

CORNELL Chronicle

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FarmNet, which matches financially troubled farmers with solutions, starts its second decade this spring.

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STUDENT FOCUS

Two high-energy Cornell students talk about why they're here and where they're headed.

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Dullea urges cooperation to resolve local problems

By Linda Grace-Kobas

Citing "major points of vulnerability" at the state and federal levels that could drastically affect Cornell's programs and students in the coming year, Vice President for University Relations Henrik N. Dullea last week urged an audience of community leaders to help foster a "cooperative environment" to resolve local problems.

City of Ithaca officials are "holding the

university hostage to the building permit process" by denying a permit for necessary renovations to Upson Hall and to future building projects unless Cornell contributes as much as an additional \$2.56 million to city coffers, Dullea



Dullea

told members of the Ithaca Rotary Club Jan. 11 at the Holiday Inn downtown.

Ithaca Mayor Ben Nichols and the city Building Department have told Cornell officials that major projects on campus will not be authorized to proceed because Cornell allegedly is out of compliance with city zoning ordinances related to parking, Dullea said. "Because they are inapplicable to the campus environment," Dullea added, "they have not been applied to Cornell in de-

cadec." In fact, they may never have been applied. Rather than force the submission of expensive and duplicative applications for variances for the upcoming endowed college projects located within the boundaries of the city, university officials have been working with the city to amend its zoning ordinances in relation to parking. Applying the existing provisions of the ordinances to the campus would require Cornell to add so

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Katz picked to head Holocaust Museum in D.C.

By Linda Grace-Kobas

Steven T. Katz, professor of Near Eastern Studies at Cornell, has been selected by the U.S. Holocaust Memorial Council to become director of the U.S. Holocaust Memorial Museum in Washington, D.C., pending contract approval by the council's executive committee on Jan. 17.

The announcement was made by the council on Jan. 3.

After a five-month search, Katz was selected by a council search committee to succeed Jeshajahu "Shaike" Weinberg, founding director of the museum.

Opened in April 1993, the Holocaust Museum has a \$40 million operating budget and 300 employees. An estimated 3.5 million people have visited it.

Katz, 50, is author or editor of more than a dozen books, including his most recent, *The Holocaust in Historical Context* (Oxford University Press, 1994), that will eventually run to three volumes.

At Cornell, where he has taught since 1984, Katz is a popular teacher of classical and modern Jewish intellectual history, classical Judaism and Christianity and early Jewish mystical texts.

Katz joined Cornell as chair of the Jewish Studies Program, and from 1985 to 1988 he served as chair of the Near Eastern Studies Department.

"The Search Committee was tremendously impressed with Steven Katz' grasp of future directions for the institution," said Council Chairman Miles Lerman in a news release issued by the council. "He is both a deep and creative thinker, with a demonstrated understanding of both the historical and moral lessons of the Holocaust. His selection un-

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Katz



Andy Warren, a junior, holds two butterflies from the Entomology Collection at Comstock Hall.

Bug passion takes wing for CU student

By Blaine P. Friedlander Jr.

Andy Warren caught the bug as a toddler and he hasn't shaken it since.

"I started collecting butterflies when I was three. My mom made nets for me and my brother and I started collecting butterflies," he said. "I guess she wanted us out of the house and away from TV."

Childhood passion turned into positive research rage as Warren, a Cornell junior, could turn the entomology world on its wing. Now, at age 20, his list of published scientific papers resembles the curriculum vitae of a veteran professor, rather than that of an undergraduate student.

"He has quite a drive, he's very motivated. Andy seems — and I mean this in a complimentary way — to be an ordinary person. But he is extremely interested in the field of entomology," said John Franclemont, Cornell professor emeritus of entomology. Like Warren, Franclemont specializes in lepidoptery.

Early next year, Warren will publish his first major new butterfly species discovery — *Codatractus sallyae* Warren — in the journal *Tropical Lepidoptera*. The new species found last summer in western Mexico will be named for his mother, Sally Warren.

From his childhood into his teenage years, the intensity never waned. As a sophomore at Cherry Creek High School in Englewood, Colo., Warren set up an ultraviolet light in his backyard to attract and study moths. Each day he scanned the area for possible specimens. Late that summer, he noticed that yellow jackets began tracking down the moths around the light to sting, kill and eat them. That backyard discovery of a

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Grounds Department gets ready for, what else, winter snow season

By Darryl Geddes

When Dennis Osika opened up his calendar to January, he shivered, recalling what last January brought to campus: almost 32 inches of snow, 16 of which fell Jan. 4. He doesn't forget March 3 and 4 either, when another paralyzing storm dumped from 19 to 29 inches of snow on Central New York.

Such winter tempests don't simply make

getting to work difficult for Osika, they actually make work, *itself*, difficult. As director of grounds for Cornell, Osika is responsible for making campus accessible to all and open for business, even in the worst of weather.

"The weather has really been a blessing so far this season," said Osika during a recent interview. By this time last year, the plows, snow blowers and shovels and em-

ployees already had logged in endless hours. But this year, with only a little more than a dusting having fallen thus far, the Grounds Department has been able to put the finishing touches on its latest edition of snow removal guidelines.

The department will continue a policy it adopted last year and close several walkways to pedestrian traffic this winter. Among those closed are the gorge path from Oak

Avenue to the parking garage and the walkway that runs from Tower Road through the Ruth Uris Garden to the A.D. White House. Their closure means they will not be plowed, shoveled or sanded.

"By closing lightly traveled walkways this winter, the department will be better able to serve the public by concentrating on busier pathways within the campus's 22-

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BRIEFS

■ **English teachers:** Interested in helping people from foreign countries associated with the Cornell community? The Cornell Campus Club has a program for teaching English as a second language to persons temporarily in Ithaca. The classes require a two-hour commitment per week, plus preparation. For more information contact Ann Marie Dullea at 277-2488 or Joan McMinn at 277-0013.

■ **English classes:** Registration for free English classes sponsored by the Cornell Campus Club will take place on Thursday, Jan. 26, from 7:30 to 9 p.m. in the One World Room, Anabel Taylor Hall. There is a \$10 registration fee. Classes begin Jan. 30. For further information call Ann Marie Dullea at 277-2488 or Joan McMinn at 277-0013.

■ **Breakfast with President Rhodes:** There are a limited number of openings available for Cornell students to have breakfast with President Frank Rhodes. Those interested are invited to call his office at 255-5201 to make a reservation. The breakfasts are held from 7:30 to 8:30 a.m. in the Elmirst Room, Willard Straight Hall. Reservations are made on a first-come, first-served basis. Dates available are Monday, Feb. 6; Wednesday, March 8; Wednesday, May 3; and Thursday, May 5. Those with reservations will be reminded by mail a few days in advance.

■ **Volleyball marathon:** It's time to register for the American Lung Association's annual volleyball marathon being held Saturday, Jan. 28, at Cortland Junior-Senior High School. Get together with your friends and coworkers and play against teams of a comparable level. Each team member gets a t-shirt and refreshments are provided. Sign-ups are on a first-come basis, and time slots are limited. For more information call the American Lung Association at 539-6684.

■ **Funding available:** Funding is available from the President's Council of Cornell Women in 1995 for research on any subject by women associate or assistant professors or by women Ph.D. students. Deadline for applications is Feb. 5. Applications will be evaluated on the statement of objective, research design, clarity of writing, feasibility, appropriateness of budget and strength of recommendations. Grant applications up to \$2,500 will be considered. For more information call the President's Council of Cornell Women at 255-6624.

CORNELL Chronicle

Henrik N. Dullea, Vice President for University Relations
Linda Grace-Kobas, Director, Cornell News Service
Jacqueline K. Powers, Editor
Julie Manners, Graphics
Dianna Marsh, Circulation

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In chambers



A group of Cornell-in-Washington students pose with U.S. Supreme Court Justice Ruth Ginsberg '54, in her office after hearing an argument before the Supreme Court Dec. 6. From left are Linda Jarschauer Johnson '60, Stephanie Sanok '96, Shauna Handrahan '95, Robert Hargreaves '95, Jesse Souweine '96, Lara Lehmann '94, Ginsberg, Lauren Marder '94, Amy Weinstein '95 (front), Jessica Shevitz '95 (rear), Tracey Triplett '96 (front), Lysle Kapp '96 (rear), Jennifer Keating '95, Kathryn Comerford '96 (front), Anne Dudley '96 (partially hidden), Angela Whitehead '96, Seth Kibel '96.

Andy Warren *continued from page 1*

late-summer food source for yellow jackets led to his first article for the *Journal of the Lepidopterists' Society*.

Beyond his backyard, Warren has traipsed into some of the world's most remote regions. "In Jalisco, Mexico, last winter, my mom and I were out looking for clear-wing butterflies. In the dark forest below the trees where the butterflies fly, ticks often lay egg masses," he said. "Masses of newborn ticks sit on the top of grass blades, waiting for an unlucky mammal to brush against it. I was the unlucky mammal. About 150 were embedded in my ankles, knees and I was covered with ticks. It took a long time to get them off me; ticks aren't much fun."

Scoping for skipper butterflies along the Amazon basin, Warren sought swarms of army ants. The large army ants — about 1/2-inch long — will kill and eat any insects they are able to catch. Several species of small birds specialize in eating the numerous insects scared up by the army ant swarms. Why was he looking for birds and army ants? Skipper butterflies in the area are drawn to bird feces. In his search, the ants were not kind to him. "I was tolerant of the bites and stings of the army ants," he said. "That's the price you have to pay to find butterflies."

Obvious to professional entomologists, Warren proved his potential early. As a high school junior, while other students flipped hamburgers, he mounted newly-found butterflies for the Smithsonian Institution's Museum of Natural History in Washington, D.C.

"I always knew I wanted to be an entomologist," Warren said. In addition to his

part-time Smithsonian job, Warren found time to enter his tiger moth survey in science fairs. That study landed him national science fair awards and paid invitations to international fairs.

When it was time for college, Cornell was a consideration. Richard Hoebeke, assistant curator for the Cornell insect collection, vividly remembers meeting Warren for the first time.

"They came in here out of the blue," Hoebeke said. "To see the Cornell insect collection just seemed important to them. They asked important questions; both he and his parents seemed very astute."

But, everything gets back to bugs. His summer jobs still revolve around insects. He returns to Colorado to his old school district and teaches kids about bugs. "Every little kid loves bugs," he said.

"This isn't unpleasant work and I'm never bored," Warren said. "This is fun for me. I guess it's more of a lifestyle." With a personal collection of butterflies and moths at more than 18,000 specimens, he has a passionate start for a young career.

His articles are not sidelights, sidebars or sideshows of reality. Warren's work does wind up as lead articles in scientific journals. Collaborating with Thomas C. Emmel, of the University of Florida, he prepared the lead article in the November 1993 edition of *Tropical Lepidoptera*. The subject was a colorful overview of the African butterfly habitats, based on his trip to the Kakamega rain forest reserve and the Masai Mara savanna in Kenya. At the end of the article, he said that

his two-week trip was too short and vowed to return to capture the "rich diversity of habitats, butterflies, and other wildlife."

Natural butterfly hybrids are extremely rare. Warren found one. Last year, the *Journal of the Lepidopterists' Society* published his hybrid finding between *Callophrys shermanii* and *C. (Incisalia) augustinus*. It was a find he made near Hot Sulphur Springs, Colo., in 1990. In the journal he wrote: "The presumed hybrid that we report here is remarkable... and further highlights the genetic similarity between *Incisalia* and *Callophrys*."

A senior honors thesis — which Warren already has begun — will review the butterfly genus *Achlyodes*. In it, he will describe a new species, and summarize what is known about each species in the genus. He will also describe the only known female of a rare species, which has only been found in Cuba. Cornell's Pew undergraduate fellowship is sponsoring the research.

Over four continents, his research continues. "I try to get into very remote places and while getting into those areas I think about my safety and how I will get back," he said. "I do what I have to do. Last summer I spent two weeks riding around western Mexico in a van with scientists who only spoke Spanish. My Spanish improved quite a bit."

