing on the new system, Lee said. The CNSF already has launched a series of

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NSF supports new center of plant science

The Center for the Experimental Analysis and Transfer of Plant Genes has been established here for geneticists and molecular biologists to develop new ways to improve agriculturally important plants.

The new plant science center will be supported by a five-year, \$5.7 million grant from the National Science Foundation, it was announced on Sept. 1 by David R. Kingsbury, assistant director of NSF for biological and behavioral sciences.

The new center will be a unit in the Cornell Biotechnology Program, which is about to open a \$32 million research building funded by the State of New York and Cornell. Its director will be Maureen R. Hanson, associate professor of plant molecular biology.

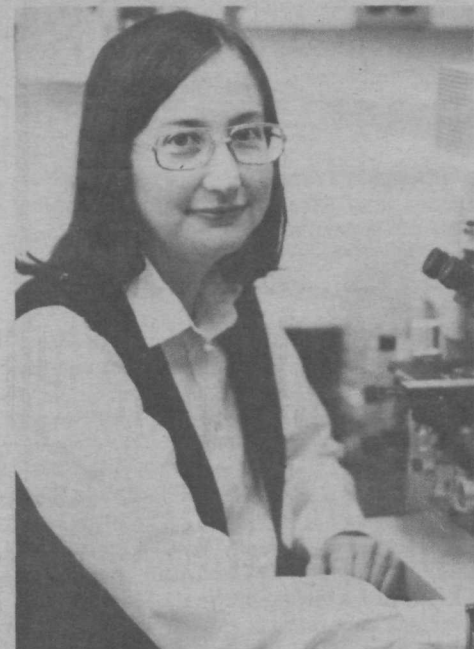
An additional \$1.7 million will be provided by the College of Agriculture and Life Sciences for the operation of the Cornell Plant Science Center to build greenhouses, staff and equip a new facility and establish a graduate assistantship program in plant biology.

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Undergraduate Liz McLaren takes a turn at Alpha Epsilon Pi's version of a bronco ride at the annual "Fun in the Sun" festival last Saturday. Working the ropes are, from left: Debashis Nag, Stephen Zechow, Dan Goldman, Seth Ruthen and Jon Weinstein.

Jill Peltzman



Maureen R. Hanson

Jill Peltzman

Law lecture series to focus on the global environment

Mark Harwell, director of the Global Environment Program, will open a year-long examination of issues related to the natural environment with a scientific overview of such issues as the greenhouse effect and the ozone layer on Sept. 13 at 4 p.m. in Classroom D of Myron Taylor Hall.

The Law School's International Legal Studies Program is sponsoring the lecture series as a way of examining what new director Alfred C. Aman Jr. says is the program's central issue: What is a "global professional?" And what does the lawyer of the late 20th and early 21st century have to know to practice law in an increasingly interdependent world?

"There is an increased awareness of the international implications of typical domestic law problems, which is working its way into our curriculum across the board,"

Aman said.

"Because companies now compete globally, the costs of domestic regulation in some industries now appear to be very high. In addition to regulatory costs, industries like financial services are now increasingly global, so much so that it is very clear that many of our domestic regulatory regimes are in need of reassessment. There is tremendous ferment in many such areas."

The environment is another case in point: "Domestic regulation is relatively ineffective when it comes to dealing with issues like acid rain, the ozone layer or the greenhouse effect. These issues require a more global perception of the problems involved, as well as a more global approach to possible solutions," he said.

So Aman is organizing the series of lec-

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Alfred C. Aman Jr.

Jill Peltzman



Jill Peltzman

Construction's under way on the site of a new 86-car parking lot on the south side of Barton Hall.

Changes planned in traffic and parking

Several changes in parking, traffic and pedestrian patterns will go into effect on campus over the next few weeks to accommodate construction of the new Engineering and Theory Center building and other projects already under way.

Other changes include improvements to parking lots, installation of utility lines on the central campus and the straightening of Schoellkopf Drive at the intersection with Garden Avenue.

"We recognize that all of these changes are going to be disruptive to employees, students and visitors, and that it is going to take a lot of cooperation, but, in the final analysis, it is important to focus the disruption in a single time period," said Paul M. Griffen, associate vice president for facilities planning and construction.

When completed late this fall, these projects will result in a net increase of some 250 parking spaces.

Work began earlier this month on a new 86-car lot on the south side of Barton Hall, and improvements to the service drive and parking lot between Barton and Statler halls also are under way, according to Griffen. Work on the lot adjacent to Barton Hall includes laying underground telecommunications lines that eventually will connect the Computing and Communications Center on the Ag Quad with the supercomputer array in the new Theory Center facilities southeast of Grumman Hall. Water, sewer, steam and other utility lines will be upgraded.

William E. Wendt, director of transportation services, said that, although some trees have been removed from the south side of Barton Hall, "an all-new landscaping plan" will improve the project area, which also includes a plaza between Barton and Statler.

"Two-way traffic will be maintained on Garden Avenue between Schoellkopf Drive and Campus Road as long as possible, but later this month it will be necessary to close a 300-foot section of Garden Avenue for about two weeks," Wendt said.

Also by late September, the sidewalk on the west side of Campus Road near the new Theory Center site will be closed to pedestrians. A new walkway is being installed along the fence to the west of Hoy Field, according to Griffen.

A second phase of this project, scheduled for 1990, involves improving the site line along Campus Road north from the parking garage entrance to the intersection near Barton and Statler halls.

"An attractive landscape plan with many new plantings will replace the lilac bushes that will be removed to accommodate the pedestrian walkway," Griffen added.

Employees who park in the lot on the south side of Grumman Hall will be given permits for the parking garage, Wendt said.

Emergency and delivery access will be maintained to the area behind Grumman Hall and Ward Laboratory, but 82 spaces will be lost during construction, he said. Some visitor spaces will be provided in

front of the Theory Center building when it is completed early in 1990.

Theory Center project construction workers will park their vehicles in temporary lots ringing Hoy Field.

Resurfacing of the parking lot serving Lynah Rink, Teagle Hall and the new biotechnology building will be completed in late October. Griffen said staff- and researchers will begin moving into the biotechnology building in mid-September.

Work on Schoellkopf Drive will begin in late September, according to Wendt. When completed three months from now, the drive will run easterly past the new field house to Judd Falls Road and then on to Campus Road at Parking Lot B.

"Changes to correct the difficult intersection of Schoellkopf Drive at Garden Avenue have been planned for about one year," Wendt said.

On the eastern edge of campus, two temporary parking lots for about 200 vehicles have been completed near the College of Veterinary Medicine and behind Boyce Thompson Institute for spaces lost during construction of the field house, Wendt said. When the field house is completed in the fall of 1989, the Kite Hill parking lot will be improved and more than 100 spaces will be added.

Several university departments, including Athletics, Buildings and Grounds, and Cornell Plantations, have been involved in the overall planning and coordination of these changes and improvements.

Briefs

■ **Rhodes to address faculty:** President Frank H.T. Rhodes will give his annual State of the University Address before a joint meeting of the University Faculty and Faculty Council of Representatives in Room 120 Ives Hall, 4:30 p.m., Sept. 14.

■ **New bus route:** A new campus bus route linking Collegetown and the central campus with East Hill Plaza and the Equestrian Center during the evening is being operated Monday through Friday on a trial basis through the fall semester.

The new route has been introduced, in part, to accommodate shoppers due to the closing of the supermarket in Collegetown.

The bus starts at 6:55, 7:55 and 9:05 p.m. at Day Hall and runs through Collegetown, up Dryden Road and Maple Avenue to East Hill Plaza, to the Equestrian Center, and then makes a full run through the Snyder Hill Eastern Heights routes, and then back to Day Hall using the same outgoing route except the bus will follow Oak Avenue through Collegetown on the return.

■ **Employee Day tickets:** Discounted football tickets at \$2 each for the Sept. 17 Cornell/Princeton football game and \$3 tickets for the 14th annual Employee Day post-game chicken barbecue in Barton Hall are now on sale at the Grumman Ticket Office. Barbecue tickets will not be sold after Sept. 13 and will not be available at the door. Football tickets, with a limit of four per employee, will be sold through Sept. 16.

■ **New directories:** One Staff/Faculty Directory and one Student Directory will be distributed to every installed phone on campus in early October, according to the Department of Telecommunications. Additional copies of the Staff/Faculty and Student directories will be available at the Campus Store, Triangle Book Store in Collegetown and Mayers in downtown Ithaca for \$2 each.

Ithaca NYNEX directories are scheduled to arrive in October. The price of additional NYNEX directories is based directly on the number ordered. They will be available through the Department of Telecommunications at 200 Computing and Communications Center.

■ **Dennis Hopper films:** Twelve films starring or directed by Dennis Hopper are being shown by Cornell Cinema during September. Check listings for details.

■ **Bloodmobile:** The Red Cross Bloodmobile will be at Barton Hall today from 9:30 a.m. to 1 p.m. For appointments, call 257-7587. Walk-ins are welcome.

■ **English classes:** Non-credit courses in English as a second language will be offered this fall through the Cornell Campus Club and the International Hospitality Committee. Registration will be held for beginning, intermediate and advanced classes on Sept. 22 from 7:30 to 9 p.m. in the auditorium of Anabel Taylor Hall. The fee is \$10, payable at registration. Class schedules and details will be available Sept. 15 at the International Students Office and the Dean of Students Office in Barnes Hall and at the office of the Hasbrouck Apartments complex. For more details, call Joan McMinn at 277-0013 or Betty Kord at 257-2967.

■ **Extramural Study:** Sept. 16 is the last day to register and to add or drop courses for the fall term of Extramural Study. The office is at B12 Ives Hall, and the phone number is 255-4987.

■ **Straight activities:** Cornell Potshop classes start Sept. 12 at Willard Straight Hall. For details, call 255-5170. Willard Straight Hall darkroom memberships are still open. Applications are available at the Straight Desk, or call 255-4311. The Straight's Art Gallery is taking applications for spring shows. Call 255-4311 for details.

■ **Breakfast with President Rhodes:** A limited number of places are available for students to sign up for breakfast with President Frank H.T. Rhodes. His office's telephone number is 255-5201. The breakfasts are held from 7:30 to 8:30 a.m. in the Elmhurst Room of Willard Straight Hall at various times during the year. Reservations are made on a first-come, first-served basis. Reservation reminders will be mailed a few days before each scheduled breakfast.

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.

Notables

Urie Bronfenbrenner, the Jacob Gould Schurman Professor Emeritus of Human Development and Family Studies and of Psychology, was honored at the recent American Psychological Association convention in Atlanta. Bronfenbrenner received the Distinguished Professional Contribution Award for "his meritorious contribution to the advancement of knowledge and service to children" from the APA's Section on Clinical Child Psychology and the Division of Clinical Psychology.

Simon A. Levin, the Charles A. Alexander Professor of Biological Sciences and director of the Center for Environmental Research, has been awarded the Ecological Society of America MacArthur Award for 1988.

Awarded annually since 1983 "for meritorious contributions to ecology with the expectation of continuing outstanding ecological research," the award was created in memory of Robert H. MacArthur, a professor of ecology at Princeton University.

Levin received the MacArthur Award on Aug. 16 during the annual meeting of the ecological society in Davis, Calif. As part of the honor, Levin will give the MacArthur Address at the society's annual meeting in Toronto next year.

Education initiatives fund seeks proposals from deans, directors

The President's Fund for Educational Initiatives is not considering proposals from individual faculty members in this or the next round of grants. Instead, proposals should come from deans or from the directors of those programs not based in colleges.

In its first three semesters, the fund has supported 69 faculty proposals for enhancing undergraduate education.

Interest now is in ideas that "will help us cross the barriers of departments and colleges in order to affect a larger segment of undergraduate education," according to Vice President for Academic Programs Larry I. Palmer.

Submissions should be of a scope as to affect "approaches to undergraduate learning" rather than individual courses or projects.

Faculty are requested to work with their deans to write proposals, which are due in Palmer's office, 309 Day Hall, by Sept. 14.

At the American Political Science Association convention . . .

Indictments said to replace elections in U.S. politics

The increasing number of indictments against public officials has more to do with battles for political power than with a concern for ethics in government, according to two Cornell political scientists.

Claiming that "America may be entering a post-electoral era," Benjamin Ginsberg and Martin Shefter contend that "threats of disgrace have joined electoral defeat as means of political combat."

"Officials who in other democracies would merely be compelled to resign from office are, in the United States, threatened with imprisonment," they said in remarks prepared for the American Political Science Association convention in Washington, D.C., on Sept. 2. "This use of the courts is not so different from use of the military in other nations where electoral mechanisms are not sufficiently strong or decisive."

Edwin Meese's last act as attorney general — setting up a procedure to investigate alleged wrongdoing by senators and congressmen — was "a peevish final gesture with little significance" and was the latest example of political warfare conducted in the name of ethics, according to the professors.

Ginsberg and Shefter are professors of government; Ginsberg also directs the Cornell Institute for Public Affairs and the Cornell-in-Washington Program.

Political corruption is no more prevalent now than 20 years ago, Ginsberg and Shefter said. Yet during the past two decades, the number of indictments against national, state and local public officials has increased tenfold, they report.

Among the indicted: more than one dozen members of Congress, several federal judges and presidential aides, Attorney General John Mitchell and Secretary of Labor Raymond Donovan. Others, such as Budget Director Bert Lance and Attorney General Meese, have been subjects of criminal investigations but have not been indicted.

"Corruption in office is a constant," Ginsberg said in an interview. "But crimes don't speak for themselves; it has to be worthwhile for someone to invest the time, energy and effort to bring corruption to light."

While there is "little doubt that many of the officials who have been indicted are guilty of crimes, these scandals can't be taken at face value," he added. "Politicians have traditionally turned a blind eye toward the corruption of their fellow politicians. Why has corruption become an issue now?"

Their answer is that as political party organizations decayed and a 20-year electoral stalemate gave the Democrats control of Congress and the Republicans an edge in

presidential elections, the contest for political power moved from the ballot box to combat between government institutions.

A Republican coalition of social conservatives, business and middle-income taxpayers, with its power base in the executive branch and national security apparatus, is fighting against a Democratic coalition of organized labor, minorities, public employees and middle-class liberal activists with a power base in Congress and the courts, Ginsberg and Shefter said.

"Rather than continue to pin all its hopes on capturing its opponent's bastion in electoral combat, each coalition has undertaken to strengthen the institution it commands and use it to weaken its foe's governmental and political base," they explained.

The Ethics in Government Act is an example of this effort, they said. By restricting the activities of former executive branch employees but not of former congressmen and their aides, the act, "despite its meritorious effects, is clearly political" and intended to weaken the executive branch, they said. The ethics law should be applied to Congress as well, or repealed, Ginsberg and Shefter suggested.

Meese's parting shot calling for investigations of alleged wrongdoing by senators and congressmen does not carry the force of law, they pointed out. The Ethics in Gov-

ernment Act created new categories of crime — such as lobbying by former government employees on behalf of industries that those employees used to regulate — that apply to the executive branch but not to senators, congressmen and their aides.

Post-Watergate institutional combat also explains why the administration of a Democratic president, Jimmy Carter, suffered from investigations during a Democratic Congress — the Democrats have a vested interest in keeping Congress strong and the presidency weak, even when they occupy the White House, Shefter pointed out.

"Politicians are no longer content to vote each other out of office and retire each other to the private and lucrative practice of law," Ginsberg said. "They want their opponents thrown into prison and smeared on television."

Ginsberg and Shefter call this technique R.I.P. — for "revelation, investigation and prosecution" and "rest in peace" for political opponents.

"It used to be the case that, when politicians spoke of the rule of law, they meant that losers of elections were not sent to jail," Shefter said. "Nowadays, when politicians speak of the rule of law, they do it to justify sending their opponents to jail. I think that's an unfortunate development."

— Mark Eyerly

State, Cooperative Extension devise plan offering coupons to be used at farmers' markets

New Yorkers who most need proper nutrition will soon be able to use food coupons to purchase fresh fruits and vegetables at community farmers' markets, under a demonstration project designed by Cornell Cooperative Extension and the state Office of Aging and Departments of Agriculture and Markets and of Health.

Pilot programs expected to benefit low-income consumers as well as farmers were announced last month for three greenmarkets in New York City and community farmers' markets in Schenectady and Batavia by Donald Butcher, the state commissioner of agriculture and markets.

"We are beginning this program to make the best fresh food our New York farmers grow available to those who are most in need of good nutrition," Butcher said. "We think the program has sufficient value to become a permanent program in 1989."

The Department of Agriculture and Markets will supply selected senior citizen nutrition sites and WIC (Women, Infants and Children) sites with coupons worth \$20 per WIC family and \$10 to individual senior citizens. They can be redeemed at designated farmers' markets close to the sites.

Carol Anderson, assistant director of Cornell Cooperative Extension, said, "The nutrition education program has been designed to teach coupon recipients to select, prepare, and enjoy eating the fresh fruits and vegetables available at local farmers' markets."

"During the next couple of months, coupon recipients will learn more about good nutrition and their health, and the link be-

tween health and New York State agriculture."

Cooperative Extension personnel who work in the federally funded Expanded Food and Nutrition Program will provide nutrition and food-preparation education materials for coupon recipients.

"We have developed an education program that will teach recipients of the coupons about fresh fruits and vegetables that are not familiar to them," according to Ruth Allen, director of Cooperative Extension in New York City.

"We will also teach the preparation of foods which do not require cooking for the



many people who have no cooking facilities. We hope to assure that the fresh food purchased under the program will be used in the most beneficial manner.

Noting that older New Yorkers are especially vulnerable to poor nutrition, Jane Gould, director of the State Office for the Aging, said, "This demonstration provides new opportunities for sound nutrition while supporting New York agriculture."

Funds to support the pilot program came from the state Department of Health's Supplemental Nutritional Assistance program and from the state Office for the Aging.

— Roger Segelken



Jill Peltzman

LIFE IN THE TRASH LANE — Life becomes troublesome when some of the 1.7 tons of garbage generated every day at the university overwhelms the dumpsters, including this one on Tower Road. Recycling planners hope to reduce the waste by expanding pilot recycling programs now under way in three campus buildings.

Ecologist Sir Richard Southwood to give A.D. White lecture

Sir Richard Southwood, internationally noted ecologist and public-policy adviser at Oxford University, will speak on "Risk in Natural Communities and Human Societies" when he delivers an A.D. White Lecture at 4:30 p.m. on Sept. 15 in Hollis E. Cornell Auditorium, Goldwin Smith Hall.

He also will speak on "Impact of Agricultural Practices on Ptarmigan Populations in Britain" at 7:45 p.m. on Sept. 19 at the Laboratory of Ornithology.

Now in his third year as an Andrew D. White Professor-at-Large, Sir Richard is known for his scientific studies of the rules

that govern natural biological communities and trends in natural selection.

As chairman of the Royal Commission on Environmental Pollution (1981-86) and chairman of the National Radiological Protection Board (1985), he advised governments in Great Britain and the Common Market in assessing and lessening risks to the environment.

He has studied and reported on air pollution controls, nuclear power and the environment, agricultural pollution, oil pollution in the seas and lead in the environment.

Sir Richard is the Linacre Professor and

head of the Oxford University Department of Zoology, and is about to become vice chancellor, or chief administrative officer, at Oxford.

He was vice president of the Royal Society of London (1982-84), and was recently elected a foreign member of this country's National Academy of Sciences.

Other professors-at-large visiting this fall will be classicist Sir Kenneth Dover, zoologist Rudiger Wehner, philosopher Jacques Derrida, historian John Heilbron, biologist Harold Woolhouse and civil engineer David Billington.

Recycle this paper . . .

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

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.

Sept. 11 is the third in a series of Sunday nights when instruction will acquaint newcomers with international folkdancing, 7:30-8:30 p.m., North Room, Willard Straight Hall. Requests 8:30-10:30 p.m. Telephone: 257-3156.

Israeli Folkdancing

Israeli folkdancing, Thursdays 8:30 p.m., Edwards Room, Anabel Taylor Hall.

Special workshop with choreographer Dani Uziel, Sept. 8, 7:30-11 p.m., Helen Newman Hall.

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 Bertoia, 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 Walking Stick, 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.

Children's Workshops in conjunction with the exhibition "Knots and Nets," for ages 7 through 10 will explore knotting and netting techniques, Sept. 17 and 24. Children ages 7 and 8 will meet from 10 a.m.-noon, and ages 9 and 10 will be held 1-3 p.m. Advance registration required by Sept. 9, and a fee of \$10 will be charged. To register call the education department at 255-6464.

"Media Buff: Media Art of Buffalo, N.Y.," the eighth part in a series of exhibits by York State artists, is devoted to contemporary video and films from Buffalo, N.Y. It was organized by Richard Herskowitz, adjunct curator of film and video at the Johnson Museum, and runs Sept. 10 through Nov. 12.

FILMS

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

Thursday, 9/8

"The Promised Land" (1973), directed by Miguel Littin, with Nelson Villagra and Marcelo Gaete, co-sponsored by Pentangle, 8 p.m., Uris.

"Chile, I Don't Take Your Name in Vain" (1984), directed by Cine-Ojo Collective, sponsored by Pentangle, 8 p.m., Anabel Taylor.

Friday, 9/9

"High Tide" (1987), directed by Gillian Armstrong, with Judy Davis, 6:45 p.m., Uris.*

"The Ladykillers" (1955), directed by Alexander MacKendrick, with Alec Guinness, Peter Sellers and Stanley Holloway, 8 p.m., Anabel Taylor.*

"Colors" (1988), directed by Dennis Hopper, with Sean Penn and Robert Duvall, 9:15 p.m., Uris.*

"Human Highway" (1982), directed by Bernard Shakey, with Neil Young, Dennis Hopper, Russ Tamblyn and Dean Stockwell, midnight, Uris.*

Saturday, 9/10

"Sorceress" (1987), directed by Suzanne Schiffman, with Tchecky Karyo, Christine Boisson and Jean Carmet, 7 p.m., Uris.*

"Beverly Hills Cop" (1984), directed by Martin Brest, with Eddie Murphy, Judge Reinhold and Lisa Eilbacher, 7:30 p.m., Anabel Taylor.*

"Colors," 9:15 p.m., Uris.*

"Beverly Hills Cop," 9:45 p.m., Anabel Taylor.*

"Human Highway," midnight, Uris.*

Sunday, 9/11

"Experimental Films From Media Study," presented by Gerald O'Grady, SUNY Buffalo. Films by Hoolis Frampton, Paul Sharits, Tony Conrad and others, 2 p.m., Johnson Museum.

"High Tide," 4:30 p.m., Uris.*

"Easy Rider" (1969), directed by Dennis Hopper, with Peter Fonda, Dennis Hopper and Jack Nicholson, 8 p.m., Uris.*

Monday, 9/12

"The American Dreamer" (1970), directed by Larry Schiller, with Dennis Hopper, 8 p.m., Uris.*

Tuesday, 9/13

"Sparrow with Sparrow, Raven with Raven," SEAP Film Series, Sept. 13, 4:30 p.m., 310 Uris Library.

"Is It Easy to be Young?" (1987), directed by Yuris Podnieks, 8 p.m., Uris.*

Wednesday, 9/14

"Persona" (1967), directed by Ingmar Bergman, with Bibi Andersson and Liv Ullman, 8 p.m., Uris.*

Thursday, 9/15

"Summer" (1986), directed by Eric Rohmer, with Marie Riviere, Lisa Heredia and Vincent Gauthier, 8 p.m., Uris.

"Reed: Insurgent Mexico" (1971), directed by Paul Ledoc, with Claudio Obregon and Eduardo Rojas, co-sponsored by CUSLAR, 8 p.m., Anabel Taylor.

LECTURES

A.D. White Professors-at-Large

"Pathways from Childhood to Adult Life: Processes Involved in Psychological Development," Michael Rutter, Institute of Psychiatry, University of London and A.D. White Professor-at-Large, Sept. 8, 7:30 p.m., Hollis E. Cornell Auditorium, Goldwin Smith Hall.

"Risk-In Natural Communities and Human Societies," Sir Richard Southwood, Linacre professor and head of the Department of Zoology, Oxford, Sept. 15, 4:30 p.m., Hollis E. Cornell Auditorium, Goldwin Smith Hall.

Astronomy

"On the Formation and Internal Dynamics of Clumpy Magnetic Cloud Complexes," Bruce Elmegreen, IBM, Thomas J. Watson Research Center, Sept. 8, 4:30 p.m., 105 Space Sciences.

History and Philosophy of Science and Technology

"On Becoming a Medical Student: Historical Reflections on Obstacles and Opportunities," Dr. Gert H. Brieger, Institute of the History of Medicine, Johns Hopkins University, Sept. 15, 4:30 p.m., 366 McGraw Hall.

Southeast Asia Program

"Modern Toba (Batak) Expensive 'Mausoleums'," Budi Susanto, SEAP grad, anthropology, Sept. 8, 12:20 p.m., 102 West Ave. Ext.

"Art and Arts in North Thailand," David Wyatt, history, Sept. 15, 12:20 p.m., 102 West Ave. Ext.

MUSIC

Bound for Glory

Carla Sciaky, vocal and multi-instrumentalist, will perform three live sets in the Commons Coffeehouse, 8:30 p.m., 9:30 p.m., and 11:30 p.m. on Sept. 11. Bound for Glory can be heard from 8 to 11 p.m. on WVBR-FM93.

READINGS

A poetry reading by Cleopatra Mathis, English, Dartmouth College, Sept. 15, 4 p.m., Temple of Zeus, Goldwin Smith Hall.

RELIGION

Sage Chapel

Joseph M. Ballantyne, vice president for research and advanced studies, will deliver the sermon at Sage Chapel on Sept. 11. Ballantyne, who became an assistant professor of electrical engineering here in 1964 and was director of the School of Electrical Engineering from 1980 until his current appointment, also is a bishop of the Church of Jesus Christ of Latter-day Saints (Mormon).

Services begin at 11 a.m. "Our Unending Voyage" will be Ballantyne's topic. Music for the service will be provided by the Sage Chapel choir, under the direction of Donald R.M. Pateron, university organist and Sage Chapel choir-master.

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

Rosh Hashanah services
Reform: Willard Straight Theatre, Sunday, Sept. 11, 8:30 p.m.; Monday, Sept. 12, 10 a.m.

Conservative: Anabel Taylor auditorium, Sunday, Sept. 11, 6:30 p.m.; Monday, Sept. 12, 10 a.m. and 7 p.m.; Tuesday, Sept. 13, 10 a.m.

Orthodox: Anabel Taylor Hall Edwards Room, Sunday Sept. 11, 6:45 p.m.; Monday, Sept. 12, 9 a.m. and 7 p.m.; Tuesday, Sept. 13, 9 a.m.

Tashlich

Monday, Sept. 12 at the creek alongside Willard Straight, 4:30 p.m. At 5 p.m., Chabad invites everyone for the shofar blowing and honeycake, G-34 Anabel Taylor Hall.

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

Conservative/Egalitarian Services: Friday 6 p.m., Saturday 9:45 a.m., Anabel Taylor Hall Founders Room.

Orthodox Shabbat Services: Friday evenings, Young Israel House, 106 West Avenue; Saturday mornings, 9:15 a.m. Edwards Room.

Morning Minyan: Mondays-Fridays 7:10 a.m.; Sundays 8:30 a.m., Young Israel House, 106 West Avenue. Call 272-5810.

Korean Church

Every Sunday, 2:30 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 Tuesday, 7:30 p.m., Anabel Taylor Chapel.

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

"Estimating N-mineralization from Green Manures for Maize," Robert J. Carsky, agronomy, Sept. 13, 4 p.m., 135 Emerson Hall.

Applied Mathematics

"Some Aspects of Epidemiological Models," Simon Levin, ecology and systematics, Sept. 9, 4 p.m., 322 Sage Hall.

Atomic and Solid State Physics: Solid State Seminar

"Spin Wave and Cyclotron Wave Propagation in Fermi Liquids," Gerald Dunifer, Wayne State University, Sept. 13, 4:30 p.m., 700 Clark Hall.

"Incommensurability, Soliton Lattice and Energy Gap Structure," K. Machida, Kyoto University, Sept. 15, 1:15 p.m., 701-702 Clark Hall.

Biochemistry, Molecular and Cell Biology

"Chromatin Structure of the Yeast GAL promoter in its Active and Inactive States," Marty Fedor, chemistry and biochemistry, University of Colorado, Boulder, Sept. 9, 4:30 p.m., 204 Stocking Hall.

"Cellulases of *Cellulomonas fimi*: the Genes; and the Enzymes and their Interaction with Substrate," R. Anthony Warren, microbiology, University of British Columbia, Sept. 12, 4 p.m., 135 Emerson Hall.

Biophysics

"Two Photon Spectroscopy: The Binding of Rhodopsin and Bacteriorhodopsin," Robert Berge, chemistry, Syracuse University, Sept. 7, 4:30 p.m., Clark Hall Room 700.

"Modeling of Intracellular Receptor/Ligand Sorting in Endosomes," Douglas Lauffenburger, chemical engineering, University of Pennsylvania, Sept. 14, 4:30 p.m., Clark Hall Room 700.

Chemistry

"Protein Structure and Dynamics by NMR Spectroscopy," Stanley J. Opella, University of Pennsylvania, Sept. 8, 4:40 p.m., 119 Baker.