Adaptive to all kinds of conditions at many points on the planet, Warren has found a temporary home for himself. He belongs to and lives at Alpha Delta Phi fraternity. He jokingly explained, "In a fraternity, it's important to have an entomologist. Someone has to identify the bugs in the house."

Snow *continued from page 1*

mile walkway system," Osika said. Signs noting which pathways are closed for the winter — through March — already have been posted.

Osika said snow removal priority is given to campus roadways and walkways; parking lots are cleared when three or more inches of snow has accumulated and then plowing is done on evenings and weekends. The use of deicing compounds is limited to roadways and main campus walkways and steps. Such compounds are used sparingly in parking areas to reduce their impact on the environment.

"Parking overnight in undesignated parking areas seriously hampers our efforts to remove snow in an efficient manner," Osika said. Winter overnight parking (December-March) is permitted only in special designated areas. They are: east bay of A lot, west end of B lot, east bay of K lot, north bay of

K lot, west bay of Wilson lot, Tower Road between Garden Avenue and Wing Drive and Tjaden lot.

During snow emergencies, five locations have been designated as drop-off points for individuals who must report to work. They are the parking lot off University Avenue behind Sibley Hall, the parking garage off Hoy Road, the parking lot at intersection of Judd Falls Road and Tower Road across from Stocking Hall, A lot (located off Pleasant Grove Road behind the Townhouse Community) and B lot (located south of the Veterinary College off Campus Road). Osika urges individuals to not return to campus until the university formally reopens following a closure for snow emergency.

Staff members can learn of snow emergency declarations by monitoring area radio and TV stations during inclement weather.

Employees also can call 254-INFO and 255-3377 to hear up-to-the-minute information about university operations during weather emergencies.

Osika suggests that all individuals be prepared for winter travel, which includes the use of proper footwear, good vehicle maintenance and tires. To be fully prepared, he also suggests keeping a snow shovel and safety flares in one's car.

The Grounds Department's snow removal operations are complemented by building custodians who keep building entrances and ramps clear of ice and snow.

"Grounds Department employees have performed admirably during the recent severe winters," Osika said. "Many have devoted much time away from their families and made other great personal sacrifices to help keep the campus clear of snow under some very challenging conditions."

Transportation program wins national environmental award

By Larry Bernard

Cornell's Transportation Services has won a national award for environmental sustainability for its efforts at reducing the number of cars brought to campus each day.

Cornell's Transportation Demand Management Program (TDMP) is one of 24 recipients nationwide to receive the fifth annual Renew America National Awards for Environmental Sustainability. The awards are given to programs that demonstrate leadership and excellence in environmental sustainability.

"Too often, environmental news is all doom and gloom. But these national award winners offer a concrete alternative by highlighting some of the people and programs who are creating positive environmental news all over America," said Elissa Parker, co-chair of the Awards Council and director of policy at The Environmental Law Institute.

The award will be presented in ceremonies Jan. 31 in Washington, D.C., at

the Mayflower Hotel.

Cornell is being honored in the category "Transportation Efficiency" for its TDMP. The program was implemented to reduce the number of faculty and staff vehicles brought to campus. Positive and negative incentives were used. Negative incentives included increasing parking fees. Positive incentives, for people who choose not to purchase individual parking permits, include an unlimited-use transit pass, or parking discounts and rebates for carpoolers.

Claudine Schneider, chair of Renew America, said almost 2,000 programs from throughout the nation entered this year's awards program.

"When it comes to environmental achievement, Cornell University's Transportation Demand Management Program represents the very best our country has to offer. Our National Awards Council, along with local and state evaluators, selected winning programs based on their effective-

ness at environmental protection, social responsibility and economic progress. Each of our 24 winners is a true leader, at the forefront of environmental achievement."

William E. Wendt, director of Transportation Services at Cornell and innovator of TDMP, said he is proud of the wide acceptance and success of the program.

"Over one-third, or about 3,000 faculty and staff members participate in TDMP. This accounts for about 2,400 fewer vehicles being brought to campus each day. The environmental benefits are staggering."

According to university engineers, there are more than 10 million fewer commuter miles traveled each year than there were before TDMP. Among other benefits, this translates into 417,000 fewer gallons of fuel and a reduction of carbon dioxide emissions by 6.7 million tons.

The national awards ceremony is part of Renew America's day-long program, "Celebrating Environmental Solutions" on Jan.

31. Earlier in the day, a live national teleconference, "Jobs and the Environment: A National Town Meeting," will link audiences in 17 cities with a panel of experts in Washington, D.C.

Renew America, a nonprofit organization based in Washington, D.C., identifies, verifies and promotes successful environmental initiatives developed by individuals, community groups, nonprofit organizations, businesses and government agencies. More than 1,600 success stories are documented in the *Environmental Success Index* database, which Renew America updates annually.

Among the 60 members of the National Awards Council for Environmental Sustainability are AT&T, National Audubon Society, National Education Association, Ford Motor Co., National League of Cities, and include honorary members U.S. Rep. Sherwood Boehlert (R-N.Y.) and the federal agencies for energy, agriculture, defense, interior and the environment.

Clinton picks Dr. Garza for advisory panel

By Blaine P. Friedlander Jr.

Dr. Cutberto Garza, a Cornell expert in pediatrics and nutrition, is one of four members to be nominated by President Clinton to the administration's National Nutrition Monitoring Advisory Council, the White House announced last month.

Professor and director of Cornell's Division of Nutritional Sciences, Garza, M.D., Ph.D., will help advise the White House on a national plan for nutrition monitoring.

Also on the panel is Shiriki K. Kumanyika, associate director for epidemiology at the Pennsylvania State University College of Medicine. Kumanyika received her doctorate in education from Cornell in 1978, and has served on the council since 1991.

The Nutritional Monitoring Advisory Council provides scientific and technical advice on the 10-year comprehensive plan for national nutrition monitoring. Council members also serve as advisers to the Cabinet secretaries of Health and Human Services and of Agriculture.

Garza believes that his research into the nutritional well-being of children may have played a major role in his nomination. He and his collaborators have been major contributors to our present understanding of the nutritional needs of young children.

Garza is on the Board of Scientific Counsellors of the National Cancer Institute's Division of Cancer Prevention and Control. He also is vice chair of the Food and Nutrition Board of the Institute of medicine and is on the dietary guidelines committee appointed by the departments of Agriculture and of Health and Human Services.

This month, Garza is chairing an international working group to initiate plans for revising growth reference charts for breast-fed infants. As part of this work for the World Health Organization, research indicates that breast-fed children grow at different rates and that growth references need to be adjusted.

Joining Kumanyika and Garza as nominees to the council are Kailash Mathur, a retired scientist, and Suzanne Murphy, a research nutritionist and registered dietician.

Garza's hometown is San Diego, Texas. He has served on the Cornell faculty since 1988. Before that he was a professor at Baylor College of Medicine, the same school from which he earned his M.D. With a bachelor of science degree in chemistry, he graduated summa cum laude from Baylor in 1969. Garza also earned a Ph.D. from the Department of Nutrition and Food Science at Massachusetts Institute of Technology.



Russ Hodnett, a FarmNet financial adviser, at the Cornell Orchards.

Sharron Bennett/University Photography

FarmNet prepares to start second decade

By Blaine P. Friedlander Jr.

FarmNet, the Cornell Cooperative Extension program that matches financially troubled farmers with reasonable solutions, starts its second decade this spring and it's reaching out to more farm families than ever, said Cathy Martin, the program coordinator.

"We work with all size farms," said Martin. "Whether it's a four-acre farm or one that's 4,000 acres, if a farmer is in financial trouble, we'll look for solutions."

Addressing the needs of farm families, FarmNet has grown into a valuable resource of farm financial consultants and personal advisers, Martin said. "We help farm families bridge the gap between them and the services. We don't duplicate social services, but many times these families don't qualify for social programs," she said.

Since the program's start, FarmNet has fielded 7,600 distress calls. In fact, Martin explained that in the past two years, she has seen a slight increase in the numbers. There were 963 calls in 1992, a number which increased by six calls in 1993. There were 726 calls as of Oct. 31.

FarmNet is a collaborative program between Cornell Cooperative Extension, the New York State Department of Agriculture and Markets and the New York State College of Agriculture and Life Sciences. All services are free and confidential; the FarmNet hotline is open

Monday through Friday, 10 a.m. - 5 p.m. Call 1 (800) 547-FARM (3276).

When a call comes in, the case is passed along to either a financial or personal consultant. In some cases, it might be passed along to a Cornell Cooperative Extension agent. One of the two dozen consultants around the state is Russ Hodnett, a retired county extension agent and extension administrator in the College of Agriculture and Life Sciences.

"I am old enough to have seen some harvesting done with a sickle, now I see it done through modern technology. I have seen quite a bit and I'm very careful to understand the farmer's problem," Hodnett said. "I know the farmer's environment. Once I gain credibility, then I work the numbers. We need to get to the bottom of it."

Bottom of it, indeed. When someone calls FarmNet, a severe financial problem has inevitably been brewing. Hodnett and the other advisers wrestle with some of the toughest money matters anyone can face. "When someone calls, there has usually been a delay or they would have called earlier, but couldn't. The problem has been there some time and they usually try to mask the problem," he said. "For whatever reason, the debt is out of control."

Hodnett explains that increased financial pressures squeeze farmers. "It is more severe today because of new technology and expansion. In the past, land values continued to rise and farmers could make

management mistakes and there would be enough financial nets, they could limp along," he said. "Margin is so thin now, farmers can't make mistakes. Today, running a farm takes darn good management. Even farmers with college educations, I see management problems. They fail to look at what's going on financially."

Calls coming into FarmNet can turn in many different directions, so there is no prescribed way to handle each case. Sometimes the case can be handled over the phone, other instances need a financial or personal adviser. Lawyers, mental health professionals and others also may be called for help, said Martin.

But, from the perspective of the financial adviser - like Hodnett - they will always try for the best solution available. "On the good side, if I can get to a problem early, there is something I can do," he said. "How much I accomplish is based on how quickly I am requested to help the situation."

With FarmNet since the beginning, Hodnett has counseled about 150 farm families. With his 30 years' service with the Cooperative Extension, as well as with the Soil Conservation Service and Agway, Hodnett and other advisers are uniquely qualified to talk to farmers.

"Farmers get into a comfortable rut, they don't like it when they are knocked out of comfy routine. Farmers need to feel uncomfortable enough to call FarmNet if there's a problem," Hodnett said.

Wiesenfeld, vice president, heads to Florida Atlantic U

John R. Wiesenfeld, Cornell vice president of academic programs and planning and professor of chemistry, is stepping down March 31 to become dean of science at Florida Atlantic University (FAU) in Boca Raton, Fla., FAU officials announced last week.

Wiesenfeld, at Cornell for 23 years, has been responsible for university-wide long-range facilities and strategic planning. He said he was leaving to pursue new administrative responsibilities.

"I believe we have accomplished much together, and I feel privileged to have been a member of a truly outstanding management team," Wiesenfeld wrote to Cornell President Frank H.T. Rhodes and Provost Malden C. Nesheim. "I feel exceptionally well prepared by you to undertake the challenges of university administration. My greatest regret will be leaving behind wonderful friends and colleagues at this great university."

Wiesenfeld's five-year term as vice presi-

dent ends March 31 and he begins his new position in Florida on April 1. FAU, with an enrollment of about 17,000 students, is part of Florida's state university system.

Wiesenfeld, 50, came to Cornell in 1972 as assistant professor of chemistry and became full professor in 1984. He was department chair in 1985, deputy vice president for research in 1989, vice president of planning in 1990 and vice president of academic programs and planning in 1994.

A Fellow of the American Association for the Advancement of Science, Wiesenfeld has a bachelor's degree from the City College of New York (1965), a doctorate from Case Institute of Technology (1969) and a graduate degree from the University of Cambridge (1970). He has published more than 100 research papers, in the areas of chemical reactions in the atmosphere, and elucidation of energy storage and transfer mechanisms useful in the development of chemical lasers.

Ford aims to help students feel they belong

By Tamarra L. Strawn

He is an interpreter of university policies. He is a spokesperson for student interests. He is responsible for Greek Life, Student Activities, Cornell United Religious Work and many other administrative services dealing directly with students. He is the major bridge between the academic and non-academic student experience. From his point of view, the fall semester went "pretty well."

And when John Ford is not concentrating on those things, he is working to "help students develop a sense of belonging to a supportive academic community."

He has been working on a number of projects that will encompass the entire academic year. Among the projects that currently cross Ford's desk are the following:

- A new program to further develop the first-year experience for new students;
- Issues in conjunction with the Gay, Lesbian, Bisexual and Transgender Group;
- Projects funded by the Student Community Fund to improve racial and ethnic interaction and communication on campus
- Stages of reorganization of the Student Union to increase responsiveness to the needs of the students.

The first program will explore a comprehensive range of new approaches to helping freshmen adjust to campus life, including more involvement of upperclassmen in the freshman experience and a better mix of college- and university-sponsored orientation programs before classes begin.

The program specifies four important messages for freshmen. The first emphasizes the importance of both personal and academic self-confidence in Cornell's competitive and demanding climate, a context in which students may need to ask for help that previously was unnecessary.

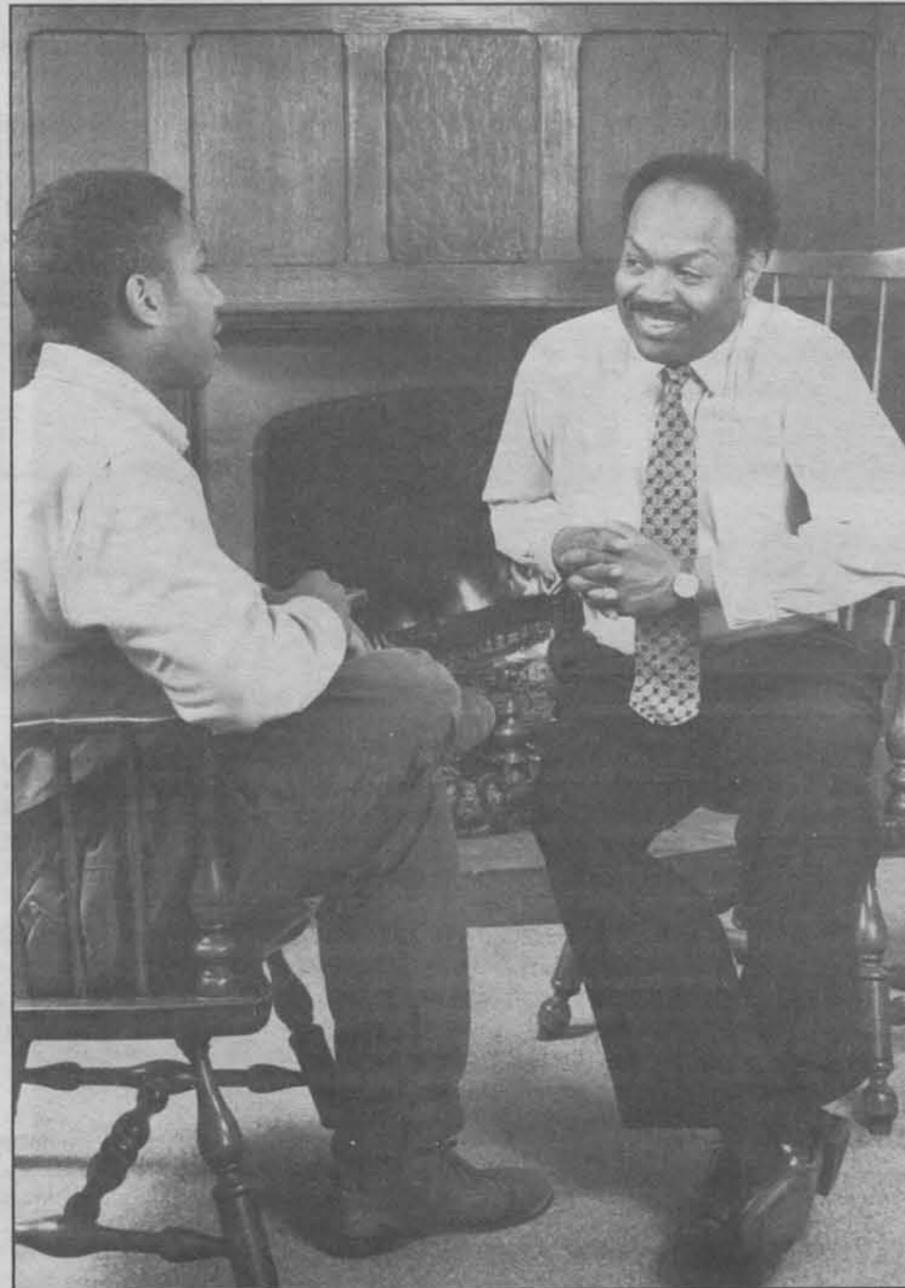
Second, it aims to inspire more intellectual passion among the incoming class. Students often lose sight of their real motivation for studying at Cornell because of the heavy workload and should be encouraged to express genuine excitement toward intellectual pursuits.

Third, Ford would like to develop a sense of community, reminding us that we are all Cornellians and are working for many shared as well as individual goals. Said Ford, "We want to have more of a sense of unity and cohesion among the freshman class."

Finally, the program will promote interest in service to both the Cornell community and the larger community beyond Cornell. Ford believes that more involvement in service activities both on and off campus will help students to feel part of a larger, supportive community.

There is still a great deal of discussion about the prospects of a Gay, Lesbian, and Bisexual Living Center, and the Gay, Lesbian, and Bisexual Resource Center in Anabel Taylor Hall is still getting off the ground. The resource center opened in the middle of the semester and currently is meeting with a good deal of success Ford said.

Ford and a group of students and staff are considering a campuswide survey to get a handle on the climate as it affects the gay, lesbian, bisexual and transgendered community. The survey most likely will inquire



Chris Hildreth/University Photography

John Ford talks with a student in his office, something he does often.

about student opinions about other groups and organizations on campus as well.

The Student Community Fund's projects to improve racial and ethnic communication on campus have a two-fold purpose. First, they encourage student organizations to work together to produce cultural and social events to improve intergroup relations. Second, the program will sponsor an annual leadership conference on how to include human relations objectives in regular programs.

'I think I have one of the best jobs at Cornell because it brings me in contact with students from all walks of campus life...'

— John Ford

The fund has planned eight projects for the current academic year and will be accepting applications for the 1995-96 school year in April. The fund sponsored a debate between Dinesh D'Sousa and Martin Bernal on multicultural education. It also has arranged a multicultural fashion show and an art and culture exhibit by the Watermargin Society, focusing on the lifestyles and beliefs of African Americans, Native Americans and other ethnic groups through their art.

Ford noted that the semester has not been without problems. The university is giving increasing attention to unusually elevated levels of stress this semester, he said. Ford is trying to determine the nature of this stress and its causes, and to reduce the stress level for students, faculty and staff.

Said Ford, "The two deaths on campus this semester have troubled us. We are actively involved in thinking about how to prevent crises like these from happening."

Other key student issues include further development of the Latino Living Center. The center has generated a great deal of student enthusiasm, Ford said, and the administration hopes to continue making improvements in its programs.

The outlook for the rest of the academic year is a positive one, he said. The Cornell community can expect more projects funded by the Student Community Fund. A working paper on the freshman year experience is due sometime next semester. Further effort will be made to look at how to address non-academic counseling and advising of students. Steps will be taken in conjunction with Gannett Health Center to determine what kind of support is needed and how it may be provided.

Reflects Ford, "I think I have one of the best jobs at Cornell because it brings me in contact with students from all walks of campus life: leaders, students with lots of energy, students with problems, students engaged in personal discovery and growth."

Newspaper readers back CU position 4-1 in survey

By Linda Grace-Kobas

Extensive local news media coverage and supportive public reaction followed Vice President for University Relations Henrik N. Dullea's Jan. 11 speech to the Ithaca Rotary Club, in which he urged "a positive attitude" and "cooperative environment" in resolving town-gown issues.

The *Ithaca Journal* conducted a readers' survey for two days following Dullea's speech. The results, reported in Saturday's *Journal*, were 4-1 in favor of Cornell's position that the City of Ithaca should not withhold building permits in an effort to force the university to contribute additional monies to city coffers, beyond the \$13.7 million Cornell already provides in voluntary contributions and services.

More than 50 callers responded to the *Journal's* survey, with 40 in support of Cornell and 10 with the city, the newspaper reported.

Several of the respondents to the *Journal's* survey cited jobs being held up by the city's denial of building permits, and some noted that the delayed renovations of Spencer T. Olin Laboratory are endangering the health and safety of students, faculty and staff who work in university laboratory facilities.

Jonathan R. Macey, the J. DuPratt White Professor of Law at Cornell, attended the Jan. 11 Rotary speech and commented that the city's stance "will affect the working population of Ithaca severely."

In addition to the construction jobs lost while permits are denied, Macey said, "The people of Ithaca should realize that additional 'contributions' that [city officials] succeed in extorting from Cornell are likely to force the university to lay off workers in order to balance the university's budget. If the mayor and City Council drop their demands that Cornell make payoffs for building permits, employees will enjoy greater worker safety, more jobs for area workers and most importantly, fewer layoffs."

Ezra Cornell, university trustee and descendant of the founder, said it is vitally important that Day Hall and City Hall work together in Ithaca, Albany and Washington. He also expressed concern that many people seem not to understand one of the basic issues involved.

"It used to be very obvious why government in this country did not tax education, churches, hospitals and charities in general," he said. "It's because they were doing the public's good. If private entities did not exist, the state would have to pay for these services, at greater cost. State government had the chance, with the Morrill land grant, to assign those funds to a state entity, but didn't. They chose a private enterprise, Cornell University. We're an experiment—a successful one. Ithaca is fortunate to have the university here."

Ithaca Mayor Ben Nichols has defended his position in local media reports, and said that the city would continue to use parking and zoning statutes to force the university to pay "its fair share."

State, federal cuts expected to leave CU 'vulnerable'

By Linda Grace-Kobas

A rugged political landscape was formed by almost seismic forces when the newly elected conservative majority took over governments in Washington and Albany this month with promises to drastically cut government spending.

"Major points of vulnerability" in funding for Cornell programs and students were cited by Vice President for University Relations Henrik N. Dullea in his Jan. 11 speech to the Ithaca Rotary Club.

In great jeopardy is support for student aid, both to individual students and to universities.

Dullea's concerns are being echoed by other university officials.

"If Cornell ever had any 'deep pockets,' they are being ripped, shredded and trashed," said Nathan Fawcett, director of statutory affairs.

If he had to select one word to describe the upcoming sponsored program scene, Vice President for Research and Advanced Studies Norman R. Scott would choose "treacherous."

"There is ever-increasing competition for the research dollars that do exist," Scott said. "With all the talk about possible decreases in funding for some agencies, it creates a further concern."

Scott pointed out that 80 percent of federally sponsored research at Cornell comes from two sources, the National Science Foundation (NSF) and National Institutes of Health (NIH). And while Cornell has a high success rate in getting funding for its grant proposals overall, levels of federal funding for research here have remained essentially "flat," he said. Total research expenditures went from \$298 million in fiscal year '93 to \$301 million last year.

While he cautions that some House and Senate leaders have expressed continued support for research and that it's too soon to say the sky is falling, Scott predicts that the next year will be "a year in which we will be very fortunate to hold our own and maintain the same level of funding. We're going to be very cautious, very concerned."

Gov. George Pataki did not specifically address funding for higher education in his message to the legislature on Jan. 4, but he did promise, "I will present an Executive Budget this year that spends less than last year." He also pledged to implement a 25 percent cut in the state's personal income tax over the next four years.