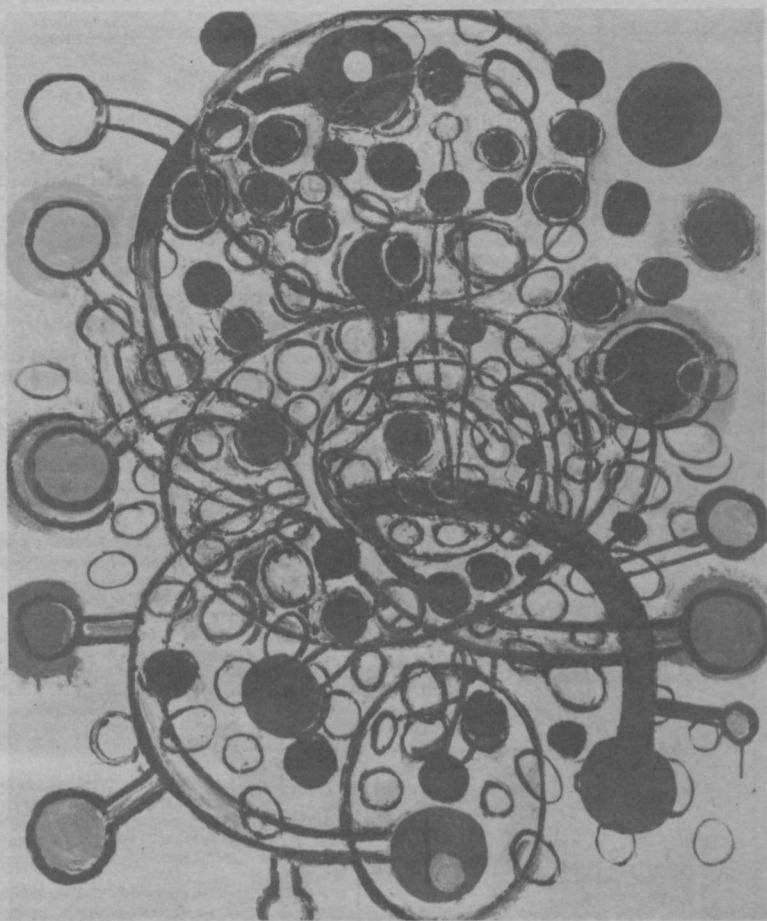
"Synthetic Approaches to the Anti-Leukemic Rocaglamide," Ralph A. Raphael, Cambridge University, Sept. 9, 2:30 p.m., 119 Baker.

"Computational Chemistry," Charles F. Wilcox, chemistry, Sept. 15, 4:40 p.m., 119 Baker.

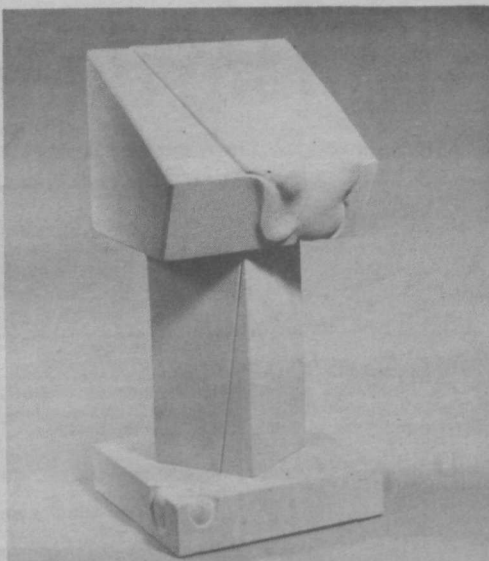
Ecology and Systematics

"The Role of Long Periods of Incubation, Variable Infectiousness and Social Mixing in

Selections from the Faculty Art Exhibition at the Johnson



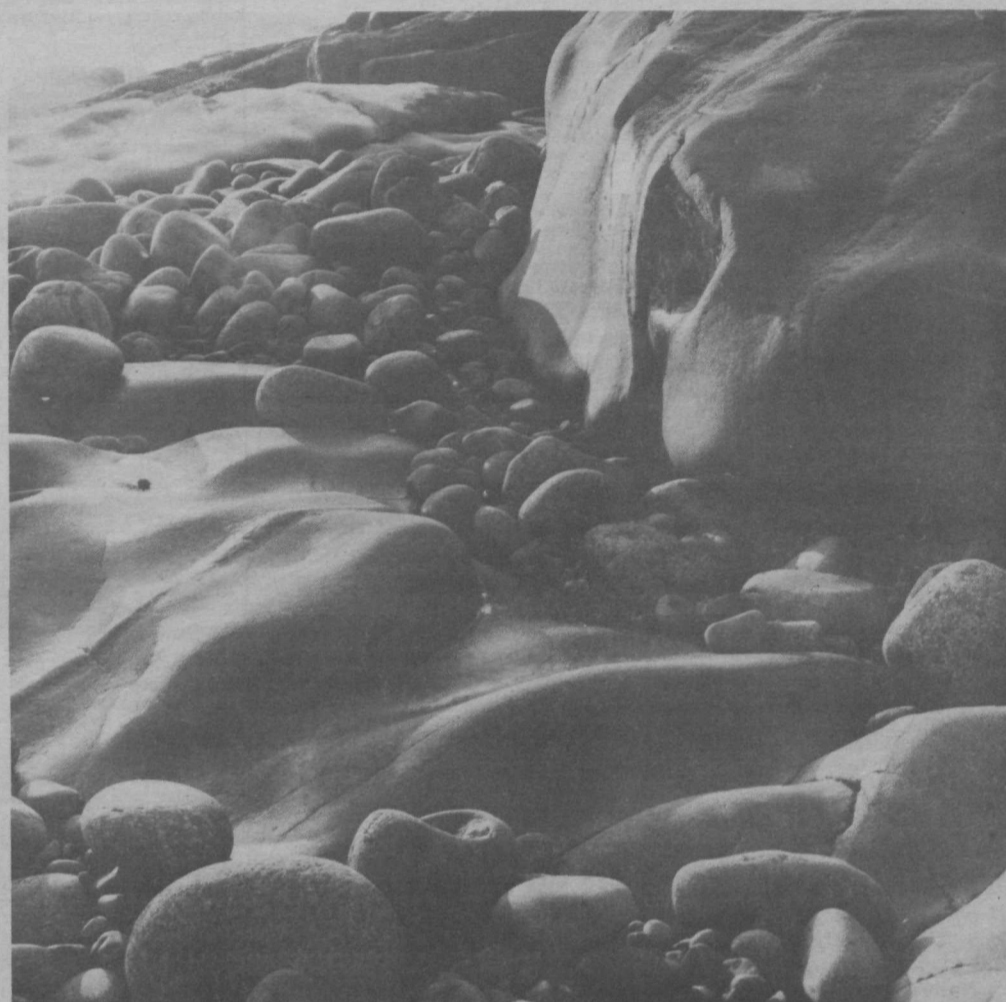
"Ju Ju Knossos," 1988 by Miriam Hitchcock, oil on canvas



"Column and Capital," 1988 by Jack L. Squier, Bedford stone



"Seated Figure," 1988 by Victor E. Colby, wood, partly painted



"Lames Island/Earth Eggs," 1988 by Jean N. Locey, gelatin silver print



"The Golden Gunnison," 1987 by Kay WalkingStick, acrylic and wax (left) and oil (right)

Dynamics of HIV/AIDSs, Carlos Castillo-Gavez, plant breeding and biometry, Sept. 14, 10 p.m., Morison Seminar Room, Corson/Phillips Hall.

Ecosystems Research Center
"Aspects of the Biogeochemistry of Lake Mpungwini, Southern Africa," A.E.L. Ramm, National Institute for Water Research, Republic of South Africa, Sept. 9, noon, 135 Emer-

Electrical Engineering
"Quality in the Aerospace Industry: Does Anyone Really Care?" Allen Stubberud, National Science Foundation, Sept. 13, 4:30 p.m., Phillips Hall.

Engineering Library
"How to Search the Cornell Online Catalog," Sept. 8, 3 p.m., information/reference desk, engineering library, Carpenter Hall.

Entomology
"Interaction of the Egg Parasitoid *Edovum dimorpha* with Resistant Potato Plants," John Peterson, entomology, Sept. 12, 4 p.m., Morison Room, Corson/Mudd Hall.

Environmental Toxicology
"Assessing Chemical Health Risks: Science, Politics and Public Perceptions," Chris Wilkins, environmental toxicology, Sept. 9, 12:20 p.m., 304 Fer-

Food Science and Technology
"The Mystery of *Salmonella enteritidis*," Robert C. Baker, poultry and avian sciences, Sept. 13, 4:30 p.m., 204 Stocking Hall.

International Nutrition
"The Role of United Nations Agencies in Nutrition — A Discussion," Jean-Pierre Habig, Division of Nutritional Sciences, Sept. 8, 12:40 p.m., 200 Savage Hall.

Mechanical and Aerospace Engineering
"Today's Technology: Aerospace Manufacturing," Peter Donohue, Grumman Aircraft Systems, Bethpage, N.Y., Sept. 8, 4:30 p.m., B14 Hollister Hall.

Mechanical and Aerospace Engineering Manufacturing Engineering
"Material Requirements Planning," Dick Conway, JGSM, Sept. 15, 4:30 p.m., B14 Hollister Hall.

Ornithology
"Headhunters and Hummingbirds," Robert Peck, Fellow of the Academy of Natural Sciences, Philadelphia, Sept. 12, 7:45 p.m., Laboratory of Ornithology, 159 Sapsucker Woods Rd.

Peace Studies
"Prospects for Arms Control and Disarmament in Europe," Kurt Gottfried, physics, Sept. 8, 12:15 p.m., G-08 Uris Hall.

Physiology
"Injections of Bovine Follicular Fluid in heifers: Effects In Vivo and In Vitro," Margaret M. Hinshelwood, physiology postdoctoral fellow, Sept. 13, 4:30 p.m., G-3 Vet. Res. Tower.

Psychology
"Heritable Variation in the Representation of Language," Thomas Bever, University of Rochester, Sept. 9, 3:30 p.m., 202 Uris Hall.

Statistics
"Fieller Problems and Resampling Techniques," Jiunn Hwang, mathematics, Sept. 7, 3:30 p.m., 100 Caldwell Hall.

"Prediction and tolerance intervals with transformation and/or weighing," David Ruppert, operations research, Sept. 14, 3:30 p.m., 100 Caldwell Hall.

Textiles and Apparel
"Quality and Productivity: America's Shotgun Marriage," Charles P. Yohn, engineering, Sept. 13, 12:20 p.m., 317 Van Rensselaer Hall.

Western Societies Program
"Thatcherdom and its Prospects," Peter Hennessy, co-director, Institute of Contemporary British History, Sept. 8, 4:30 p.m., 165 McGraw Hall.
"What's Happening in French Sociology? 2) Today," Claude Grignon (EHESS & INRA), Sept. 13, 4:30 p.m., 165 McGraw Hall.
"France After the Elections," Vincent Wright, Nuffield College, Oxford and Einaudi Visiting Professor, Sept. 14, 4:30 p.m., Hollis E. Cornell Auditorium, Goldwin Smith Hall.

MISC

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 Clinton and Geneva streets. For more information call David Sagan 255-0918 or Bill Smith 2272-3594.

Topics in Jewish Thought and History
Weekly sessions taught by Rabbi Larry Edwards, Mondays at 8 p.m., 314 Anabel Taylor Hall.

The Jewish Life Cycle
Weekly sessions led by Jessica Semal, Tuesdays from 7:30 to 9 p.m., 314 Anabel Taylor Hall.

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

Olin Library
Tours to introduce Olin Library's services, facilities and resources last approximately 30 minutes. Tours meet in the lobby across from the circulation desk: Sept. 8, 1 p.m.; Sept. 9, noon.

Olin Library Research Seminars covering online catalog, Union Card Catalogs, Computer Assisted Search Service (COMPASS), interlibrary services, etc.: Sept. 10, 1 p.m., room 703 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. 17, 1 p.m. To register, stop by the reference desk or telephone 255-4144.

Personal Growth Workshops
New series begins week of Sept. 12. Topics include assertiveness; building self-esteem; building satisfying relationships; stress management; women, food and self-esteem; lesbian, bisexual; men's support group; older students support group; graduate student support group; ease and balance through awareness in movement. All groups are free and confidential. Sign-up in 103 Barnes Hall. Telephone: 255-3608.

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 8, 1988
 Number 34
 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

ASSOC. DIR., CLASS PROGRAMS (PA3414) Alumni Affairs-E

Provide staff support to CU Alumni Class Program. Work on planning & implementation of membership solicitation program, alumni reunions, annual class officer's mtg., leadership development & undergrad. & young alumni development & prgrmg. Resp. for overseeing all major comm. generated by Class Programs, i.e. newsletters, invitations.

Req.: BS/BA, CU pref. MS pref. 3-5 yrs. related exp. Good interper. & org. skills. Able to work w/volunteers. Capable of public speaking. Strong writing skills. Computer skills desir. Letter & resume to Cynthia Smithbower by 9/16.

ARCHITECT (PA3403) Facilities Engineering-E

Org. & perform architectural design svcs. for Univ. alterations & repairs; independ. undertake projects, review & assist on major projects (SIM).

Req.: BS in arch. Prof. license desir. 1-3 yrs. related exp. Must have exc. org., interper. & comm. skills; valid driver's lic. req. Letter & resume to Cynthia Smithbower by 9/23.

ASST. DIR., MSILR PROGRAM (PA3402) ILR-Baruch Masters Prog.-NYC-S

Enhance recognition & growth of MSILR program. Provide daily admin. decision making w/in Off. of Exec. Ed. Assist Dir. of Exec. Ed. in design & placement of promot'l. advertising to recruit students, represent program at prof. society mtgs., college recruitment forums & other prof. functions.

Req.: BA/BS; MS pref. 3-4 yrs. exp. in higher ed. admin. incl. 2-3 yrs. in advertising/promotion of academic programs & admission/recruitment exp. Letter & resume to Cynthia Smithbower by 9/16.

EXTENSION SUPPORT SPEC. IV (PA3408) NYC Coop. Extension-S

Provide admin. & program leadership for Small Business Energy Efficiency Program (SBEEP) in NYC. Serve as tech. resource person for program, direct community relations, serve as major contact between SBEEP & subject matter & admin. resources at CU.

Req.: BA/BS or equiv. MS pref. 5+ yrs. exp. in educat'l. &/or admin. role. Demonstrated ability to initiate, plan, manage & evaluate a program &/or similar effort. Letter & resume to Cynthia Smithbower by 9/16.

PROJECT COORD. (PA3410) Facilities Engineering-E

Survey & oversee updating of Utility dept. distribution systems to bring them into conformance w/current environmental codes & regulations. Until 3/90.

Req.: AAS in civil, construction or mechanical tech. req. BS pref. 1-2 yrs. exp. in reading, understanding & interpreting utility & bldg. mechanical systems is mandatory. Must be self-directed, have strong interper. & comm. skills, be able to access confined & sometimes remote work spaces, & have/maintain a valid driver's lic. Letter & resume to Cynthia Smithbower by 9/23.

PURCHASING AGENT II (PA3401) Statler Hotel-E

Procure materials necessary for efficient hotel & school of hotel admin. operation in conjunction w/established standards & policies.

Req.: BS, busn. admin. or hotel/restaurant mgmt. pref. 2-3 yrs. food & beverage exp. incl. purchasing bkgnd. Letter & resume to Cynthia Smithbower by 9/16.

PHYSICAL THERAPIST (PA3409) Health Services-E

Resp. for planning & implementing PT programs for patients. Keep approp. records in compliance w/ethical & legal standards. Participate in in-service programs.

Req.: BS in physical therapy. Current NYS lic. & registration. Cert. by Nat'l. Athletic Trainers Assoc. pref. 1-2 yrs. exp. in orthopedic & sports physical therapy. Participation in continuing ed. programs. Letter & resume to Cynthia Smithbower by 9/23.

EXT. SUPPORT AIDE (PA3407) Agricultural Economics-S

Develop Ext. publication series on alternative agricultural enterprises; provide info. & referrals; assist w/admin. aspects of CU's Farming Alternative Project.

Req.: BS req., MS pref. or 2 yrs. exp. Exc. comm. skills, esp. in agriculture writing/editing. Strong org./admin. skills. Letter & resume to Cynthia Smithbower by 9/23.

ENERGY AUDITOR (PA3411, PA3412, PA3413) NYC Coop. Ext./SBEEP-S

Perform energy audits for small busn. & non-profits in NYC. Promote Small Busn. Energy Efficiency Program (SBEEP) in area. Provide ed. materials on energy conservation to target audiences.

Req.: BA/BS desir. or AAS w/coursework in math & sci. related fields. Keyboarding skills. 2 yrs. exp. in related field. Valid NYS driver's lic. Letter & resume to Cynthia Smithbower by 9/16.

RESEARCH SUPPORT SPECIALIST (PT3206) HDFS/Family Life Development Ctr.-S

Provide technological support & develop research protocols & materials for stay in school program in NYC.

Req.: MA req., PhD pref., education psychology or related area. Exp. w/Youth Programs. Letter & resume to Judi Baker by 9/16.

FINANCIAL ANALYST II (PA2705) Asst. Treasurer-E

Provide analytical support in capital budgeting, investment analysis & project financing.

Req.: MBA pref. or BS w/5 yrs. financial analysis in busn. or univ. environ. Exp. w/spreadsheet programs (e.g. Excel or Lotus) req. Strong analytical & exc. comm. skills nec. Prior exp. making investment decisions & project development (analysis, design/implementation/maint.) pref. Letter & resume to Cynthia Smithbower by 9/16.

SYSTEMS PROGRAMMER/ANALYST II (PT3103) Materials Science Center-E

Develop & maintain MSC Convex Unix computer system software & hardware in support of research programs through multi-user computing central facility.

Req.: BA/BS or equiv. in phys. sci., engr. or computer sci. Able to design & operate complex software systems incl. networks. Prgrmg. exp. in Fortran, assembly & a structured lang. req. Exp. w/IBM-PC or Mac. Letter & resume to Judi Baker by 9/16.

SYSTEMS PROGRAMMER/ANALYST III (PT3204) Computer Science-E

Provide research project prgrmg. support. Work closely w/grad. students, research associates & faculty. Prgrmg. incl. symbolic computations & some artificial intelligence esp. auto. theorem proving.

Req.: BS in math or computer sci.; advanced (grade-level) work in research area; knowl. of large, complex systems; exp. w/complex LISP systems. Letter & resume to Judi Baker by 9/16.

ASST. DIR., CAMPAIGN FOR PHYS. ED. & ATHLETICS (PA3302) Univ. Development-E

Assist Campaign Mgr. in overall direction of Athletic Campaign. Perform various fundraising activities developed to meet campaign goals. Assist w/Athletic Annual Fund.

Req.: BS or equiv. Exc. comm. (written/oral) skills. 1-2 yrs. exp. in educ'l. fundraising. Good org. skills. Exp. working w/volunteers. Letter & resume to Cynthia Smithbower by 9/16.

PROJECT COORDINATOR (PA3303) Conservation-E

Assist Project Mgr. in developing, implementing & coord. RLG Great Collections Microfilming Project of the John M. Echols Collection. Resp. for daily project mgmt., incl. supv. & trng. students &/or staff, setting realistic monthly workflow projections, maintain stats, & other info. req. by RLG, monitoring film quality to insure that standards established by RLG & Library of Congress are met & serve as liaison w/Echols staff, cataloging dept. & filming agent. Up to 3 yrs.

Req.: BA or equiv. 1-2 yrs. libr. exp., pref. in research library. Previous supv. exp. Demonstrated ability to work effectively w/co-workers, supv. & public; able to work accurately w/details. Letter & resume to Cynthia Smithbower by 9/21.

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.

RECEPTIONIST, GR17 (C3408) Purchasing-E
 Provide receipt support for dept.; answer phone; sort & forward mail to staff & approp. campus depts., greet visitors.
 Req.: H.S. dip. or equiv. Min. 1 yr. exp. w/System 85 or similar phone station req. Good interper. skills & legible handwriting essential. Some overall knowl. of CU dept. locations & procedures essential. Min. Biweekly: \$467.98

SECRETARY, GR18 (C3411) Human Service Studies-S

Provide receipt & sec. support for 4-6 faculty in large dept. Type classwork, reports, manuscripts, corresp. & vouchers; answer phone, distribute mail; arrange travel, libr. reserve lists, conferences & mtgs.; order texts; make copies; run campus errands; keep faculty files & calendars.

Req.: H.S. dip. or equiv. Busn./sec. school desir. Min. 1 yr. sec. exp. IBM-PC & Wordperfect exp. Able to work under pressure. Good interper. & org. skills. Machine/manual transcription skills. Able to set priorities & work in a complex, active environ. Heavy typing. Min. Biweekly: \$444.35

SECRETARY, GR18 (C3414) Ctr. for Environmental Research-S

WP of proposals, scientific reports, annual reports; answer phones; receipt support; arrange mtgs., workshops, travel & keep mailing lists; gen'l. support to Dir., Water Resources Inst. & 8-10 staff members performing research & ext. activities.

Req.: H.S. dip. or equiv. Busn./sec. school desir. Min. 1 yr. exp. Trng. in use of personal

publishing software useful. Good org. skills. Prefer exp. w/Mac or IBM WP software. Able to work w/large staff in busy offic. Med. typing. Min. Biweekly: \$444.35

SECRETARY, GR18 (C3401) Rural Sociology-S

Provide sec., clerical & admin. support for 5 professors & Grad. Field Rep. Type; make travel arrangements, mng. calendars; prep. class & research files & records; libr. searches; copying, WP.

Req.: H.S. dip. or equiv. Busn./sec. school desir. Min. 1 yr. sec. exp. prefer at CU. Familiar w/academic depts. having numerous & post grad. degree candidates. Exc. interper. & org. skills. WP exp. req. Med. typing. Min. Biweekly: \$444.35

ADMIN. AIDE, GR19 (C3409) Engineering Placement Office-E

Assist w/admin. operation of Off. to serve career/employment needs of engr. degree candidates, undergrads, alumni & nationwide hiring orgs.; Org. & implement daily activities of On-Campus Recruiting Prog., Admin. Advisory & p.r. resp.

Req.: H.S. dip. or equiv. AAS pref. Placement offic. skills. 2 yrs. related exp. pref. Exc. org. & comm. (written/oral) skills req. Strong desire to work w/students. Med. typing. Min. Biweekly: \$510.90

SECRETARY, GR20 (C3412) Public Affairs Reg'l. Off.-E

Handle corresp., forms, vouchers & other materials. Keep records; provide file maint. & receipt support; handle mtg. & travel arrangements; interaction by phone & in person w/alumni; special projects as assign'd. Located in Evanston, IL.

Req.: AAS or equiv. Min. 2 yrs. sec. exp. Exc. org., interper. & comm. skills. Med. typing. Min. Biweekly: \$534.30

OFFICE ASST., GR21 (C3404) JGSM-E

Provide admin./sec. support to Dir., Busn. Operations & Busn. Mgr. Assist w/all academic & nonacademic personnel matters, incl. processing student employment, p/r, affirmative action, etc.

Req.: AAS or equiv. BA pref. Min. 2-3 yrs. off. exp. Fast accurate typist. Familiar w/Lotus 123, Mass 11 & computer hardware desir. Heavy typing. Min. Biweekly: \$557.70

ACCTS. ASST., GR21 (C3407) Mann Library-S

Handle all income & gen'l. exp. disbursements for budget over \$2M; maintain acct. records, generate monthly stmts. & reconcile acct. balances w/central acct. records; process p/r for large staff & for over 100 student employees; order supplies & equip. from off-campus vendors.

Req.: AAS in acctg. or equiv. 2 yrs. gen'l. off. & acctg. exp. essential. Exc. comm. skills. Able to work under pressure & meet deadlines. Familiar w/CU stat. acctg. highly desir. Exp. w/Lotus & dBase software desir. Med. typing. Min. Biweekly: \$527.58

ADMINISTRATIVE AIDE Episcopal Chaplaincy

Provide sec./admin. support for chaplain, resp. for bookkeeping, off. mgmt. Familiar w/computer & WP systems, interest in students & student prgrmg. Letter & resume to Episcopal Chaplain, 63 Anable Taylor Hall, Cornell University, Ithaca, NY 14853.

General Service

REGULAR EMPLOYEES Submit employee transfer application to Staffing Services, 160 Day Hall. Interviews conducted by appt. only. EXTERNAL APPLICANTS Mail employment application to Staffing Services, 160 Day Hall. Interviews conducted at appt. only. Qualified applicants are contacted after materials are reviewed.

BOILER OPER. HELPER (T3411) Utilities-E
 Handle ashes, coal at the CHP using mechanical systems provided. Check & maintain mechanical systems, & learn Boiler Operator's job through formal trng. Rotating shift. 7 mo. position.
 Req.: H.S. dip. or equiv. Able to learn Boiler Operator functions. Good physical condition sufficient to work effectively in boiler plant environ. which includes noise, dust, heat, climbing stairs, etc. Apply by 9/23.

CUSTODIAN, SO02 (G3402, G3403, G3404, G3405) Hotel Admin.-E

Provide gen'l. custodial care of bldgs. & grounds in assigned area. Shift subject to change.
 Req.: H.S. dip. or equiv. Able to operate a variety of heavy power equip., lift 50 lbs. & climb an 8 ft. ladder. Basic reading & writing skills. Min. hourly: \$5.75

CUSTODIAN, SO02 (G3401) Buildings Care-E

Provide gen'l. custodial care of bldgs. & grounds in assigned area. Mon.-Thur., 6 a.m.-2:30 p.m.; Fri. 6 a.m.-1:30 p.m.
 Req.: H.S. dip. or equiv. Able to operate a variety of heavy power equip., lift 50 lbs. & climb an 8 ft. ladder. Basic reading & writing skills. Min. hourly: \$5.75

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 volume 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 com-

puterized 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

Technical

REGULAR EMPLOYEES: Submit employee transfer application, resume & letter. EXTERNAL APPLICANTS: Mail employment application, resume, & list of lab techniques/equip., or computer software/hardware with which you are familiar. Submit letter per position, specify title, dept. & job number. Interviews conducted by appt. only. Qualified applicants are contacted after materials are reviewed. Backgrounds highly desired: biochem., chem., microbio., elect., physics, lic. animal health tech.

TECHNICIAN, GR18 (T3409) Equine Drug Testing-S
 Perform analysis on blood & urine samples in drug testing lab to serve Aqueduct, Belmont & Saratoga Race Tracks. Relocate to Saratoga Springs, NY in August each yr.
 Req.: AAS or equiv. lab exp. 1 yr. exp. w/Thin Layer Chromatography & gen'l. procedures. Familiar w/gas chromatography. Apply by 9/23. Min. Biweekly: \$444.35

ANIMAL TECHNICIAN, GR18 (T3410) Equine Drug Testing-S

Train, exercise & care for horses. Administer drugs & antibiotics; collect blood & urine samples, treat cuts & abrasions. Groom horses, clean & repair harness. Keep records of drug admin. trials.

Req.: H.S. dip. or equiv. Min. 1 yr. related exp. Able to administer drugs & use vacutainers for collection of blood. Knowl. of proper trng., exercise & grooming horses. Able to catheterize mares. Apply by 9/23. Min. Biweekly: \$444.35

ANIMAL HEALTH TECH., GR20 (T2804) Vet. Medical Teaching Hosp.-S

Induce, maintain & monitor animals under & recovering from anesthesia. Prep. & maintain anesthetic equip.

Req.: AAS, animal health tech. Licensed or eligible for licensure in NYS. 2 yrs. exp. working w/animals pref. in clinical atmosphere. Apply by 9/16. Min. Biweekly: \$534.30

RESEARCH EQUIP. TECHNICIAN, GR20 (T1217) Agricultural Engineering-S

Assist in construction & operation of highly innovative sewage treatment system. Carpentry, glass work, pipe bending & threading, plumbing, welding, metal cutting & space lighting & heating installations. Able to drive trucks & operate heavy equip.

Req.: H.S. dip. or equiv. Power equip. operation; plumbing; exp. w/water & sludge pumping & repairs; welding & acetylene torch metal cutting. NYS driver's lic. req. Min. Biweekly: \$496.71

MEDIA TECHNICIAN, GR21 (T3406) Media Services-S

Operate broadcast & instruct'l. color TV cameras & related equip. Assist in production of educat'l., instruct'l. & documentary TV productions. May assist in radio & film. Erratic hrs. incl. occasional wknds. & eves.

Req.: BA in TV production desir. or equiv. exp. Demonstrated exp. in TV or film camera operations. Knowl. of TV graphics prep., still photography, audio recording, & stagecraft techniques helpful. Letter, resume & video tape to Judi Baker. Min. Biweekly: \$527.58

TECHNICIAN, GR22 (T3313) Pharmacology-S

Carry out physiol., biochem. & pharmacol. studies on control of insulin release. Prepare solutions, perfusion of tissue, enzyme assays, cell constituents analysis, radioimmunoassay, data collection & sci. equip.

Req.: BS or equiv. in biochem., bio. or neurobio. pref. 2 yrs. lab exp. w/rats & mice pref. Min. Biweekly: \$556.16

GREENHOUSE ASST. Boyce Thompson Institute Greenhouse

Perform gen'l. greenhouse duties such as watering, planting, spraying, lifting, etc. Some wknd. work req.

Req.: AAS in horticulture or equiv. exp. & NYS driver's lic. req. NYS pesticide applicator's lic. & working knowl. of greenhouse operations helpful. Able to lift 50 lbs. Contact Merritt Compton, Boyce Thompson Inst., 254-1210. Min. salary: \$10,700.

Part Time

SECRETARY, GR17 (C3413) Unions & Activities-E

Type; copy; transcribe dictation; provide sec. support to Dir. for special projects; assist w/mailings, filing & ordering offic. supplies. M-F, 8:30-3.

Req.: H.S. dip. or equiv. w/some bkgnd. in sec. skills. Able to work comfortably in busy offic. & work well w/variety of people. Good comm. skills. Exp. w/dictaphone & computers pref. Heavy typing. Min. full-time equiv.: \$467.98

ACCTS. ASST., GR18 (C3410) Mann Library-S

Act as receipt for Admin. Off. Resp. for dept. billings, staff leave records, student hrs. worked reports & mailing operation; handle daily operations of VendaCard/coin-op photocopy system incl.: coin pick-up, meter readings, coin/bill sorting, counting, wrapping & monthly stats. M-F, 30 hrs./wk.

Req.: H.S. dip. or equiv. Min. 1 yr. exp. Exc. interper. & comm. skills essential. Previous off./bookkeeping exp. Familiar w/Lotus & dBase PC software desir. Accuracy & attention

to detail. Able to work independ. & maintain confidentiality. Med. typing. Min. full-time equiv.: \$444.35

SECRETARY, GR18 (C3415) Geological Sci./INSTOC-E

Provide sec. support in Inst. offic. Type corresp., tech. typing & input to WP, many manuscripts contain very complicated equations. M-F, 9-1.