Potential targets for state cuts are the \$121 million statutory college budgets, \$10 million for state agency grants and contracts and special programs (from HEOP and EOP to the Veterinary School's Diagnostic Laboratory), \$2 million in Bundy Aid, \$25 million for Cornell Cooperative Extension and \$9 million for the Tuition Assistance Program (TAP).

Current state appropriations targets for cuts

Statutory college budgets	\$121 million
Special programs (HEOP, etc.)	\$10 million
Direct institutional aid (Bundy)	\$2 million
Cooperative Extension	\$25 million
Tuition Assistance Programs (TAP)	\$6 million

Potential annual losses to Cornell under proposed federal cuts

Student aid	
Loan interest subsidies	\$9 million
Campus based programs	\$10 million
General research	
Indirect costs	\$5-18 million
Nat'l Science Foundation	\$7 million
Medicare adjustments	\$10 million
Agricultural research	\$3-6 million
Public service	
Cooperative extension	\$3 million
Total Vulnerability	\$40-56 million

Based on information published by the House Budget Committee Republican staff, university officials estimate that cuts of up to \$40-56 million in federal funding can hit Cornell under the terms of the Republican Contract with America, Dullea reported. The staff identified both "mandatory" and "discretionary" programs that could be eliminated or reduced in order to meet the budgetary savings anticipated by the Contract.

Cornell students could see their collective debt burden increase by up to \$9 million if the Republicans succeed in eliminating the in-school interest subsidy on federal student loans, Dullea said. Individual students may see their student loan repayment increase by 15 to 50 percent, depending on the number and size of the loans the student accumulates, and the length of time that the student attends school.

About \$10 million annually comes to Cornell through campus-based student aid programs (Perkins Loans, Supplemental Educational Opportunity Grants and College Work Study), not including the value of work performed by student workers. These programs are all targeted for elimination.

With tuition and fee revenue remaining the largest single source of income to Cornell, and the university distributing \$73.6 million/year in student aid, the implications for Cornell are most serious, Dullea said.

Reductions in indirect cost reimbursements are all but certain, according to Stephen Philip Johnson, executive director of government affairs. Depending on the final reimbursement limitations, Cornell's loss could exceed \$18 million.

It's too early to tell what cuts the National Science Foundation (NSF) will experience, Johnson said, but the Contract calls for reducing the future growth of the NSF by \$350 million over the next five years. Since Cornell is among the leading recipients of NSF research grant funding among U.S. universities, receiving \$71 million in 1993-94, the impact here could be "of major significance," Johnson said.

Cornell Medical College could lose \$10 million annually under a proposed rate reduction for Indirect Medical Education (IME), used to help cover the costs associated with intern and residency programs at teaching hospitals. These funds are provided from the federal Medicare program.

The Contract with America's supporting materials also call for "refocusing" the U.S. Department of Agriculture's Extension Service, with potential cuts of 23 percent, which could mean a reduction of \$3.2 million out of Cornell's annual \$14 million funding. The Agricultural Research Service is slated for cuts of \$165 million/year out of a total budget of \$699 million. Cornell's loss in research support here could range from \$250,000 to \$1.25 million annually, and the operations of the Federal Plant, Soil and Nutrition Laboratory on the Ithaca campus and the Germplasm Resources Unit at the Geneva Experiment Station could be at risk.

If the National Biological Survey (NBS) is eliminated as suggested, Cornell could lose \$1.2 million in funding for the Cooperative Fish and Wildlife Research Unit Program, which supports three research faculty, three research associates, 14 graduate students, two technicians and 12 undergraduate internships, Johnson said.

Other agencies identified as possible targets, all of which have activities at Cornell, are:

- NOAA, whose budget would be frozen, which could result in the elimination or freezing of funding for Sea Grant research and extension, including the National Zebra Mussel Information Clearinghouse.
- The Advanced Technology Program (NIST), eliminated.
- High Performance Computing Program, funding reduced.
- Energy Technology Development, funding reduced.
- U.S. Geological Survey, abolished, eliminating the Water Resources Research Institutes Program.
- National Endowment for the Arts, a major target of the Contract, funding greatly reduced with tighter congressional control. Cornell currently receives \$53,000 from the NEA.
- National Endowment for the Humanities, funding reduced. Cornell currently receives \$2.3 million.

Taxes, fees, voluntary contributions - Cornell University -

Cash transfers

• Sewer (city and town)	\$942,000
• Landfill tipping fee (does not include haulers' charges)	\$362,000
• Recycling fee (does not include haulers' charges)	\$262,000
• Building department fees (city, towns, villages, schools)	\$15,000
	\$1,581,000
• Property taxes and special assessments (city, towns, villages, schools)	\$955,000
	\$955,000

Subsidies/Partnerships

• Public transit subsidy	\$1,100,000
	\$1,100,000

Contributions

• Fire services (city, town and others)	\$146,000
• Ithaca School district	\$150,000
• Child Development Council	\$25,000
• Ithaca Neighborhood Housing Services	\$5,000
• Arts (Hangar, Community Arts Partnership)	\$15,000
• Other (economic development, health, tourism)	\$18,500
	\$359,500

Self-provided services

• Public-works related (water, refuse/recycling disposal, surface and ramp parking, street and bridge maintenance, snow removal, sidewalks, storm sewers, street cleaning, etc.)	\$3,664,000
• Police, environmental health and safety, and transportation services (parking and traffic; CU Transit campus runs; OmniRide)	\$6,000,000
	\$9,664,000

TOTAL \$13,659,500

Dullea continued from page 1

many new parking places that it would have to "pave over the Arts Quad," Dullea explained. "It appears that the mayor believes he now has the leverage to force Cornell to become by far the largest single source of revenue for the city of Ithaca," Dullea added.

All colleges and universities in New York state are tax-exempt, Dullea stressed, and efforts to require them to contribute millions of dollars to city treasuries should be made in Albany, not in the Ithaca Building Dept.

"Forcing educational, health-related, religious and other charitable organizations to pay for municipal services—services that we at Cornell in large measure pay for ourselves anyway—should only occur after full and thorough public debate in the state legislature, not by holding the university hostage to the building permit process," Dullea said, adding, "the university cannot and should not serve as the 'deep pockets' for the city budget, when the long-standing law of this state governs our exemption."

Cornell is the only not-for-profit institution in the region that makes substantial voluntary contributions to fire services provided by the city and town of Ithaca, and it is unique in the country for its support of the county's public transit system.

Last year alone, \$955,000 in local property taxes were paid on Cornell's non-exempt buildings and Cornell made payments of \$620,000 for landfill and recycling fees. In addition, Cornell directly—and voluntarily—contributes almost \$360,000 for fire services, day care, the school district, economic development and the arts. Cornell also provides a public-transit subsidy of \$1.1 million and manages the countywide bus system.

If Cornell University did not provide its own public-works operations and police and health-safety services to the tune of \$9 million a year, city taxpayers would have to pay

for maintaining university roads, providing police coverage on campus and supplying water to campus, Dullea said. (See chart.)

The mayor's demand for additional millions from Cornell comes in the wake of political and economic changes that may pose "particularly severe" challenges from several levels of government, Dullea said.

Cornell is heading into a "bittersweet semester," Dullea said, as the university community anticipates the retirement of President Frank H.T. Rhodes on June 30.

"His leadership has positioned the institution extraordinarily well to face the challenges of the next century," the vice president said, "and his personal grace and charm have endeared him to students, faculty, staff, alumni and members of the community alike."

Hunter Rawlings will assume the Cornell presidency in July and "his experience in the public sector will certainly come in handy given the major changes that are taking place in the external environment."

These changes include dramatic political transitions at federal and state levels, both of which may well lead to substantial reductions in funding for programs. State and federal budget-cutters are also targeting student financial aid programs. (See story above.)

"With new leadership in Washington, Albany and here on campus, it will be a time when it is more important than ever before for us to work together, rather than at cross-purposes," Dullea said. "In most communities of this nation, research universities and their local municipalities work hand-in-hand to secure additional resources and to protect those that they already have."

Dullea concluded, "The challenge before all of us is to resolve to address those issues with a positive attitude and in a cooperative environment, always looking for new opportunities for collaborative efforts."

Radiation burial site report is called 'complete'

By David Stewart

New York State's Department of Environmental Conservation (DEC) has determined that the Preliminary Environmental Assessment on Cornell's former radiation burial site in Lansing is "complete and well-written" and that monitoring of the site should continue. Cornell submitted the assessment in October 1994, and a copy of it is available for review at the Lansing Town Hall.

In addition, Cornell and the State University of New York (SUNY) have reached agreement on about \$600,000 as SUNY's share of immediate funding for monitoring

and preliminary evaluation of the site. The majority of the waste deposited there originated from Cornell's state-assisted units that are part of the SUNY system.

SUNY will seek immediate release of those funds from New York State's Division of the Budget to finance continued evaluation of the site. SUNY has included \$4 million to fund remediation of the site in its 1995-96 capital budget request to the state. The actual cost of remediation will be determined when evaluation is complete, and a remediation plan approved.

From 1956 to 1978, Cornell disposed of low-level radioactive waste at the two-acre

site, which was operated in accordance with regulations in effect at the time. Materials such as animal carcasses and laboratory waste were buried there, until the site was closed in 1978. It is fenced to control access.

According to Elizabeth Cameron, environmental engineer at Cornell, DEC procedures call for the university to evaluate remediation options for the site. The DEC must approve the plan.

Cameron said more monitoring wells will be installed and environmental monitoring at the site will continue while Cornell and the DEC prepare a formal agreement, known as a "consent order." Additional groundwater

samples will be taken over the next few weeks, and then on a quarterly basis.

When results of the samples are available and further reports are submitted to DEC, the university will schedule a public information meeting.

State DEC officials say they will add the Lansing site to New York's Registry of Inactive Hazardous Waste Disposal Sites, a standard practice.

In addition to DEC reviews, a scientific advisory panel will provide an independent technical evaluation of environmental investigations at the Radiation Burial Site. The panel includes faculty experts at Cornell.

Learning by testing post-frame construction

By Blaine P. Friedlander Jr.

Post-frame constructed buildings are much stiffer than designers previously believed, according to a new Cornell study. This could result in changes to national building standards and reduce construction costs, the researchers say.

Erecting a full-scale (40 feet wide by 80 feet long and 16 feet to eave height) metal-clad, post-frame building near campus, Cornell researchers subjected it to engineering tests which simulated wind loads.

"We wanted to understand the behavior of a full-scale, post-frame building," said Kifle G. Gebremedhin, Cornell associate professor of agricultural and biological engineering. "Unless the global 3-D behavior of the building is clearly understood, you will not really know if the design is an over-built or under-built design. Either way, it can potentially result in higher costs for the owner."

Gebremedhin and Kian Niu, a doctoral student, tested the building at different stages of construction. Prior to this approach, modeling complexities and cost have prevented extensive full-scale research into building stiffness, Gebremedhin said. Their study was sponsored by Cornell, the National Frame Builders Association and Agway Syracuse.

Early in the study, the researchers recorded a maximum 6-inch horizontal eave displacement (bowing) at the center frame of the building — when the building was tested with only skeletal framing in place. A displacement of less than 3/4-inch was then recorded when the building construction was complete — with the roof and the wall metal sheeting in place. "We now have a full-scale structure. Is it going to behave the way we expect it?" asked Niu.

After the researchers applied the building's metal skin, they found the building to be remarkably stiff. "We're testing the real thing. Testing on a small scale doesn't tell you global behavior. With a full-scale test, we'll know better how to optimize material and design processes. This is all for agriculture, commercial, industrial and residential frame buildings," said Gebremedhin.

Stiffness is good in a building and can be a controlling design factor. With the metal skin on the building, the researchers learned that with relatively light framing, a building could withstand winds breaking over 70-80 mph. "It acted in an elastic way in the wind. It moved slightly, but returned to its original state," Gebremedhin said.