Req.: H.S. dip. or equiv. Some college desir. Min. 1 yr. sec. exp. Previous exp. on WP equip. (IBM PC, Mac) helpful; desire to learn essential. Heavy typing. Min. full-time equiv.: \$487.50

ANIMAL TECHNICIAN, GR18 (T3408) Vet. Microbiology-S

Feed, water, clean & monitor small research animals (canines & rodents). Follow strict protocols for sterile or disease control environments & regulations for animal welfare. 24 hrs./wk. Wknd. & holiday work req.

Req.: H.S. dip. or equiv. Min. 1 yr. related exp. Knowl. of variety of lab animals & animal breeding req. Pre-employment physical req. Able to lift 100 lbs. Apply by 9/23. Min. full-time equiv.: \$444.35

ASST. SLIDE LIBRARIAN, GR19 (C3014) Slide Library-E

Supv. stud. assts.; slide & equip. circ.; clerical resp.; demonstrated use of AV equip. incl. projectors, tape decks, cameras, etc.; classification, binding, labeling & filing of slides, handle inquiries. Mon.-Fri. 8:30 a.m.-5 p.m. 21 hrs., spec. hrs.

Req.: BA Art History, Arch. History or equiv. Libr. exp. desir. Gen'l. knowl. of photography. Basic computer skills. Attention to detail. Lt. typing. Letter & resume to Esther Smith. Min. full-time equiv.: \$510.90

SECRETARY, GR19 (C2613) Hotel Admin.-E

Provide admin. & sec. support for 3-4 faculty. High level of confidentiality essential. Requires independent judgment & decision making. 25 hrs./wk. 1 yr. appt.

Req.: AAS or equiv. 1-2 yrs. sec. exp. nec. Good org. & comm. (incl. grammar, editing & spelling) skills. Able to meet deadlines. Heavy typing. Min. full-time equiv.: \$510.90

CASUAL ANIMAL CARE ASST. (T3308) Nutril. Sci.-S

Feed & water research animals (rats & rabbits). Casual for 1 yr. Sat., Sun. & holidays. 8 hrs./wk. appr.

Req.: Some knowl. of working w/research animals pref.

SLIDE LIBRARY ASST. (C3416) History of Art

Assist in History of Art Slide Library. Type labels for slides. Some cataloging.

Req.: Good typing essential. Art history bkgnd. & exp. in visual arts libr. desir. Apply to Ingeborg Wald, History of Art, 35 Goldwin Smith Hall.

STOCK ROOM CLERK Boyce Thompson Institute

Assist in issuing stock incl. solvents, chemicals & gasses, entering data, making local pick-ups, shipping, receiving, cleaning & other activities assoc. w/small research oriented stockroom. 8 a.m.-12 noon.

Req.: Good org. & interper. comm. skills necessary. Driver's lic., able to lift 50 lbs. req. Knowl. of lab equip., inventory & clerical skills helpful. Apply in person by 9/9 at Boyce Thompson Inst. Info. Desk, 254-1234. Min. hourly: \$5.00

Temporary

CALS to honor 5 outstanding alumni

Two nationally known garden writers, an agriculture magazine editor, an agribusiness leader and an agricultural college administrator will be honored by the Alumni Association of the College of Agriculture and Life Sciences during this year's three-day alumni reunion on campus, Sept. 16 through 18.

Recipients of the Outstanding Alumni Awards will be:

- George (Doc) Abraham ('39) and his wife Katherine (Katy) ('43) of Naples, N.Y., whose nationally syndicated newspaper column, the "Green Thumb," appears in as many as 126 newspapers.

- Gordon L. Conklin ('49, M.S. '50) of Ithaca, editor of *American Agriculturist*, an Ithaca-based magazine.

- Robert W. Bitz ('52) of Plainville, N.Y., president and general manager of Plainville Turkey Farm near Syracuse.

- Robert L. Thompson ('68) of Lafayette, Ind., dean of agriculture at Purdue Uni-

versity.

They will be cited for success in their businesses or professions, significant contributions to society and demonstrated leadership on behalf of the College of Agriculture and Life Sciences, according to Jane Longley-Cook ('69) of Hartford, Conn., chairwoman of the Alumni Association's 1988-89 Awards Committee.

The awards will be presented at a special banquet on Sept. 16 at the Ithaca Sheraton Inn. The banquet kicks off this year's annual alumni reunion, dubbed "Alumni ALS-capades '88." Some 600 to 800 alumni and friends of the college are expected to attend the event, which will feature reunions of alumni from the animal science, food science and communication departments. Robert B. Gravani, associate professor of food science, will deliver the keynote address, "Food for Thought," at 9 a.m. in James Law Auditorium.

The college now has 35,000 alumni

throughout the world, according to John C. Sterling, director of alumni affairs and development at the college. The Alumni Association has 5,600 members in 50 states and 38 countries, making it the largest college of agriculture alumni association in the nation.

Doc and Katy Abraham are well known to millions of home gardeners throughout the country through their "Green Thumb" and "Ask the Gardeners" newspaper columns. The Abrahams also appear on weekly radio and TV garden programs aired in Rochester, N.Y. They have written eight books on horticultural topics, and are regular contributors to the *Christian Science Monitor* and to garden magazines. They owned and operated a landscape and florist business from 1947 to 1967 and still maintain two greenhouses and seven acres of gardens where they conduct research. They teach a class on horticulture at the Community College of the Finger Lakes in Canandaigua and conduct workshops for the public and for elementary and high school students.

Conklin has been "an influential voice in agriculture in the Northeast" since 1962 as the editor of the *American Agriculturist*, according to the CALS citation.

Before joining the staff of the *American Agriculturist* in 1959, he served as an assistant county agricultural agent in Cayuga County for five years. He has received honors from the Farm Credit Banks of Springfield, Mass., the New York State Association of Future Farmers of America, the New York State Council of Agricultural Associations and the Department of Animal Science at Cornell. In 1983, he was named "Friend of Extension" by Epsilon Sigma Phi, national honorary agricultural society.

Bitz operates the 1,000-acre Plainville Turkey Farm, which produces 12 million pounds of turkey annually, making it the largest commercial operation of its kind in New York State. He is exploring the commercial feasibility of an indoor, water-recycling fish-farming system developed by Cornell scientists. He also is president of Plainville Farms Restaurant and Store in Cicero, N.Y., which serves more than 3,000 customers a week. He is a trustee of Cornell, and he was instrumental in the growth of the leadership and membership of Alumni Association of the College of Agriculture and Life Sciences from 1,916 members in 1985 to 5,600 today. He served as



Media Services

Robert W. Bitz

president of the association in 1984.

Thompson, a professor of agricultural economics at Purdue University since 1974, was appointed dean of agriculture at Purdue in March 1987. A leading authority on domestic and international agriculture policy and development, he served as an assistant secretary for economics at USDA from 1985 to 1987. He served on the President's Council of Economic Advisers as a senior staff economist from 1983 to 1985. He is a member of the Board of Agriculture of the National Academy of Sciences, the International Policy Council on Agriculture and Trade, the Dana and Edith Bennett Agriculture Roundtable, and the Food and Agriculture Committee of the National Planning Association.

Raised on a dairy farm in Ogdensburg, N.Y., Thompson studied in Denmark during his junior year at Cornell. From 1968 to 1970, he worked in Laos as a volunteer with International Voluntary Services. He spent 1972 and 1973 as a visiting professor at the Federal University of Vicosa in Brazil. Author of more 90 research and popular articles, he is the first recipient of Purdue's Agricultural Research Award for research contributions.

Friends of the award recipients may join in the award banquet. For reservations, call Barbara Littlefair at 255-7651 in the college's Office of Alumni Affairs.

—Yong H. Kim



George and Katherine Abraham

Media Services

Beef production clinic planned

More than 150 beef producers from New York and neighboring states will gather at Cornell's Animal Science Teaching and Research Center at Harford, some 15 miles east of here, on Sept. 10 to learn the latest techniques for beef production.

The "Cow-Calf Clinic," the first of its kind ever sponsored by Cornell, will focus on the latest research findings in beef production, management recommendations, industry trends and marketing programs, according to William M. Greene, who is coordinating the day-long program. Green is a beef specialist in the College of Agriculture and Life Sciences.

Topics include:

- Techniques for evaluating superior bulls used for breeding beef cattle.
- Use of ultrasonic scanners to measure fat thickness and other characteristics of live beef cattle.
- Results of cattle feeding trials conducted at Cornell.

- Marketing options and programs available to beef producers in New York State.

The program also will feature a tour of hillside grazing areas near the center's beef research unit and demonstrations of live animal evaluation in terms of structure and type.

Greene said that New York beef producers had about 120,000 head of beef cows as of Jan. 1, 1988, a record since 1977. According to the New York Agricultural Statistics Service, Steuben County ranked first in the state with 6,100 beef cows, followed by Dutchess with 4,500 and Chautauqua with 4,300. Cattaraugus and St. Lawrence were tied with 3,600 head each.

The clinic, sponsored jointly by the Department of Animal Science and Cornell Cooperative Extension, begins with registration at 8 a.m., with the program beginning at 9 a.m. and ending at 5 p.m. For more information about the program, call William Greene at 255-2856.



Graduate Bulletin

Late Registration: Office of the registrar, 222 Day Hall.

Course Enrollment: Bring completed and signed course enrollment forms to Sage Graduate Center between 8:15 a.m. and 4:15 p.m. through Sept. 16. Course enrollment forms are available in campus mail boxes, graduate field offices and Sage Graduate Center.

Graduate Faculty Meeting: Sept. 9, at 4 p.m., in the General Committee Room, Sage Graduate Center, to vote on August degrees.

Fellowship Information: Many fellowships have fall deadlines for completed applications, so plan ahead for 1989-90 by consulting the Fellowship Notebook.

International law, continued from page 1

tures on the global environment, which he expects will be of interest well beyond the Law School. Each talk will be given at 4 p.m. Those that have been scheduled are:

- Sept. 19: Agricultural Economics Professor Duane Chapman will talk on the economic impact of domestic environmental regulation.

- Sept. 27: Henry Shue, director of the Program on Ethics and Public Life, will speak on "Thinking Globally about the Environment."

- Oct. 3: Paul Szaz, a Cornell Law graduate who is now on the United Nations legal staff, will discuss the legal role of international institutions.

- Oct. 18: Peter Jutro, director, Global Change Research, EPA, will speak on "The

Science and Politics of the Greenhouse Effect."

- Nov. 1: Deborah Kennedy, a state department attorney, will describe her experiences in the acid rain negotiations and the ozone protocols.

Aman, a Law School professor, is a specialist in constitutional law, regulation and administrative law. He replaced John J. Barcelo, the A. Robert Noll Professor of Law, who had directed the International Legal Studies Program since 1970.

The program offers a specialization in international law for students working towards a doctor of laws degree, and a masters in law program for overseas lawyers attending the Cornell Law School. This year 18 lawyers from seven countries are

working towards an L.L.M. degree from Cornell under the program. "They add a wonderful dimension to the school, bringing a deep knowledge of other systems of law to Cornell and engaging in cultural exchanges with our American students," Aman said.

In discussing the need for a global perspective, he noted that, "Increasingly our students are going to work for law firms that are themselves multinational. It is not at all uncommon any more for a large law firm to have offices in London and Beijing in addition to New York and Chicago. And these firms are increasingly representing clients that are multinational."

Two recent Cornell Law School graduates visited the school last term to describe

Wristwatch stolen

A \$2,500 watch and three couches worth \$1,200 were among \$6,369 worth of cash and valuables lost in 21 thefts on campus, according to the morning reports of the Department of Public Safety for Aug. 28 through Sept. 5.

The couches were taken from the first floor lounge of Cascadilla Hall, and the watch was stolen at the Risley Hall Tennis Courts. Other thefts include a \$660 computer hard disk taken from the Performing Arts Center, a \$500 ring stolen in Baker Laboratory and a \$550 digital telephone taken from Bradfield Hall.

There were six thefts of wallets and purses with losses of \$330 in cash and valuables. Two wallet thefts were in the Law School's Hughes Dining Hall, with losses totalling \$80.

A stuffed osprey, a diving bird of prey of the hawk family, was stolen from a display cabinet of birds in Stimson Hall sometime Sept. 2. Safety is investigating the incident.

their experiences in the international arena. Stephanie Mitchell, who learned Mandarin as a Cornell undergraduate, is now an international trade attorney with the U.S. Commerce Department. She had her first legal experience in China, advising American firms about a country that is developing a legal structure involving foreign private business for the first time in decades.

Alfredo Fernandez joined the New York firm of Winthrop, Stimson, Putnam and Roberts as a litigator, switched to banking law, and was recently in Argentina and Chile working on restructuring bank debt; his value to his firm enhanced because "I was the only one there who spoke Spanish, other than some of the messengers."

—Irv Chapman

Geneva experiment station to welcome visitors

Between 15,000 to 20,000 people from throughout New York and other northeastern states are expected to converge on the Agricultural Experiment Station at Geneva during an open house on Sept. 9 and 10.

"This is a time when those who wonder what goes on here can find out in detail," said R.E. 'Pat' Krauss, chairman of the open house program and assistant to station Director Robert A. Plane. "We are proud of the station's many accomplishments, and we are happy to share information about our research efforts with the public we serve."

Doors of the station's research facilities, including numerous laboratories and greenhouses, on the Geneva campus will be flung open to visitors. Research facilities are among the most modern and best equipped to be found anywhere in the world.

Also awaiting the visitors will be more than 100 exhibits depicting numerous research projects under way. Research scientists and support staff will be on hand to answer questions about the projects.

Guided bus tours of the station's sprawling experimental orchards, fields and vine-

yards are scheduled to depart every 15 minutes on both days.

One of the oldest agricultural experiment stations in the nation, the Geneva station came into being 106 years ago as a state-supported agricultural research center to "promote agriculture in New York State through scientific investigations and dissemination."

When the station began its operation in 1882, it had 125 acres of land and a 30-year-old farmhouse that was converted to laboratory, office and dormitory space.

Today, the station maintains 770 acres of land in Geneva and operates two substations, one in the Hudson Valley at Highland and another in Fredonia. The station is staffed by more than 350 full-time employees, including 68 research scientists responsible for more than 130 research projects, ranging from genetic engineering to seed technology.

The Geneva station is perhaps best known for its development of new fruit varieties, including more than 50 apple varieties, such as Empire, Cortland, Jonagold, Liberty and Freedom. Many new varieties

of grape, small fruits and vegetables also have been developed at the station through the years.

A highlight of the open house will be a ribbon-cutting ceremony marking the official opening of the newly created "New York State Food Venture Center" at 2 p.m. on Sept. 9. Plane and David L. Call, dean of the College of Agriculture and Life Sciences, will take part in the ceremony.

Established with grants from the State Department of Agriculture and Markets and Cornell, the center is designed to assist entrepreneurs in developing new food products in the state by offering guidance in the areas of regulatory requirements, storage, packaging, marketing and quality maintenance, among other aspects of the food business.