What looks like a barn on the outside is actually a complex of computers, actuators, hydraulic pumps, analog/digital information converters, wires and cables on the inside. Full-scale testing of the fully-clad building not only revealed that deflection dropped from 6 inches to less than 1 inch in "high-wind" tests, but also interior posts can actually be experiencing lower loads than laboratory research had previously indicated. Thus, contractors may be able to use smaller-size posts,



Sharron Bennett/University Photography

Associate Professor Kifle Gebremedhin, right, and doctoral student Kian Niu, check the signal boxes for the hundred string gauges in a test building at the Cornell Orchards.

more-shallow foundation embedment depths and ultimately bring building costs down.

New findings were not limited to the building's metal skin. Purlins are the top, cross-hatching members spanning between roof trusses. Purlins hold the roof

'Unless the global 3-D behavior of the building is clearly understood, you will not really know if the design is an over-built or under-built design. Either way, it can potentially result in higher costs for the owner.'

— Kifle Gebremedhin

to the truss. The researchers said long-held assumptions that only the edge or exterior purlins provided much of the roof stiffness may not be entirely correct. The test data collected from these full-scale building tests have indicated that each purlin contributed greatly to the

stiffness of the building roof diaphragm.

"The full-scale approach is refreshing. We are going from component-based research to global study," Gebremedhin said. "The building is much stiffer than we give it credit for."

Another engineering shibboleth called into question is the way the roof slopes behave. It had been assumed that roof slopes of a double-pitched roof on a post-frame building acted as separate and independent structures in resisting the building loads. That is no longer the case, the researchers said. The two slopes of the roof behave almost like a single unit or deep beam.

"This building is one great teaching tool. This is how a building behaves," Niu said.

Using the full-scale test results as the new engineering template, the Cornell researchers now can take the data back to improve the less-expensive laboratory models.

"People in the labs are studying small elements of buildings. How do you transfer information from the small scale to the big scale? Now that we know the global behavior of the building, we'll extrapolate the information from full scale," Gebremedhin said. "And we'll continue to see how it works as a whole."

Nominations are sought

Nominations are invited for the third group of Stephen H. Weiss Presidential Fellows, tenured faculty members honored for their "sustained record of effective, inspiring and distinguished teaching of undergraduate students."

Faculty, academic staff, juniors or seniors may send nomination letters — with at least one supporting letter and names of other who might be asked for further information — to Mary Morrison, chair of the review committee, at 315 Day Hall.

The letters, due by Feb. 13, should substantiate the case by citing specific examples of distinguished teaching, of influencing students in their academic life and of helping them when they have nonacademic problems.

The committee will pass on six nominees to President Frank H.T. Rhodes, who will choose three in late spring.

The program is named for the chairman of the Board of Trustees, who funds it. Fellows receive \$5,000 a year for the first five years and hold the title as long as they remain at Cornell.

The six fellows chosen in the first two years were Richard D. Aplin, agricultural, resource and managerial economics; Walter LeFeber, Marie Underhill Noll Professor of American History; David A. Levitsky, nutritional sciences; James B. Maas, psychology; Mary J. Sansalone, civil and environmental engineering and Stephanie Vaughan, English.

Katz continued from page 1

derscores the museum's commitment to Holocaust education at every level, including the expansion of our archives, the strengthening of the current international community of scholarship and the training of our next generation of scholars."

Katz sees his appointment as "a once-in-a-lifetime challenge."

"The Holocaust Museum is a very important institution," he said, "one that represents an area in which I've done much research and study. It is the only thing in the world that could have gotten me away from academia. There are very exciting possibilities there."

In his latest book, the culmination of a 15-year investigation, Katz argued that the Nazi persecution and attempted annihilation of world Jewry is unique in history, marking the only example of true genocide in which a state set out to destroy every single individual belonging to a specific group.

"When I say the Holocaust is unique I am not making a moral judgment, as if to say the Holocaust is the worst thing that has ever happened," Katz said. "Unfortunately, world history is full of horrific examples of mass murder and persecution. But the Holocaust is an utterly new phenomenon."

Writing in the *AJS Review*, the journal of the Association for Jewish Studies, Jacob Neusner of the University of South Florida wrote, "[Katz] has written the best work of historical interpretation of the Holocaust in any language, the largest in conception, the most majestic in vision, the most careful and thoughtful in execution, above all, philosophically the best, most rigorously argued."

Wall hangings on exhibit

Kalaga, Burmese embroidered wall hangings of motifs inspired by Jataka and Rarnayana legends and Burmese history, are on exhibit in the Martha Van Rensselaer First Floor Gallery through Thursday, Jan. 26. It is free and open to the public.

"This exhibit, which may be the first in the United States, is comprised of 13 wall hangings," said Charlotte Jirousek, assistant professor of textiles and apparel and the exhibit curator. "Its images are a fusion of reality and fantasy expressed in brilliant colors, hand embroidery, remarkable glass and sequined applique and the interplay of silk, velveteen and coarse cotton fabric padded and sculpted into astonishing forms. These tapestries typically take a thousand hours of carefully supervised hand sewing by five to seven girls who live in the residence of the master artist."

Sponsored by the Cornell Council for the Arts and the Department of Textiles and Apparel in the College of Human Ecology, the exhibit was brought to Cornell through the efforts of John Badgley, curator of the John M. Echols Collection on Southeast Asia for Cornell University Libraries.

Exhibit hours are 8:30 a.m. to 4:30 p.m., Monday through Friday.

The public is also invited to a free reception on Wednesday, Jan. 25, from 3 to 5 p.m. in the gallery.



Anne Kayani, an undergraduate student in nutrition, views the exhibit of textile art from Burma on display in the Martha Van Rensselaer gallery.

Sharron Bennett/UniversityPhotography

Hunter's 'State of the Station' address upbeat but cautious

By Linda McCandless

GENEVA — "The work the Experiment Station does benefits growers, processors, the environment, consumers and the economy of New York State," said Director Jim Hunter during a 40-minute "State of the Station" address to faculty and staff at Cornell's Agricultural Experiment Station in Geneva.

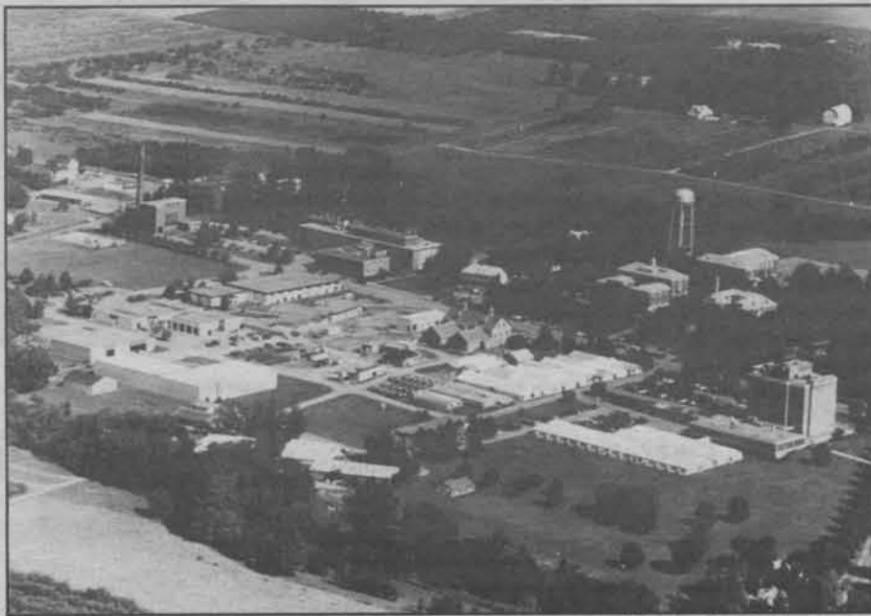
The address on Nov. 29 was fiscally oriented and cautious in tone. "We have a lot of work to do and it's not quite as relaxed a climate as we might have had in the past. But we can do our work feeling very good about ourselves and recognizing that other people do, too."

Faced with changing political realities in Albany and Washington, administrators at the station, like so many of their colleagues at other institutions, are forced to adopt a wait-and-see attitude. Hunter's message reflected his dual awareness of the need to be fiscally conservative at home and pro-active on the station's behalf everywhere else — particularly with growers, processors, agricultural organizations, consumers and state and national legislators.

"We want to strengthen the bridge between the Experiment Station and its customers and continue to communicate effectively that the station is part of the answer to the problems of New York state and its economy," said Hunter.

The station's annual \$16.5 million budget is a combination of hard and soft monies. More than \$10.5 million in support comes from New York state, and \$5.1 million comes from sources such as grants, gifts and contracts, and the balance from the federal government. The message was a balance between a certain amount of "doom and gloom" prognostication based on state budgetary constraints and shortfalls, and laudatory praise for station faculty and staff who have adapted to doing more with less.

In the last five years, the Experiment Station has gone through a 20 percent reduction in state budget support. In the last 10 or 12 years, 273 state paid positions have been reduced to about 200; 14 of these were faculty positions that have not been refilled. At the same time, the station has taken on much more in an official extension capacity, increasing to 18 to 20 the number of faculty who have at least 20



NYS Ag. Expt. Station/Cornell

Aerial view of Cornell's Agricultural Experiment Station, located in Geneva.



'We want to strengthen the bridge between the Experiment Station and its customers and continue to communicate effectively that the station is part of the answer to the problems of New York state and its economy.'

— Jim Hunter

percent of their time committed to extension responsibilities.

"With the cuts at the state level, the station has been forced to increasingly rely on soft monies in the form of grants, contracts and gifts for support of salaries and operating funds for programs," Hunter said.

Fiscally, the good news is that the value of these grants, contracts and gifts has increased from \$2.6 million in 1990, '91 and '92, to \$3.6 million in '93, and \$4 million in '94. Much of the increase has come from USDA funds, Hunter said, but some of the increase has come from growers and processors in New York state. For instance, in 1994, the Apple Research and Development Board generated \$225,000 in support of research related to apple production — the

lion's share of which went to Geneva. The Lake Erie Regional Grape Processors have just signed an agreement that should generate \$150,000 in support of grape research, most of which will come to Geneva; the rest to be shared between Cornell/Ithaca and Penn State. The vegetable industry generates about \$80,000 in support of station research annually.

Hunter sees increased endowments as a possible source of future funding. In 1994, the Canandaigua Wine Co.'s endowment of \$250,000 will generate monies for wine and grape research, and monies for this purpose total more than \$500,000 when matching funds from the Cornell Capital Campaign and an endowment from the Dyson Foundation are figured into the fund. Other funds have also

been established for support of graduate student education at the station.

The number of graduate students at Geneva totals around 90, many of whom have come to the station on their own funds. "They bring new ideas, new technologies, and contribute greatly to the viability of the Experiment Station," said the director.

In other positive developments, Hunter cited Dean David Call's appointment of a committee to help the Department of Food Science and Technology plan for the future. Hunter announced that a Station Master Plan Committee he appointed chaired by Pat Krauss has obtained \$170,000 in SUNY construction funds to hire an architectural firm to develop a master plan for the Experiment Station up to the year 2030.

Over the past year, Hunter reported that Experiment Station administration and faculty have made a concerted effort to establish firmer links with customers. Meetings have been held with Seneca Foods, Pro-Fac and Wegman's.

Hunter praised Buildings and Properties for a recent facilities inspection by SUNY that was extremely complimentary. He also praised Communication Services for getting "the word out" about one of New York's "best-kept secrets." Computer Services and the Station's Computer Committee were lauded for implementation of the Ethernet project which has sped up electronic communication immeasurably on campus.

Hunter also announced that, as of Nov. 28, Jim Moravec had accepted the job of finance manager at the station, replacing Mary Lou Dumbleton who retired in June. Moravec was administrative manager in the Department of Entomology in Ithaca for many years, and, for the last five or six years, managed Sponsored Funds Accounting at Cornell in Ithaca.

"Jim brings to the campus a lot of knowledge of what goes on in the departments of the type we have here and a lot of knowledge about the central administration of the university. He has a lot of contacts in electronic technologies and financial management," Hunter said. The director is appointing a committee involving Moravec and other station personnel to examine station business, finance and personnel procedures.

New study gives overview on privatization debate

A new study by a Cornell professor concludes that privatization of government services needs more objective analysis, review and oversight.

The study, titled *The Perils of Privatization: Lessons for New York State*, was written by Robert Hebdon, assistant professor in the Collective Bargaining, Labor History and Labor Law faculty of the School of Industrial and Labor Relations. The thoroughly documented study details the flaws in ideological-based arguments over privatization and seeks to substantiate the validity of claims on both sides of the issue.

The findings strongly suggest that oversimplification shortchanges the public. "The issues involving the delivery of public services are complex and cannot always reflect a simplistic bottom line," Hebdon said. "Since the idea of privatization seems to be gaining political popularity it stands to reason that taxpayers ought to know if it really gives them their money's worth."

Hebdon announced his findings at a press conference Dec. 15 in Albany.

Hebdon points out that debate over privatization too often is carried out in an ideological straightjacket without con-

sideration of alternatives such as improving public services. The research also finds that there is a lack of consistent and credible comparative data and study to fairly judge the cost-effectiveness of privatized public services.

"The predominant standard that is utilized in the studies of contracting out is cost - this is extremely unfortunate because it is impossible to hold other relevant variables constant," he said. "In other words, too many studies do not really compare apples to apples and oranges to oranges."

"This doesn't necessarily mean the data

is unusable, but it does mean there should be a careful analysis of what is really being compared," he said.

The study also offers a documented overview on very real problems such as lack of competitive bidding, corruption and loss of accountability that often receive little consideration before privatization decisions are made.

The study, funded partly by the American Federation of State, County and Municipal Employees, has been distributed to county executives through the state and all state legislators.

Book focuses on improving human services

By Susan Lang

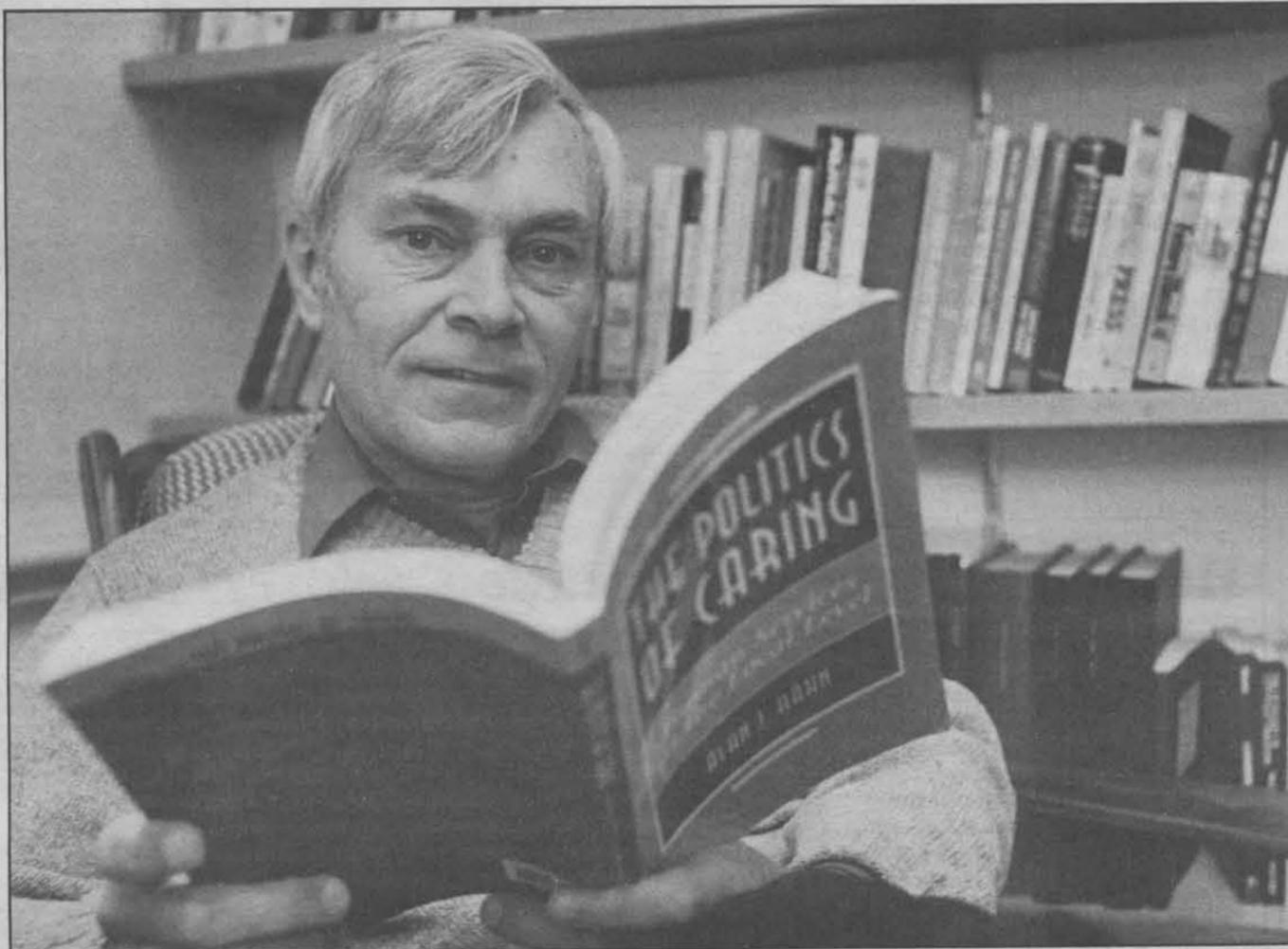
People who care about human service problems will need to focus now more than ever at the local level since the recent elections probably will result in less national or state support for such services, a Cornell political scientist says.

To present a more cooperative way of making public decisions and to inform the reader about the nuts and bolts of local policy-making, Cornell's Alan Hahn has published the book, *The Politics of Caring: Human Services at the Local Level* (Westview Press, 1994).

"There's a widespread but poorly articulated yearning in this country for an alternative approach to the usual politics which has resulted in deadlock, conflict and polarization," says Hahn, a professor of human service studies in Cornell's College of Human Ecology.

Hahn, who teaches community decision-making and intergovernmental relations, offers "a politics of caring" in which all interested parties, including business and human service communities, work together in a process aimed at mutual understanding and fair solutions.

Targeted primarily for students, human service professionals, activists and community decision-makers, the book is a primer on what social science knows about how public decisions are made and influenced at the local level. It explores the process of how decisions



Sharron Bennett/University Photography

Alan Hahn, with his new book on grassroots human services, in his Martha Van Rensselaer office.

are made about public issues and the roles in local policy of service providers, local, state and federal governments, social movement

organizations, the courts and news media, and what human service workers can do in the political arena. Real-life examples illustrate

important concepts and the differences in the political and social service structures of communities throughout the country.

Agriculture conference aims to make Internet farmer-friendly

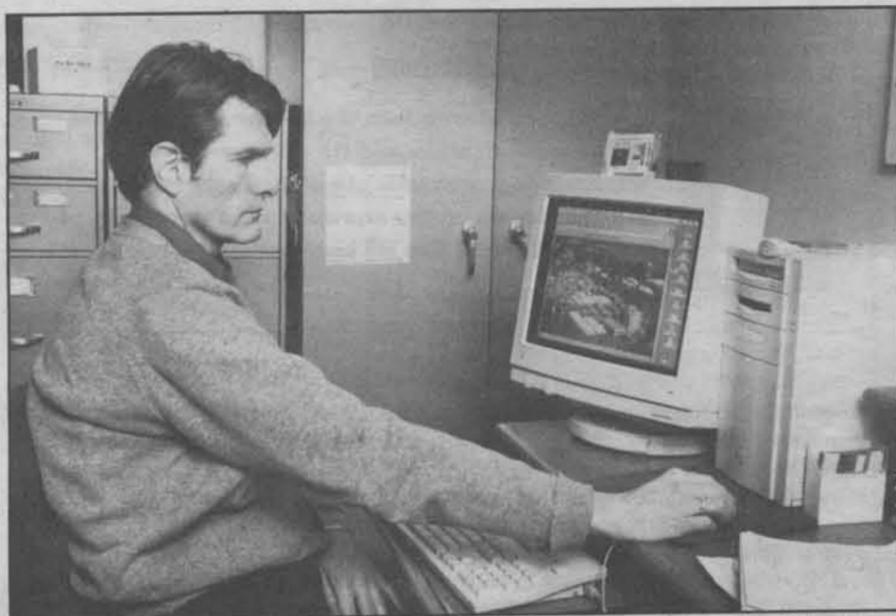
By Linda McCandless

In Gary Larsen's vision of the future, animals walk on two legs and farmers keep in touch via cow phones. Larsen's humor is one of the lowest common denominators that keeps the global community laughing. The highest common denominator is represented by the computer information networks available on the information superhighway.

These networks promise to deliver text, photographic, graphical and audio-video-based material in an interactive format over the Internet to agricultural and life science users in academia, research and extension who may be based anywhere: in classrooms, laboratories, inner city schools, rural libraries, at home or on the farm.

In a conference entitled "Highest Denominator Agricultural Information Systems: Issues and Implications," presented on Dec. 9 and 10 in Warren Hall on the Ithaca campus by Cornell's College of Agriculture and Life Sciences, participants and panelists addressed some of the implications and issues of this emerging infrastructure. The conference was coordinated by Peter McDonald, librarian for the Agricultural Experiment Station in Geneva, and Henry DeVries, electronic technology specialist for Cornell Cooperative Extension.

"We felt people throughout the agricultural community were beginning to use network systems to disseminate information, but that there was very little quality control and



Kevin Colton/NYS Ag. Expt. Station/Cornell

Peter McDonald, librarian at Cornell's Agricultural Experiment Station in Geneva, helped organize a technology conference at Cornell in December.

overview," said McDonald, who has been at the forefront of creating a presence for Geneva on the Internet vis à vis the World Wide Web. "It is imperative that the information is presented coherently and follows standards. The conference addressed fiscal, sociological and non-technological issues."

At the conference, presentations were delivered from an administrator's, networker

technologist's, information provider's and user's perspective, including "Economic Implications from Paper to Paperless"; "Working Models" including agricultural information systems currently available at North Carolina State, Penn State and Cornell. On Saturday afternoon, attendees participated in several working groups, including ones on "Standards, Copyright and Server

Protection," "Costs and Cost Recovery" and "Last Mile Connectivity."

"We were overwhelmed by the response," said DeVries. "Concerns about effective information delivery cut across an international spectrum of information deliverers - from librarians to editors, college administrators, extension and experiment station personnel and computer specialists and representatives from the private sector."

Participants numbered nearly 100, coming from 15 states and as far away as Texas, New Mexico and Canada. About 25 were from the Cornell community.

One of the events driving the conference, in part, is the fact that a CALS web server should be in operation by spring, and will be used to distribute academic, administrative and extension information. At that time, workshops and other outreach programs will be offered to the university community at large.

"Top administrators in Day Hall should recognize that this is a very powerful and malleable tool," said McDonald, who is concerned with the creation and subsequent abandonment of what he calls "information orphans" - information bytes that are unorganized, unindexed and unsearchable. "The management of information on the Web is very complex. There is a lot of potential, but it is too easy for too many people to put up too much information too fast. If anybody can publish anything they want under the aegis of Cornell, the university needs to establish firm guidelines."

Student PROFILES

Animal attraction drew Detroit student to Cornell

By Dennis Shin

Animal magnetism first drew Jonathan Goodwin '95 to Cornell. After participating in the university's summer veterinary program for high school students, the Detroit resident decided to pursue an undergraduate degree in animal science within the College of Agriculture and Life Sciences. Ever since, his passion for both nature and science has developed into a professional interest in animal behavior.

"Right now I'm applying to Cornell's vet school among others," Goodwin said. "I'm really interested in the training aspect of working with animals. For instance, if Hollywood needed someone to train the next Beethoven or Benji, I would like to be qualified to do that."