The establishment of the center resulted from a recommendation in a strategic plan developed last year during a statewide conference attended by more than 100 representatives of the state's food and vegetable industries.

The open house will be held from 9 a.m. through 4 p.m. on both days.

Bailey Hall tickets on sale

Tickets for the Bailey Hall and Statler Concert Series, which opens Oct. 17 with a performance by the Brandenburg Ensemble, are available at the Lincoln Hall ticket office from 9 a.m. to 1 p.m. (Telephone 255-5144).

Other performers in the Bailey Hall Series will include pianist Alicia deLarocha, on Nov. 17; the Chung Trio, on Dec. 4; pianist Alfred Brendel, on March 9; and soprano Marilyn Horne, on April 2.

During the spring semester, the Chamber Music Series will return to Statler Auditorium for a "Mostly Beethoven Festival" of three concerts.

Pianist Richard Goode, the Guarneri String Quartet and the Vienna Chamber Ensemble will perform.

Plant Center *continued from page 1*

The NSF award is part of a Plant Science Centers Program established by the Department of Agriculture (USDA), the Department of Energy (DOE) and NSF to encourage basic research and training in plant science. The objectives of the joint program are to improve the quality of food and fiber, increase the efficiency of their production, and develop new products to enhance the competitive position of U.S. agriculture and production of renewable resources.

"The center will provide critically needed support for graduate study in plant biology in order to ensure that promising students can receive top-rate training in the latest experimental strategies for studying plant genes," Hanson said.

"The Plant Science Center will tackle the economically significant problems in the increasingly competitive national and international marketplace," said David L. Call, dean of the College of Agriculture and Life Sciences. "As a major research university we have the responsibility to discover the basic principles that will make crop plant improvement possible. Working with industry, we can see these discoveries developed and applied. It will take continuing support of state and federal government to bring these new ideas to market for the benefit of U.S. and world consumers."

Scientists from disciplines representing four Cornell-affiliated organizations will be involved in the center's research: the College of Agriculture and Life Sciences, the College of Engineering, the Boyce Thompson Institute for Plant Research and the Agricultural Experiment Station at Geneva.

The 15 co-principal investigators in the center come from those organizations. They include: Elizabeth D. Earle, professor of plant breeding and biometry; Hanson, an associate professor of genetics and development; Stephen Howell, molecular biologist at the Boyce Thompson Institute; Andre Jagendorf, professor of plant physiology; Elizabeth B. Keller, professor of biochemistry, molecular and cell biology; Karen Kindle, senior research associate in biochemistry, molecular and cell biology; Molly Kyle, appointed assistant professor in plant breeding; Martha A. Mutschler, associate professor of plant breeding and biometry; June Nasrallah, assistant professor

of plant biology; John C. Sanford, associate professor of horticultural sciences; Steven Tanksley, associate professor of plant breeding and biometry; Hans Van Eten, professor of plant pathology; Edward D. Wolf, professor of electrical engineering; Ray Wu, professor of biochemistry, molecular and cell biology; and Milton Zaitlin, professor of plant pathology.

Among the features of the center will be:

- The Cell Culture and Transformation Facility, which will develop the latest technology for introducing genes into plant cells. Short-term trials will allow Cornell and visiting scientists to perform experiments and learn state-of-the-art methods for inserting engineered genes into plants.

- A technology development project aimed at learning to isolate important plant genes and to transfer genes into any genome of any plant species.

This will include further development of a novel process to introduce DNA into cells by shooting them with DNA-coated microprojectiles — the so-called biolistic process invented at Cornell by plant scientist John C. Sanford and electrical engineer Edward D. Wolf.

The microprojectile gun already has been used to produce genetically altered yeast and algae and the next step is to try to apply the method to crop plants.

- Training of the next generation of plant genetic engineers through undergraduate student summer appointments, assistant-



Claude Levit

Cornell's biotechnology building, which is about to open, will house the new Center for the Experimental Analysis and Transfer of Plant Genes.

ships for entering graduate students, fellowships for advanced graduate students and training for postdoctoral fellows.

- Technology transfer between the center and biotechnology companies and academic institutions through workshops, exchange of scientists and short-term visits to the center.

"Although a number of leading biotechnology companies have isolated useful genes and transferred them into certain plants, which are already in field trials, the majority of genes affecting agriculturally important traits remain to be isolated, characterized and engineered," Hanson said.

"Even after an engineered gene is ready, it's difficult or virtually impossible to transfer it to certain important crop plants such as wheat, corn, rice and soybeans."

Hanson said the center will emphasize research on plant genes that are not yet isolated or are not understood sufficiently to be engineered, and on transferring genes

into new locations in plants that have previously been resistant to genetic engineering.

She added that, "Because our focus will be on genes difficult to isolate, on genes not yet well studied, and on plants and plant genomes recalcitrant to genetic engineering, a lengthy period of in-laboratory technology development, gene analysis and basic research lies ahead before novel plants produced at the center can be taken to the field."

Simultaneously with the NSF announcement, the USDA announced the award of \$1.3 million to Michigan State University for the establishment of a Center for Genetic and Biochemical Alteration of Plant Lipids and Starch, and DOE announced the award of \$2.5 million to Arizona State University for a Center for the Study of Early Events in Photosynthesis.

The new Center for the Experimental Analysis and Transfer of Plant Genes is Cornell's seventh national research center.

—Roger Segelken

Theory Center *continued from page 1*

workshops on parallel processing for scientific users, and these will be expanded to include week-long training sessions.

The IBM 3090-600E is capable of a speed of about 700 megaflops (million floating point operations per second), meaning that the two machines could run well over one billion calculations per second.

In addition to obtaining a second supercomputer, the NSF grant will allow the center to proceed with projects to develop advanced supercomputer graphics.

The graphics effort includes advanced hardware and software for the center, as well as a joint effort with the Cornell Program of Computer Graphics to develop an unprecedented capability to "steer" calculations graphically.

With this graphics power, instead of performing a set of calculations and later building a picture for analysis, a scientist could see computer pictures form as the calculations are made. He or she then could decide in "real time" exactly how to control the computing process.

The Theory Center, whose formal name is the Center for Theory and Simulation in Science and Engineering, was established in 1985 as the first of NSF's five national supercomputer centers.

The others are at the John Von Neumann Center in Princeton, N.J., the University of California at San Diego, the University of Illinois and the University of Pittsburgh/Carnegie Mellon University.

The Cornell center, with its IBM super-

computer and additional processors from Floating Point Systems Inc., is the only center that concentrates on parallel processing, that is, learning to divide huge scientific problems into pieces to run simultaneously on different processors to speed their solution.

The Theory Center is a government-university-industry partnership that is funded by NSF, Cornell, the New York State Science and Technology Foundation and corporations, including members of the center's Corporate Research Institute.

This industry outreach program has established research partnerships with such corporations as IBM, Floating Point Systems, Coming Glass Works, Xerox Corp., General Electric Co., Ford Motor Co.,

Philip Morris USA and GenCorp Inc.

Cornell Vice President for University Relations John F. Burness said that the funding commitment by both corporations and the state of New York were important factors in the NSF's continuing support.

"Clearly, the companies that have invested in the Theory Center and New York State appreciate the huge return their investment can bring.

"For corporations, access to supercomputing and to the university's expertise will greatly aid their ability to compete. And for the state, the presence of one of the world's foremost computing centers enormously enhances New York's high-technology base and attractiveness to industry."

—Dennis Meredith

Networking

A Cornell Newsletter Published by Employees for Employees

Volume 9, Number 8

Thursday, September 8, 1988

Eight Cornell Employees Receive Dedicated Service Awards for September

The staff of Cornell Plantations presents a very special group of men as employees of the month. These men are the Cornell Plantations' crew.

Our crew is made up of eight incredible individuals. They are Hal Martin, Arboretum manager and crew coordinator; Elmer Lehman, 25-year veteran and invaluable crew member; Bill Sherwood and Monte Phillips, field specialists; Adam Gwardyak, the mechanic who keeps our vehicles running; Perry Husted, tree-man and head of the mowing crew; Gerry Sciarra, horticulturalist who keeps a constant watch on the health of our trees and shrubs; and Steve Chupp who serves in so many capacities they're impossible to list.

These men are always available and willing to see to the care and maintenance of Cornell Plantations. They do it with more than just the attitude of this is a job -- they care. These men have been known to go that extra mile on more than one occasion to be sure the buildings and grounds look their best. Not only do they make inanimate objects look good, but their care and commitment makes us all look good. They are always willing to help all the staff of Plantations. Their attitude facilitates the Cornell Plantations working relationship, one not to be matched by any other department on campus. And for these reasons, we believe they are more than deserving of the Dedicated Service Award.



The Cornell Plantations crew: (left to right) M. Phillips, E. Lehman, S. Chupp, W. Sherwood, G. Sciarra, H. Martin, A. Gwardyak, P. Husted.

Task Force on Working Families Appointed

By Carolyn McPherson

The day care teacher calls to say Cindy, 4, has the chicken pox.

The doctor says Ralph, 16, who suffered head and back injuries in a recent car accident, needs full-time care when he leaves the hospital.

A neighbor calls to say Mamie, 82, fell and broke her hip.

These people are not Cornell employees but their situations will affect the work of Cornell employees.

"The issues of child care and elder care are in the forefront for many Cornell employees," said Joycelyn Hart, associate vice president for human relations. "Because of this, we have decided to set up a Task Force for Working Families to pull together the various constituencies of employees to review Cornell's policies, procedures, benefits, and resources as they relate to family care."

Hart asked the Task Force to identify the needs of Cornell employees who are responsible for the care of others, review the university's policies and resources that can contribute to family care, then recommend changes to policies and practices that will help employees balance work and home responsibilities.

The idea for the Task Force originated in a meeting of the Employee Assembly Ad Hoc Committee on Child Care with Jay Morley, senior vice president; Lee Snyder, human resources director; and Joycelyn Hart.

"After meeting with our committee and hearing about the impact of family issues on employees, they saw the enormity of the problem," said Kris DeLuca-Beach, Human Ecology. "Family issues pervade the workplace and will get bigger. Jay Morley wants to make the situa-

tion better. He saw the need to pull together people from various groups concerned about family issues."

Employees accepted appointment to the Task Force for a variety of reasons. Mitchel Abolafia, JGSM, said, "The relationship between families and work organizations is only now beginning to be understood, and I see this as an opportunity to be involved in developing that understanding."

"I represent groups often overlooked -- people who are adoptive, foster and single parents," said Diane Hillmann, law library. "I'd like to see the university give tangible support to nontraditional parents who are doing a necessary job. Adoptive parents need time with their children when they arrive, but the parents often can't afford to give up their income to take a department or university leave."

"If I can make it easier for working parents in the future, I want to do that," said Kris DeLuca-Beach. "I don't think I will benefit personally from the changes, but maybe it will be easier for my children and grandchildren."

Other members of the Task Force are Marge Swiercz Clark, Human Resources; Nancy Flynn, Computer Services; John Ford, Human Service Studies; Ward Ganger, Dining; Judy Jackson, Engineering; Luran Jacoby, Human Resources; Marianne Marsh, English; Dick Mosher, Residence Life; Danilee Poppensiek, Ombudsman's Office; Marcia Sawyer, Veterinary Administration; Polly Spedding, Human Development and Family Studies; and Cynthia Telage, Engineering.

Staff serving in ex-officio capacity are Lillie McLaughlin and Carolyn McPherson, Equal Opportunity; Marilyn Paluba, Human Resources; and Barbara Ward, Human Relations.

Tickets on Sale Now for Employee Day

You have only four more days - Thursday, Friday, Monday and Tuesday - to buy your chicken barbecue tickets for the 14th annual Employee Day - a day which recognizes the importance of each individual to Cornell and also strengthens our university community.

Ticket sales for the barbecue (\$3.00 each) end on Tuesday, September 13, although you may buy your discount football tickets (\$2.00 each) until Friday, September 16. Tickets for both the barbecue and football game are on sale at Gruman Ticket Office. Limit: four tickets.

Game time is set for 1:00pm as the Big Red takes on the Princeton Tigers in the home opener. The chicken barbecue follows the game in Barton Hall from 3:30pm until 5:30pm and once again special Employee Day exhibits will be displayed.

We're so pleased that the Cornell Jazz

Ensemble will play in Barton Hall from 3:30pm until 6:00pm, so why not consider bringing your family and joining your fellow employees for a great afternoon of football, food, fun and terrific music.

Volunteers are still needed for set up and take down and we'd welcome any support you could provide. All volunteers receive a complimentary barbecue ticket. Call Janet Beebe, 5-7565 to volunteer.

Free shuttle bus service will be available between B-Lot and Schoellkopf Field before and after the game and after the barbecue. Buses will run between 12:00 noon and 1:30pm and again between 3:30pm and 6:00pm.

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.



Employee Day 1987

Sharing a Job, Enhancing Your Life

By Nancy Morris

Job sharing: an unproven concept, more trouble than it's worth? Or a viable solution to the demands that face working women today? Sue Hitchcock and Dian Smith will tell you it's the latter.

Sue Hitchcock started work at Cornell as a financial aid counselor. When she became pregnant with her first child, she went to Personnel to inquire about part-time employment at the professional level. Sue was lucky because a half-time position, assistant director for the Cornell Tradition Fellowship program in the Student Employment Office, became available in May 1984, just four months after her baby was born. "The timing couldn't have been better," says Sue. She arranged to work three shortened days a week.

After about a year, however, "The program had ballooned," and the job could no longer be handled by a part-time person. Splitting the position between two part-time people was not the answer, because the job required continuity, a day-to-day awareness of "the whole picture." So Sue went to Personnel with a new request: "What about a job share?"

Unfortunately, there were no precedents to refer to. Personnel wondered if it would cost the department extra money and time; there would be an additional person to supervise; instructions would have to be given twice; work styles might differ; setting up a desk for two people occupying one space would be a problem. "What if you like the stapler on the right side of the desk and the other person likes it on the left?" Sue was asked. She recognized these concerns were valid, so she decided to make sure her idea would



Sue Hitchcock and Dian Smith

work by finding the other person herself. She placed ads in local papers and began interviewing applicants.

Meanwhile, Dian Smith was taking a different path. Like Sue, she had also worked in the Financial Aid Office, and continued working there full-time even after the birth of her first child in July 1983. This period was stressful, Dian explains, because her job required a lot of overtime, so she left Cornell early in 1985 to take a job nearer home.

Sue called Dian, her former coworker. "I'd known her and her work style, and I knew we'd be compatible," says Sue. She and Dian wanted the job for the same reasons: Not as a step toward full-time work, but as a way to balance a stimulating job and family commitments. Both women decided they could work well together, and were eager to take on the project. "Not only did I have to prove myself in a new position," Dian says now, "but we had to prove that the job share could work."

From all indications, they have succeeded: Sue and Dian have shared their job for the past three years. Both women come to work on Tuesday morning for staff meetings and to plan the "game plan" for the following week. Each partner works 20 hours per week, and they agree, "We've accomplished much more than one person could possibly do."

They have also defused some objections along the way. Would everything have to be relayed twice? The partners say, "Whatever the message, tell it to one of us; we'll see that the other knows too." A letter begun by one partner can be fin-

ished by the other. Sue and Dian are constantly available to each other on the phone and they stay current on every aspect of the job.