Having worked one summer for Wayne State University's Division of Lab Animal Resources, Goodwin acquired first-hand experience in medical research involving animals. He acknowledges that the use of animals in laboratories has sparked controversy in the past, but from his involvement in projects such as testing the effect of diabetes in dogs, Goodwin recognizes that important medical advances in the health of humans result directly from research with animals.

Goodwin's activities outside of the laboratory also reflect his academic and career interests. He serves as the president of the Multicultural Undergraduate Veterinary Association (MUVA), a student organization aimed at preparing students for careers in veterinary studies. According to Goodwin, MUVA offers students who come from different backgrounds the opportunity to observe and interact with animals through field trips and other group activities.

"Not everyone comes from the rural farmland of upstate New York, so it gives students who come from a more urban setting the chance to explore their veterinary interests," Goodwin explained.

Valuing diversity in his relations with other people, he strives to eliminate the biases that tend to exist in his and other peoples' minds. He points to his family background as the source of such beliefs.

"My father is a Baptist minister and both he and my mother have always placed a lot of importance on education, so my family plays a strong role in shaping who I am," said Goodwin, who attributes much of his success at college to both his parents and his religious faith.

He sees Cornell as an ideal environment to bridge the gap between different races and cultures, but at the same time realizes there are obstacles in almost every social situation.

"It's frustrating when a lack of understanding exists



Peter Morenus/University Photography

Jonathan Goodwin, left, performs a cappella at Delta Gamma sorority.

between different cultures. People have to remember to keep their minds open," he said.

Goodwin tries to set an example through his work as

'There are so many different kinds of people at Cornell and so much to learn from each of them. One important thing that Cornell has taught me, though, is that there is still so much more to learn.'

— Jonathan Goodwin

a Student Adviser for the Committee on Special Education Projects (COSEP) in the Office of Minority Educational Affairs. Serving as a peer counselor, he advises

students mainly on their courses and provides support in dealing with academic and personal problems.

"Jonathan brings a wonderful enthusiasm to the office which carries over to all the jobs he undertakes," said Catherine Thompson, Goodwin's supervisor at COSEP. "He's a good listener and he genuinely cares about the other students."

Besides all this, Goodwin still finds time to participate in intramural sports and sing in an a cappella group. He plays on basketball and lacrosse teams, the latter of which won the intramural championship during the three years he played. His singing career began when he and a few friends decided to form their own group rather than join the more traditional choral groups. They named themselves Last Call, and there are now 13 members who perform several times a semester around campus.

Goodwin feels fortunate to have taken advantage of the opportunities available to him at Cornell. One of his goals when he first arrived was to meet everyone in the new student directory for freshmen. He jokes that he came "pretty close."

Glamour honors multi-talented engineering student

By Tamarra L. Strawn

Senior Catherine Charlton used her engineering skills to squeeze her future plans into two compelling lines and wrote an essay describing how her significant past achievements relate to those future plans.

As a result Charlton, a senior in the College of Engineering, was named last fall by *Glamour* magazine as one of America's "Top Ten College Women" in its annual competition.

Charlton's major, which she designed herself, is acoustical engineering. It is primarily a combination of mechanical and electrical engineering. She also is completing a music minor in the College of Arts and Sciences.

Charlton chose Cornell because of its "strong programs across the board." She comes from the university town of Charlottesville, Va., from a scientific family. Her parents work in research labs, and she describes her two older brothers as "very technical - 'engineers'."

"I love everything I do," Charlton said. And she does a great many things.

She is treasurer of the Tau Beta Pi Engineering Honor Society at Cornell and recently attended a national conven-

tion where she picked up a lot of enthusiasm that she has brought back to the Cornell chapter.

Charlton earned a scholarship from the Society of Women Engineers her junior year. This year she was named a laureate of the Tau Beta Pi Engineering Society for "fostering liberal culture," one of only 35 to receive this honor on a national level since 1982.

Charlton originally wanted to be a Latin teacher. But the summer after her junior year in high school she attended the Virginia Governor's School, where she worked at NASA with flight simulators and other sophisticated equipment. That experience helped spark her interest in engineering.

But classical piano is a longtime love which she has been studying for 12 years. During the last two years, she has been composing and improvising on pieces, and she has given many concerts. One of the most notable was in Los Angeles, and another was in Hamburg, Germany, during her stay there as part of a recently instituted engineering program. At her concerts, Charlton primarily performs her own compositions.

After getting her degree, Charlton may seek a job with Steinway, the piano company, or a more traditional engineering job in manufacturing or design, not necessarily related to acoustics. She would also like to use her acoustics degree to design concert halls and musical instruments, though she suspects this may require more education.

Charlton would love to work for the Girl Scouts, perhaps as a national program coordinator. She is now a lifetime member and has been a member for 16 years. Growing up,

Charlton worked for many Girl Scout camps, and was able to accompany troops on trips to Wyoming and to Washington, D.C., where they saw the Supreme Court in session. She also has led a variety of expeditions including activities such as caving, watching plays and attending career fairs. She would one day like to have her own troop.

Last summer, Charlton worked for Proctor & Gamble. She went on many business trips and worked with the lead electrical and mechanical engineers on the installation of certain equipment. She enjoyed the opportunity for fun and travel with the company, as well as the intellectual benefits of the experience.

Charlton is part of the Gamelan Ensemble at Cornell, a group that practices and performs Indonesian music. She also loves to read, especially the classics. Her favorite composers vary greatly, though lately Charlton has immersed herself in the works of Scriabin, an early 20th century Russian composer.

Charlton currently is working on a presentation for the seminar "Listening Across Cultures." In her presentation, Charlton asks, "Is music a universal language?" She focuses on the influences of foreign music on the music of French composer Debussy.

Charlton also took African dance this semester and incorporated some dancing into her latest concert.

Next semester will be somewhat less hectic for Charlton. She needs only seven credits to graduate, and so will take a variety of interesting courses, including an introductory acting class. Charlton also will spend her time getting her compositions written down (at present none are documented on paper).



Catherine Charlton

CALENDAR from page 12

hold information sessions for those interested in GCA positions for 1995-96. This is a live-in position in one of the graduate resident buildings/complexes. Full-time graduate students are welcome. To apply you must attend a session. Remaining sessions are: Hasbrouck Community Center, Jan. 30, 7:30-8:30 p.m.; or Big Red Barn, Jan. 24, 7:30-8:30 p.m. (Note: This position requires approximately 10-20 hours per week and may not be combined with another assistantship; graduate students may work no more than 20 hours per week and receive full residence credit.)

lectures

Southeast Asia Program
Brown Bag Series - "Nationalism as Neurosis: The Vietnamese Case," Keith Taylor, Asian Studies, Jan. 26, 12:20 p.m., Kahin Center, 640 Stewart Ave.

music

Music Department
All events are open to the Cornell Community and the general public and are free unless otherwise noted. For more information call 255-4760.
Jan. 22: Cornell Glee Club and Chorus. "A Farewell to the 1995 Winter Tour," 4 p.m., Barnes Hall, \$3.
Jan. 25: Harpsichord-duo: Ursula Dütschler and Menno van Delft perform music by J.S. and W.F. Bach, Mattheson, Couperin, Boccherini and Blanco. 8:15 p.m., Barnes Hall.

Bound for Glory
Jan. 22: Fred Small. Join us for this outstanding political singer and songwriter, one of the finest performers on the circuit today. Commons Coffeehouse, Anabel Taylor Hall; three sets at 8:30, 9:30 and 10:30 p.m.; free and open; kids welcome; refreshments available. Bound for Glory can also be heard from 8 to 11 p.m. on WVBR-FM, 93.5.

religion

Sage Chapel
Winter Recess: Dec.-Jan. 22: Sage is a non-sectarian chapel that fosters dialogue and exploration with and among the major faith traditions.

African-American
Sundays, 5:30 p.m., Robert Purcell Union.

Baha'i Faith
Fridays, 7 p.m., firesides with speakers, open discussion and refreshments. Meet at the Balch Archway; held in Unit 4 lounge at Balch Hall. Sunday morning dawn prayers and breakfast, 7 a.m.

Catholic
Weekend Masses: Sat., 5 p.m.; Sun., 10 a.m., noon and 5 p.m., Anabel Taylor Auditorium.
Daily Masses: Mon.-Fri. at 12:20 p.m. in Anabel Taylor Chapel. Sacrament of Reconciliation, Saturday, 3:30 p.m., G-22 Anabel Taylor Hall.

Christian Science
Testimony and discussion meeting every Thursday at 7 p.m., Founders Room, Anabel Taylor Hall.

Episcopal (Anglican)
Sundays, worship and Eucharist, 9:30 a.m., Anabel Taylor Chapel.

Friends (Quakers)
Sundays, 11 a.m., meeting for worship in the Edwards Room of Anabel Taylor Hall. Discussions most weeks at 9:50 a.m., 314 Anabel Taylor Hall.

Jewish
Morning Minyan at Young Israel, 106 West



Ursula Dütschler and Menno van Delft perform on two harpsichords Jan. 25.

Ave., call 272-5810.
Shabbat Services: Friday, 5:30 p.m., ATH; Conservative, Founders Room; Reform, Chapel; Orthodox, Young Israel; call 272-5810 for time.
Saturday Services: Orthodox, 9:15 a.m., Edwards Room, ATH; Conservative/Egalitarian, 9:45, Founders Room, ATH.
Hillel meeting: Mondays, 4:45 p.m., G-34 ATH.
Korean Church
Sundays, 1 p.m., chapel, Anabel Taylor Hall.

Latter-day Saints (Mormon)
All are invited to classes on the Book of Mormon: Wednesdays, 7:30 p.m., 314 Anabel Taylor Hall; Fridays, 1 p.m. 316 Anabel Taylor Hall. Sunday services start at 1 p.m. For directions and/or transportation call 272-4520 or 257-6835.

Muslim
Friday Juma' prayer, 1:15 p.m., One World

Continued on page 11

Cornell University Academic Calendar 1994-95 through 1998-99

FALL TERM	1994-95	1995-96	1996-97	1997-98	1998-99
Registration/Course Exchange	Tu/W 8/23-24	Tu/W 8/29-30	Tu/W 8/27-28	T/W 8/26-27	T/W 8/25-26
Instruction Begins	Th 8/25	Th 8/31	Th 8/29	Th 8/28	Th 8/27
Fall Break Begins, 1:10 p.m.	S 10/8	S 10/7	S 10/12	S 10/11	S 10/10
Instruction Resumes, 7:30 a.m.	W 10/12	W 10/11	W 10/16	W 10/15	W 10/14
Thanksgiving Recess Begins, 1:10 p.m.	W 11/23	W 11/22	W 11/27	W 11/26	W 11/25
Instruction Resumes, 7:30 a.m.	M 11/28	M 11/27	M 12/2	M 12/1	M 11/30
Last Day of Classes	S 12/3	S 12/9	S 12/7	S 12/6	S 12/5
Study Period	Su-W 12/4-7	Su-W 12/10-13	Su-W 12/8-11	Su-W 12/7-10	Su-W 12/6-9
First Days of Scheduled Exams	Th/F 12/8-9	Th/F 12/14-15	Th/F 12/12-13	Th/F 12/11-12	Th/F 12/10-11
Last Days of Scheduled Exams	M-F 12/12-16	M-F 12/18-22	M-F 12/16-20	M-F 12/15-19	M-F 12/14-18
WINTER SESSION Period Begins	M 12/26	Th 12/26	Th 12/26	F 12/26	M 12/28
3-Week Classes Begin	Tu 1/3	Tu 1/2	Th 1/2	F 1/2	M 1/4
Winter Session Period Ends	S 1/21/95	S 1/20/96	S 1/18/97	S 1/17/98	F 1/22/99
SPRING TERM					
Registration/Course Exchange	Th/F 1/19-20	Th/F 1/18-19	Th/F 1/16-17	Th/F 1/15-16	Th/F 1/21-22
Instruction Begins	M 1/23	M 1/22	M 1/20	M 1/19	M 1/25
Spring Break Begins, 1:10 p.m.	S 3/18	S 3/16	S 3/15	S 3/14	S 3/20
Instruction Resumes, 7:30 a.m.	M 3/27	M 3/25	M 3/24	M 3/23	M 3/29
Last Day of Classes	S 5/6	S 5/4	S 5/3	S 5/2	S 5/8
Study Period	Su-W 5/7-10	Su-W 5/5-8	Su-W 5/4-7	Su-W 5/3-6	Su-W 5/9-12
First Days of Scheduled Exams	Th/F 5/11-12	Th/F 5/9-10	Th/F 5/8-9	Th/F 5/7-8	Th/F 5/13-14
Last Days of Scheduled Exams	M-F 5/15-19	M-F 5/13-17	M-F 5/12-16	M-F 5/11-15	M-F 5/17-21
Senior Week	Su-S 5/21-27	Su-S 5/19-25	Su-S 5/18-24	Su-S 5/17-23	Su-S 5/23-29
COMMENCEMENT	Su 5/28	Su 5/26	Su 5/25	Su 5/24	Su 5/30
SUMMER SESSION:					
3-Week Session Regist/Classes Begin	W 5/31	W 5/29	W 6/4	W 6/3	W 6/2
8-Week Session Regist/Classes Begin	M 6/12	M 6/10	M 6/16	M 6/15	M 6/14
3-Week Session Final Exams	F 6/23	F 6/21	F 6/27	F 6/26	F 6/25
6-Week Session Regist/Classes Begin	M 6/26	M 6/24	M 6/30	M 6/29	M 6/28
6 and 8-Week Sessions Final Exams	M/T 8/7-8	M/T 8/5-6	M/T 8/11-12	M/T 8/10-11	M/T 8/9-10

This calendar may be subject to modification and is not legally binding.