A prejudice that Sue and Dian have had to dispel is the assumption that a person sharing a job won't take that job as seriously as a full-time employee would. On the contrary, both partners view their position as a long-term commitment. They feel that the job share enables them to bring to their work a degree of creativity, intensity and energy that might not otherwise be possible. And because they split the job benefits, they cover for each other and the position is never left untended because of sickness or vacation.

Finally, both women say their lives have been enriched. They report more peace of mind, increased productivity and less stress. Their schedules allow time for chores and errands, so they can concentrate fully on the job when they're at work, without worrying about the home front. As Sue and Dian have seen, the superwoman role can be impossible. Women who try too hard to be both a capable administrator and a good parent can wind up feeling guilty because they can't give 100% to either job. Job sharing, they feel, is the answer.

The decision of whether to implement job sharing is up to each department, so Sue offers the suggestion to other people who might be interested: "Go to your supervisor." In these times of increased economic demands, concern about child care, and revised family priorities, it's an option well worth considering.

Personal Growth Workshops

New series begins the week of September 12. Topics include Assertiveness; Building Self-Esteem; Building Satisfying Relationships; Stress Management; Women, Food and Self-Esteem; Lesbian-Bisexual, a support group for women, (ongoing, meets Wed. 7-9pm, 103 Barnes Hall); Gay-Bisexual, a support group for men; Older Students Support Group; Graduate Student Support Group and Ease and Balance through Awareness in Movement. All groups are free and confidential. Open to all members of the Cornell community. Sign-ups begin Tuesday, August 30. For more information or to sign up, call 255-3608 or stop by 103 Barnes Hall.

Choosing the Preschool for Your Child

As summer ends and the new school year begins, many parents begin looking into, and choosing between, available preschools. The importance of trained teachers who enjoy, understand, and can lead children and provide ample opportunities for creative work and imaginative play, is essential. How teachers get along with the children is really what makes the school or program. Within each category -- nursery schools, Montessori schools, and day-care programs (either center-oriented or home-care oriented) -- there are great differences in quality and spirit. Visit for an hour or more, over several days, the preschool you are considering until you are satisfied. Although some programs request a planned visit, occasional unannounced visits provide a realistic view of the daily routine.

How can you tell whether a program is a good one? Space indoors and out, equipment, small places where one or two children can play quietly away from the group, enough teachers and assistants (1 for every 5 children) are all important.

Most significant is the attitude of the teacher or care-taker and the children's response. Are the teachers fussing over mechanical matters, talking to the whole group at once and lecturing? Do they act over-burdened or overwhelmed? Or are they spending most of their time with individual children, helping them with their requests and looking at them in the eye and smiling at them? Do they encourage them to find answers and to create

their own pictures, buildings and dramatic situations? Are the children relaxed? Is there a sense of trust in the teacher and do the children turn to them for help? Consider the interaction, cooperation, and positive level of the relationship between child and teacher, and the friendly relationship between children. Further, discuss with the teacher the curriculum, routine and daily activities. A consistent,

planned routine helps young children feel most comfortable. An environment where they can count on playtime, lunch, nap, etc. on a daily schedule provides an increase in self-confidence and a sense of security and well-being.

The EAP is available to help with childhood developmental issues, parenting, and other concerns. You can reach us at 273-1129.

Volunteers Needed

Ithaca Rape Crisis seeks concerned women to be volunteer counselors and is now accepting applications for its fall training program. Counselors are involved in short-term counseling and act as advocates for sexual assault survivors and their significant others. No previous experience necessary. For further information contact Ithaca Rape Crisis, PO Box 713, Ithaca, NY 14851 or call 273-5589.

Noon Hour Aerobics

Instructor Amy Brill
September 12 - December 9, 1988
Helen Newman Gymnasium
12:25-1:25
M-W-F
Fee: \$50 (fee must be paid in advance -- no exceptions!)
Contact Debbie Gatch, 5-5133, Helen Newman Hall, Main Office

Employee Calendar

Events of Particular Interest to Cornell Employees

Friday, September 9. Blood Pressure clinic, Ives Hall, Faculty Lounge, 1:30-4:30.

Tuesday, September 13. Blood Pressure clinic, Baker Lab, Room 132, 8:30-12:00.

Wednesday, September 14. Blood Pressure clinic, Bard Hall, Lounge, 9:00-12:00.

Wednesday, September 14. Blood Pressure clinic, Rice Hall, Room 205, 1:30-3:30.

Saturday, September 17. 14th Annual Employee Day. Tickets available at Grumman Squash Court Ticket Office through September 13.

Tuesday, September 20. Blood Pressure clinic, Clark Hall, Room E-18, 8:30-12:00.

Tuesday, September 20. Blood Pressure clinic, Clark Hall, Room 243, 1:00-3:00.

Wednesday, September 21. Blood Pressure clinic, Roberts Hall, Room 8, 9:00-2:00.

Saturday, September 24. Pig-steak roast at the CRC Park. Tickets available at 165 Day Hall until September 9.

Tuesday, September 27. Blood Pressure clinic, Day Hall, 3rd Floor Conference Room, 9:00-4:00.

Wednesday, September 28. Blood Pressure clinic, A.D. White House Library, 1:00-3:00.

Friday, September 30-October 2. Deep sea fishing - \$110 per member includes bait, tackle, transportation, beer and accommodations, and continental breakfast in Seabrook. Call CRC form more information.

Saturday, December 3. NYS-Radio City Music Hall. Sign up now at the CRC Office for a memorable trip to New York and the Radio City Music Hall.

Saturday, December 10. Holiday dinner dance at TC3 in Dryden, NY. Tickets will be sold at the CRC office soon.

Saturday, December 17. Children's Christmas party - all children and grandchildren of CRC members are invited to attend Christmas party to be held at Helen Newman Lounge. Please contact the CRC office at 5-7565.

Blood Pressure Clinics

Blood pressure clinics for September
Friday, September 9 - Ives Hall, Faculty Lounge - 1:30-4:30

Tuesday, September 13 - Baker Lab, Room 132 - 8:30-12:00

Wednesday, September 14 - Bard Hall, Lounge - 9:00-12:00

Wednesday, September 14 - Rice Hall, Room 205 - 1:30-3:30

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Wednesday, September 21 - Roberts Hall, Room 8 - 9:00-2:00

Tuesday, September 27 - Day Hall, 3rd Floor Conference Room - 9:00-4:00

Wednesday, September 28 - A.D. White House Library - 1:00-3:00

Parents Be Heard!

Students enrolled in the course "Preparation for Field Work" in the Field and International Study Program of the College of Human Ecology will be conducting a study of the needs and concerns of working parents at Cornell. The purpose of this "action-research project" is to gather evidence which may impact upon university policy relative to balancing work and family. Working parents are needed as volunteers to be interviewed. All information will be gathered and disseminated with strict confidentiality and the anonymity of interviewees assured.

Students will interview employees

individually or in groups of employees in similar occupations. The process will take approximately one hour per interview and will be arranged at your convenience. The interviews will take place between mid-October and Thanksgiving. The students' findings will be presented to the university community on the evening of December 1. This is your opportunity to express your experiences of juggling career and family life as well as to make suggestions for possible assistance from your employer. If you are able to participate, please contact Judy Kugelmass, course instructor, at the Field and International Study Program as soon as possible at 5-6579.



Bernadette D'Amico Named Outstanding Employee at Geneva Experiment Station

Now Retired, Bernadette D'Amico Named Outstanding Employee at Cornell's Geneva Experiment Station

A Geneva woman who retired last month from Cornell University's NYS Agricultural Experiment Station has been named by a committee of her peers as "Outstanding Employee," an award given semiannually for significant contributions at the station.

Bernadette D'Amico, who until recently was a resident of West Lake Road, Geneva, served 20 years before retiring. She had been a member of the Buildings and Properties unit, the group in charge of the physical plant, transportation, utilities, repairs and other responsibilities at the station.

During her two decades at Cornell, Mrs. D'Amico was three times elected an

employee senator to the university's governing system (in the 1970s). A regents-honor graduate of DeSales High School, she worked at Hobart College, New York Telephone, the Geneva Pennysaver, and at City Hall, before joining the Experiment Station staff.

A recent performance evaluation described her as "dependable, resourceful, well-organized and respected." The Outstanding Employee Award is sponsored by the Geneva Employee Council of Cornell University.

Mrs. D'Amico is past unit chairperson and past county chairperson of the American Legion auxiliary and is active in church work at St. Francis DeSales. Bernadette and her husband, Francis, have four children. They plan to spend summers on Seneca Lake and winters in Florida during their retirement.



Bernadette D'Amico

Equal Opportunity Practice Interview Program

Do you wonder how an employer reacts to your application and resume? Would you like to practice an interview?

Do you wish you had a better idea about how to get a job at Cornell?

If so, the Practice Interview Program offered by Cornell's Office of Equal Opportunity can help.

This program is designed to help minorities, women, persons with disabilities, older adults and Vietnam-era veterans improve the way they present themselves to employers.

While the program does not guarantee a job at Cornell, it does give Cornell applicants and employees

- a chance to discuss how to get the job they want,
- help with applications and resumes,
- a practice interview and feedback on how it went.

For more information, call the Office of Equal Opportunity, 5-3976.

Cornell Employees' United Way Campaign

We all have a wonderful opportunity to "Make a difference the United Way" as the 1988-89 Cornell Employees' United Way Campaign kicks off Friday, September 30 under the leadership of Mary Nicotera, assistant to the controller and Provost Emeritus Keith Kennedy.

"Make a Difference the United Way" is this year's slogan and we're proud to tell you that one of our own Cornell students - Communication student Katherine Knowlton - created the "Make a Difference the United Way" theme which will be used to bring the Tompkins County campaign communication into focus.

Campaign co-chairperson Mary Nicotera has been involved with Cornell United Way activities for four years although her interest in the organization goes back a long way and has a firm foundation - her family was always involved in and talked about the United Way at home.

"Here at Cornell a few years ago, someone asked if I'd help out with the campaign," Mary states, "and I've been involved ever since. Personally, I'll be putting forth some extra effort in the memory of a very special person who won't be able to be a part of his county's campaign."

When asked how the campaigns have changed over the years, Mary notes that the biggest change seems to be in the number of people who volunteer their time and energy.

"The campaign is really exciting this year - we have more volunteers than ever and we are ready early in the campaign schedule. So many people have called up and asked if they could do something to help. And that's great!"

Did you know that over 300 of your fellow employees are part of a volunteer network that is providing leadership for the Cornell Employees' United Way goal? These volunteers are part of a group who will be available to your answer questions on the United Way and encourage you to consider being part of the United Way campaign this year.

One of those employee volunteers is Linda Van Ness, coordinator of Engineering Co-op, Engineering, who is the campaign coordinator and a deputy group chairperson.

Other deputy group chairpersons include: Mary Nicotera; Ken Wing, associate dean in Agriculture and Life

Sciences; David Solomon, administrative manager, LASSP; Ben DeWinter, director of Cornell Abroad; Rosanne Murphy, senior systems analyst, Computer Services; Frank Clifford, Cornell retiree; James Spencer, former vice provost; Clint Sidle, director of Institutional Planning and Analysis; Joel Zumoff, senior project leader, Computer Services; Laing Kennedy, director of Athletics; Bing Cady, associate dean, Engineering.

Laurie Roberts, employee communication manager, Office of Human Resources and Jane LeGro, resident aid, Institutional Planning, share responsibility for publicity.

Campaign co-chair Keith Kennedy notes, "One of the goals we have set for this year's campaign is to contact every employee to offer information and answer questions regarding the United Way."

"We're very eager to exceed the

Kicks Off September 30

MAKE A
DIFFERENCE
THE
UNITED WAY

number of participants this year. Last year we had a 46.5% participation of Cornell employees and I'd love to see us set an all-time record for participation for this 1988-89 campaign," he continues.

The Cornell Employees' United Way campaign will kickoff in about three weeks on September 30 and the many volunteers invite you to become an active participant before the campaign wraps

up on November 15, 1988. Our goal this year is to raise \$439,000 which is \$25,164 more than last year.

As a major employer in Tompkins County, the Cornell Employees' Campaign contributes about one-third of the funds raised which provide financial support to 24 county-wide human service organizations and 13 community councils and centers. This represents over 140 community-based programs.

This year the Cornell Employees' United Way campaign will be represented with an exhibit at Employee Day in Barton Hall on Saturday, September 17. We encourage you to take a moment when you receive your brochure and pledge card and consider the wonderful opportunity we all have to make a difference the United Way.

Staff Participation in the Personal Growth Workshops Program

Are you a Cornell staff person who would like to learn to communicate better with family, friends and colleagues? Do you wish you were more assertive with your spouse, children, supervisor, parents and friends? Would you like to feel better about who you are? The Personal Growth Workshop program offers a range of topics that help you learn new skills in communication, assertiveness and self-esteem. The workshops are also designed to heighten awareness of the strengths

and resources you already possess.

All workshops are free, confidential and open to staff, faculty and students. They are small and short-term, with the focus on building a support system and learning new skills. They are facilitated by trained volunteers under the supervision of a professional counselor. Staff can benefit by learning how to function more competently and cooperatively in day-to-day interactions. The skills are also useful for job development and promotion.

Help People Find the Help They Need -- Volunteer for Information and Referral

Help People Find the Help They Need -- Volunteer for Information and Referral The Information and Referral Service needs good communicators to staff its phone line. Phone staff at I & R learn a lot about human services while helping others get the help they need. Working at I & R means learning where people can go for emergency food, learning what services provide free legal assistance, and communicating these options in a sensitive, caring way. If this type of work interests

you, contact Cathy Richardson at 272-9331. In addition, I & R is currently accepting applicants for a fall internship in publicity coordination. Fall training starts September 14, so call soon for more information.

Address Change

If your campus mail is incorrectly addressed or you have recently changed work locations, to correct the address, please send the following information to Human Resource Information, 147 Day Hall: your name, your social security number, new address. Allow three weeks for the change to become effective.

Some comments from past staff participants include:

"I learned to identify faulty thinking patterns and feelings about myself and I learned skills to change and become more the person I want to be."

"I found the workshop to be one of the most friendly and open experiences I've had. The people were very supportive and nonjudgmental."

The next series of Personal Growth Workshops begin the week of September 12. Sign-ups begin Tuesday, August 30. The series will be repeated beginning early November. For more complete information or to register, please call 255-3608 or stop by 103 Barnes Hall.

Networking Deadlines

September 12 for September 22
September 26 for October 6
October 10 for October 20
November 7 for November 17
November 28 for December 8
December 12 for December 22
January 9 for January 19, 1989
January 23 for February 2, 1989

1988 Holiday Schedule

The following holiday schedule for nonacademic employees is listed below.

HOLIDAY	CORNELL'S DAY OF OBSERVANCE
Thanksgiving	Thursday, November 24
	Friday, November 25
Winter Holiday Period (6 days)	Monday, December 26
	Tuesday, December 27
	Wednesday, December 28
	Thursday, December 29
	Friday, December 30
	Monday, January 2, 1989

If you have any questions regarding the holiday schedule, please call Employee Relations at 5-7206.

Editorial Board

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Unclassified Ads

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 issue is September.

7. If an error appears in your ad, please resubmit the ad

Unclassified Ads Address Change

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

to be published in next available Networking.

8. Please submit an ad for each issue that the ad should appear in.

For Sale

1987 Camaro, T-top, tinted windows, Am-FM cassette, \$11,000; 1986 Monte Carlo LS, T-top, loaded, \$10,000. 5-2744 days or 272-5106 eves.

1984 Turbo Dodge Daytona, mint cond, very good price. (607) 535-2877 after 6pm.

1984 Chevy Cavalier, exc cond, from California, one winter, one owner, AC, PS, PB, auto, AM-FM, cruise, new brakes, shocks, muffler, 73k miles, \$3,000. 257-8195.

Transfers and Promotions for August

EMPLOYEE

Mary Alo
Paula Andary
Jon Austin
Diane Banfield
Burlin Barr
Glenn Beardsley
R. T. Beavers
Sherri Bergman
RoseMarie Bobnick
Paul Bowman
Linda Brownridge
Sharon Burhart
Linda Carlisle
Robin L. Ciaschi
Paula Clark
Susan Clark
Richard Cochran
Michael Collins
Laurie Damiani
D. Di Domenico
Theresa Dillon
Judith Eckard
Vicki Feinberg
Ruth Finness
Margaret Fluman
Susan Garey
Bruce Granger
Karen Grant
Lisa Gregory
Richard Griffin
Debra Gulini
Debra Hatfield
Sandra Heffron
Michael Heisler
Stephaanie Henkel
Amy Horner
Bertha Hubbell
Nancy Hutter
Mark Johnson
Diana L. Kelsey
Nancy Kilpatrick
Peter Kirlew
Elaine LaRocque
Sandra Litwhiler
Mary Lombard
Kathy Lynch
Suzanne Miller
James Millspaugh
Shannon Monroe
Richard Mooney
Charles Myers
Cynthia Pakkala
Joyce Paleen
Sigrid Peterson
Steven Phayre
Harold Phoenix
Margaret Place
Patricia Place
Cheryl Platt
maryanne Reagan
Alison Reissman
Michael Riley
Lisa Robinson
Marvin Roorda
Kathryn Rorick
Annette Russell
Diane Russell
Betty Saget
Sylvia Scheffler
Benjamin Schwarz
Jeannette Shady
M. Renee Shiffler
Frances Shumway
Karen K. Smith
Brenda Stewart
Carla Sutherland
Karen Tavelli
Cheryl Taylor
T. Thannhauser
Cheryl Thompson
Inge Tibke
Yvonne Thomas
Roy Trask
Ronald Watkins
Ann Weibel
Elizabeth Wesche
Helen Wilkins
Sandra Wold
Nancy Wyatt
Thomas Young

DEPARTMENT

Finance & Business
Vet College
Unions & Activities
Vet College
University Press
Finance & Business
Life Safety
University Development
Floriculture & Ornamental Horticulture
Facilities
NAIC
Nutritional Sciences
Hotel Administration
Animal Science
Public Affairs
Hotel Administration
Material Science Center
Print Shop
East Asia Programs
Chemistry
Ecology-Systems
Transportation
Computer Science
Health Services
Computer Services
University Controller
University Press
Accounting
Animal Science
University Press
Financial Aid
Physics
Human Ecology
Material Science Center
Engineering
University Development
Hotel Administration
City & Regional Planning
Athletics
University Press
Bursar's Office
Agronomy
Computer Services
Public Affairs
Summer Session
Cornell Abroad
Floriculture & Ornamental Horticulture
Ag. Dean's Office
Human Ecology
Building Care
University Press
City & Regional Planning
Science, Tech & Society
Music
Dining Services
CU Transit
Graduate School
University Relations
Facilities
Theory Center
University Libraries
University Development
Theory Center
Animal Science
Dining Services
Support Services
Engineering
Vet College
CRSR
Theory Center
Alumni Affairs
Natural Resources
Computer Science
East Asia Programs
Vet College
University Development
Agronomy
Health Services
Chemistry
Vegetable Crops
University Press
Building Care
Employee Calendar
Life Safety
University Libraries
JGSM
University Libraries
University Libraries
Plant Pathology
University Relations
Computer Services

1983 Honda GL650 Silver Wing, 2 cyl, watercooled, 1,700 miles, new, windshield, saddlebags, helmet, \$2,500. Barbara 3-3857 9-11am.

1983 Plymouth Horizon, automatic, 5 dr, new engine, tires and many other parts, good cond, no rust, moving abroad, must sell, \$2,800 OBO. Wei 5-4789.

1983 F250 Pick-up, 4x4, power steering, power brakes, AM-FM radio with cassette, V6, 4 spd, intermittent wipers, no rust, very good cond. Michele 5-5322 until 4pm or 589-4687 after 5pm.

1982 Plymouth Reliant wagon, auto, AC, \$1,800; alto saxophone, just repadded, \$350; assorted storm windows, 8, \$10 for all. Steve 5-2774 or 659-4925 eves and weekends.

1982 Datsun 310, hatchback, brown, AM-FM cassette, new clutch, new trans, \$1,200; 4 bentwood chairs, leather seats (green), \$64. 5-1972 days or 277-4863 eves.

1980 Plymouth Champ, auto, new rotors, brakes and exhaust system, needs work or good for parts, \$250 OBO. Tami 5-5581 or 589-4714.

1977 Chevrolet van, factory customized interior, V8, PS, PB, automatic, AM-FM, cassette, steel-belted radials, trailer package, exc cond, western car, asking \$2,800, must see to appreciate. 257-7581 eves.

1976 Mustang hatchback, 4 spd, 4 cyl, runs well, recent inspection, \$800 OBO. 257-0174.

1975 Open Manta, std, good winter starter, \$650 OBO. 277-3110 or 272-3692 after 6pm.

1974 Volvo wagon, new tires and brakes in '87, \$900 OBO. 533-4020.

1973 Grampian 23 sailboat, exc cond, 9hp elec start and tandem axle trailer, new sails (3), head, refr, microwave and many extras, sleeps 5, list \$9,500, sell \$8,000. 5-2159 days or 272-1181 eves.

1971 Chevy 4x4, 1-2 ton pickup, runs well, good woods truck, \$1,200 OBO. 3-3411 days or 539-6146 after 5pm.

1971 Chrysler 18' 170 hp I-O with trailer, \$3,200 neg. 273-7134.

Brand new Kamasur VRX 250 (moped) only test-driven, 100 miles per gallon, axle-drive, good for running around town, does not require motorcycle license, will bring to you to show and deliver. \$350. Curt or Pam 5-5014 or 589-4214.

Bicycle Schwinn Tornado, boys ages 5-9, pedal brakes, black and yellow, exc. 257-0833 eves.

Bike, Centurion 25", racing or touring, \$175. Jenifer 5-3145 ext 27 days or 277-7237 eves.

Boys 20 inch Sears BMX bike, good cond, \$50 neg. 272-0544 eves.

Winter radials P175-80R13, USA Stratacaster elec guitar, infant car seat, single daybed, men's lrg firefighter coat, baby clothes 0-12 mos, boys BMX bike, 7" traverse rod, exercycle, ceramic clown lamp, 533-4576.

Do you have a Monte Carlo Supersport? If you do, I have a black nose mask for it, only \$20. Dot 5-3152 days or 272-4271 eves.

Four days, three nights, Divi Bahamas for two, plus \$100 coupon off airfare, good through December 15, 1988. 277-5922 after 5pm.

Moving sale: 1963 Ford Falcon wagon, refrigerator, dishwasher, dressers, sofa, TV console, coffee-table, table sets, elec sweeper, carpet shampooer, bar, picnic table, desk. 564-7488 days or eves.

Bee supplies, hive bodies, frames, foundation, completely assembled and painted. 3-3411 days or 539-6146 after 5pm.

Genuine Balans chair, \$100; new-looking oak table, seats 6, \$125; sturdy hard-wood dresser, suitable for children. \$75; portable heater, radiator-style, \$30. 272-6661.

Apple II Plus, lots of software, keyboard, monitor, joystick and tutorials included, 64K, \$325. 277-1830 or 387-9545.

Minolta EP310, exc cond, moving top, 30 day warranty parts and labor except drum, recently overhauled, 15 copies-minute, incl. supplies, paper, parts, \$500. Eileen 5-3228 or 277-7593.

Apple II software-hardware: PFS, VISICORP, ASCII Express, telecommunications interface, grappler cable, childrens, send for itemized list: Apple II, 71 Brooktondale Rd, Ithaca 14850.

IBM Selectric typewriter, good shape, \$100. Ann 5-6224.

Two Phillips Micom 3004 Dedicated word processors, includes records processing, spelling, greek math, training manuals, diskettes, two sets system documentation, Diablo 630 extended character set final copy printer with Diablo feeder and Philips GP-300 L Dot Matrix printer. Sandy or Sue 5-2470 weekdays 8-4pm.

Guitar, Yamaha FG 335 steel string, like new, includes case, \$175. 3-3411 days or 539-6146 after 5pm.

Windows - 3, double-hung, wooden, single-pane, rough opening, 36" W x 65" H, \$60 each; 5, double-hung, aluminum, storm with 1-2 screen, 30" W x 59" H, \$20 each. 273-7510 or 5-1115.

Hot water heat boiler, combination wood-coal-propane fired, 100,000 BTU output, 4 yrs old, controls included, \$1,500. Jerry 5-2329.

Self-cleaning elec range, exc cond, \$150 OBO; canners, \$5; country-style insulated curtains and hardware, \$20; ladies size 8 1-2 ski boots, \$20; various curtains and draperies. Anne 5-2234.

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

3 elec fixtures for kitchen and dining room in exc cond, \$10 each. 5-6587 days or 273-1024 after 6pm.

Two bdrm mobile home, 12x50, in park on Hanshaw Rd, \$4,800. Roberta 5-5507 or 257-4185 eves and weekends.

Mobile home, 14x64, Hillside Acres, Varna, 2 bdrm, lrg kit-dining, bath; all appliances; carpet, patio awnings; shed; everything in exc cond. Dot 5-3152 days or 272-4271 eves and weekends.

Mobile home, remodeled, 2 bdrm and spare room, 1 mile from Cu, set up in nice mobile home park, \$13,000 neg. 277-4381.

Registered Morgan yearling filly, solid chestnut, top bloodlines, intelligent and affectionate, exc show-horse prospect, will mature about 14.2 hands, need space, asking \$1,200. Judy 315-946-4953 eves or 122-274 days.

AKC Collie pups, 2 litters and some adults, tri and sable, smooth and rough, eye test, shots, wormed and ready to go. Eves best (607) 347-4860.

Wanted

Used refrigerator, used washer and dryer (currently working well), wooden freestanding glider porch or yard swing. Susanne 5-9536 or 273-7642 eves.

Visiting academic seeks car for fall semester, prefer rent, but will buy med-lrg US make at around \$1,000. 5-7592 or 277-4400.

Cushions, 25"x22"x5": Kodak carousel projector, auto focus. Judy 5-6935 or 564-7625.

Used, light-weight canoe for lake, slow river use. 272-0544 eves.

For Rent

London, England: 3 bdrm house, Jan-Aug, '89; lrg kitchen, garden, dishwasher, washer, central heating, near Hampstead Heath, 10 min train ride from ctrl London, \$1,300 per month. G. Boyer - 2752.

Lovely six bdrm house, avail Aug 15, '88, well maintained, located close to The Commons, 539-6545 or 387-5673.

Fall Creek, very nice 3 bdrm, 2 bath, wall-to-wall carpeting, recently remodeled house, lrg rooms, dishwasher, Jenn-air charcoal grill, double ovens, lots of

cupboards and counterspace, custom-made kitchen, utils included, avail immediately. 272-3598 or 272-9100 or 5-2127 anytime.

Roommate wanted to share expenses in Spencer as well as possible in two bdrm trailer or apt. Jayne 5-7018 or Autumn 273-3210, x 2336.

Carpool

From Cortland (Maple Ave.) to CU, M-F, 8-9am and 4:30-5:30pm, will consider other times. Looking for ride or shared driving. Dave 5-2122 or 756-4696.

Cornell Recreation Club News

PIG-STEAK ROAST AT THE CRC PARK - September 24, 1988

Come join the festivities at the CRC Park from 1pm to 5pm. The price per ticket is \$5, \$2 buys a beer or soda ticket. Lemonade and ice tea will be available. Children under 14 are admitted free. BRING A DISH TO PASS! Proceeds from this event go to our park fund. Tickets available at 165 Day Hall until September 9.

DEEP SEA FISHING - September 30-October 2, 1988

Let's go fishing! There is plenty of room for everyone on the Yankee Fleet's "Dolphin." For only \$110 per member, you'll receive your bait, tackle, transportation, beer and accommodations, and continental breakfast in Seabrook. Final payment is due on September 15. We have to have 35 people signed up for this trip to go.

NYS-RADIO CITY MUSIC HALL - December 3, 1988

Enjoy the holiday season: the crowds, the decoration, the window displays! Enjoy a full day of shopping or sightseeing before attending the 9pm performance of the magnificent Christmas spectacular at Radio City Music Hall.

CRC is offering you a choice of a day trip for \$60 per member, or an overnight trip costing \$100 per member double occupancy. A \$20 deposit is required within five days of reserving space, with the final payment due on Thursday, November 17. If you would like to see a show on Broadway, I have the number that you may call for information and tickets. Sign up now for a memorable trip to New York and the Radio City Music Hall.

PR AND MEMBERSHIP COMMITTEE
Lynn Pond is our new chairperson for the PR and Membership Committee.

Lynn has many new ideas and lots of enthusiasm. You may contact her with ideas or comments at 5-8881. WELCOME!

HOLIDAY DINNER DANCE - December 10, 1988

The annual holiday dinner dance will be held on Saturday, December 10, at TC3 in Dryden, NY. The band will be "Country Sounds" and will be there for your listening and dancing enjoyment from 9pm until 1am. There will be a cash bar starting at 6pm and dinner will be served at 7pm. This is a great opportunity to socialize with fellow CRC members. Tickets will be sold at the CRC office soon. Be sure to set aside this date for a wonderful evening of dining and dancing.

CHILDREN'S CHRISTMAS PARTY - December 17, 1988

All children and grandchildren of CRC members are invited to attend a Christmas party to be held at Helen Newman Lounge on December 17. There will be entertainment, gifts and refreshments. If your child or grandchild would like to attend, please contact the CRC office at 5-7565. We would appreciate it if parents would donate cookies for this event. The beverage will be provided. The party will be from 2pm until 4pm.

CARIBBEAN CRUISE - March 4, 1989

Cruise update: the cabins in Category 9 are already filled. Your name may be put on a waiting list only for Category 9. Categories are starting to fill up, please get your name in new to reserve your choice of accommodation.

WASHINGTON, DC PICTURES

I have the pictures back from the CRC Washington, DC trip for those of you participating. Please call the off to make arrangements to pick them up!

DISCOUNT COUPONS AVAILABLE AT CRC OFFICE FOR:

Hershey Park, Disney World, Canada Wonderland.

Call the Cornell Recreation Club at 5-7565 for more information.