Office of the Dean of the University Faculty, 12/1/94

Gala concert slated Jan. 21

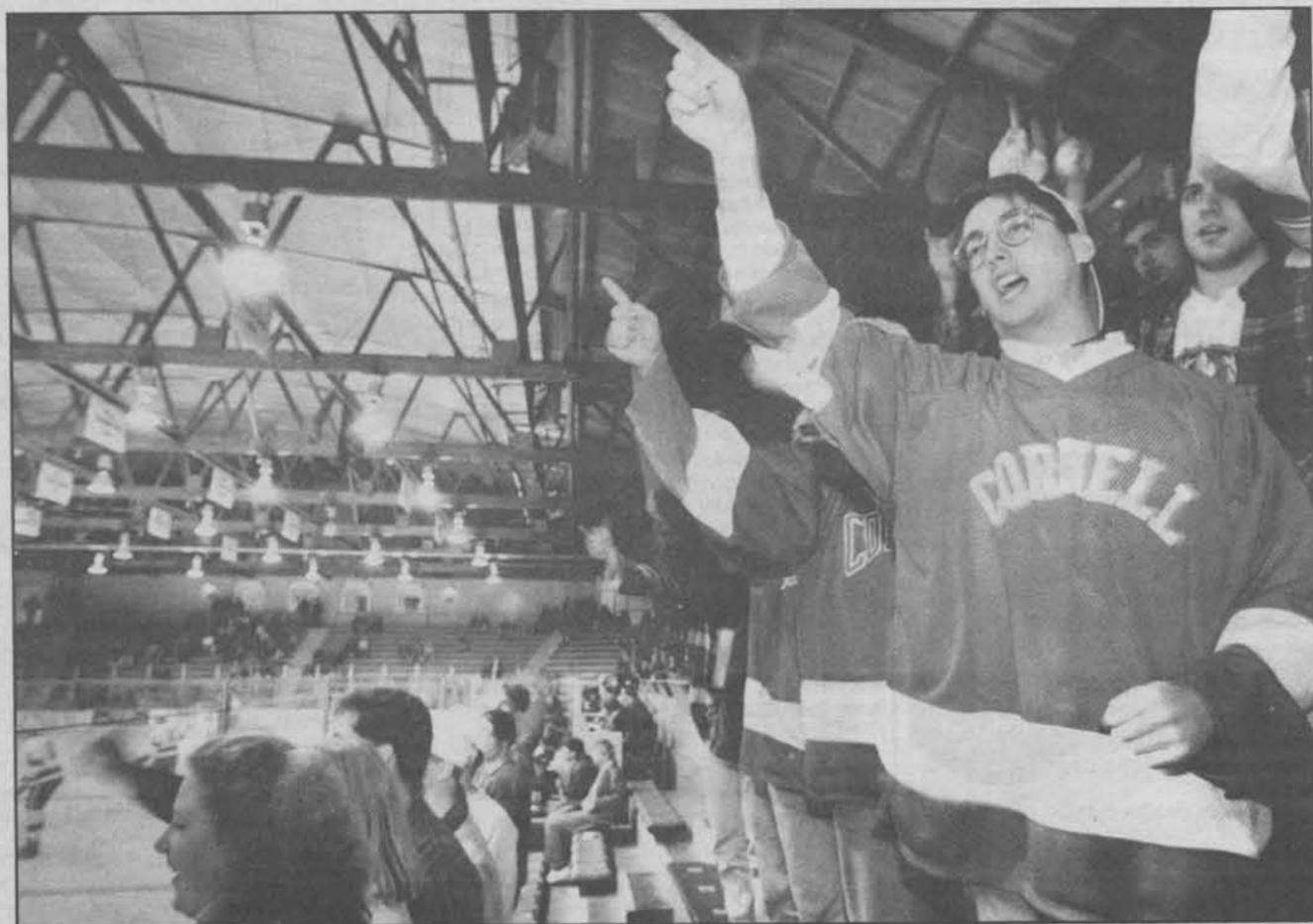
The Cornell Music Library is sponsoring a Gala Benefit Concert Saturday, Jan. 21, at 8:15 p.m. in Barnes Hall to establish an endowment to purchase music library materials. Tickets are \$25 per person and \$10 for students. A reception follows the concert. For more information contact the Cornell Library Public Affairs Office at 255-9868.

The program features works by Dmitri Shostakovich performed by Sterling Beckwith, accompanied by William Austin; Duke Ellington piano transcriptions played by Edward Murray and David Borden; Steve Reich's *Piano Phase* performed by Reich and Borden; and a selection of Stephen Foster songs performed by Judith Kellock and members of her studio, accompanied by Malcolm Bilson.

The Cornell Music Library, a department of the University Library, serves the academic programs of the departments of music and dance and the music needs and interests of the Cornell community.

The Music Library has grown from its 1929 collection of 10 record albums and limited piano rolls to more than 108,000 volumes of books, scores and periodicals about music and dance, 40,000 sound recordings and nearly 700 video recordings. Materials in the collection cover a broad spectrum of music, including art and vernacular musics of various cultures. Materials support dissertation research on subjects ranging from Art Tatum and Hank Williams to melody in Javanese music, and from medieval sequences to post-modern music criticism.

Winning Red



Sharron Bennett/University Photography

Ira Kaplan, right, of Alpha Epsilon Pi, cheers for Cornell during the opening home game of the new semester Sunday night at Lynah Rink. Cornell beat Army 8 to 2.

CALENDAR

from page 10

Room, Anabel Taylor Hall. Daily Zuhr, Asr, Maghreb and Isha' prayers at 218 Anabel Taylor Hall.

Protestant Cooperative Ministry
Sundays, 11 a.m., chapel, Anabel Taylor Hall.

Sri Satya Sai Baba
Sundays, 10:30 a.m., 319 N. Tioga St. For details call 273-4261 or 533-7172.

Zen Buddhist
Tuesdays, 5 p.m.; Thursdays, 6:45 p.m., chapel, Anabel Taylor Hall.

seminars

Astronomy & Space Sciences Colloquium
"The Detection of Water in the Fireball of Shoemaker-Levy 9 from the Kuiper Airborne Observatory," Gordon Bjoraker, NASA-Goddard Space Flight Center, Jan. 26, 4:30 p.m., 105 Space Sciences Bldg.

Ecology and Systematics
"Theories of Neutral Molecular Evolution in Historical Perspective," William Provine, ecology and systematics, Jan. 25, 4 p.m., A106 Corson Hall.

Genetics & Development
"GAGA Factor, Polymerase and the Transcriptional Puzzle," R. Christopher Wilkins, Jan. 25, 12:20 p.m., Biotech Bldg., ground floor, small seminar room.

Horticulture
"The Evaluation of an Optical Method to Estimate Leaf Area of Grapevines," Junko Watanabe, horticulture, Jan. 23, 11 a.m., Jordan Hall, staff room, Geneva.

miscellany

Alcoholics Anonymous
Meetings are open to the public and will be held Monday through Friday at 12:15 p.m. and Satur-

day evenings at 7 p.m. in Anabel Taylor Hall. For more information call 273-1541.

Hillel Brown Bag Lunch
"Great Teachers and their Disciples: A Strained Relationship," Noam Sachs Zion, Shalom Hartman Institute, Jerusalem, Jan. 25, 12:15 p.m.-1:30 p.m., One World Room, Anabel Taylor Hall. For more information call 255-4227.

Writing Workshop
Free tutorial instruction in writing is offered through the Writing Workshop Walk-in Service:
• 178 Rockefeller Hall: Sun., 2 to 8 p.m.; Mon.-Thurs., 3:30 to 5:30 p.m. and 7 to 10 p.m.
• Robert Purcell Community Center, Student Lounge: Sun.-Thurs., 8 to 11 p.m.
• 320 Noyes Center: Sun.-Thurs., 8 to 11 p.m.

sports

Home games are in ALL CAPS.
Records are as of Monday.

Men's Basketball (5-5)
Jan. 21, at Columbia, 7:30 p.m.
Jan. 23, at Colgate, 7:30 p.m.

Women's Basketball (5-8)
Jan. 21, at Columbia, 5 p.m.

Women's Gymnastics
Jan. 21, at Penn w/ Indiana (Pa.), 1 p.m.
Jan. 25, ITHACA COLLEGE, 7 p.m.

Men's Hockey (4-7-2)
Jan. 19, at Colgate, 7:30 p.m.
Jan. 21, COLGATE, 7 p.m.

Men's Squash (1-5)
Jan. 20, at Amherst
Jan. 21, at Trinity w/Dartmouth, 11 p.m.
Jan. 22, Tufts at Williams, 1 p.m.
Jan. 22, at Williams, 3 p.m.

Men's Swimming (3-3)
Jan. 22, at Princeton, 11 p.m.

Women's Swimming (4-2)
Jan. 22, at Princeton, 11 p.m.

Men's Indoor Track (2-2)
Jan. 20, CORNELL PENTATHLON #1
JAN. 21, FORDHAM and VILLANOVA

Women's Indoor Track (1-3)
Jan. 20, CORNELL PENTATHLON #1
JAN. 21, PENN and VILLANOVA

Wrestling (5-4)
Jan. 19-21, NYS Collegiates at SUNY-Oswego

Three new shows at the Johnson

The Herbert F. Johnson Museum of Art opens 1995 with exhibitions featuring Mannerist prints, works by Whistler and Alfred Stieglitz's photography.

A Splendid Diversity: Mannerist Prints from Parmigianino to Goltzius will be on display through April 2. Mannerist prints are considered to be among the most expressive graphic works in the print medium. This exhibition includes nearly 30 16th-century prints from the museum's permanent collection.

Whistler and His Influence: Experiments on Paper will be on exhibit from Jan. 20 through April 2. One of the finest printmakers of the 19th century, James Abbott McNeill Whistler was known for his creative approach to etching and lithography. He advocated "art for art's sake," and stressed simplicity of color and design, as in the famous

portrait of his mother. The show highlights the museum's collection of more than 90 Whistler prints, most donated by William P. Chapman Jr., class of 1895.

Alfred Stieglitz's Legacy: Photography in Art will be on display from Jan. 27 through April 9. This exhibition, drawn from the museum's permanent collection, pays homage to Stieglitz, who is credited with promoting the idea of photography as a legitimate art form. Other photographers whose works will be on display include Alvin Langdon Coburn, Gertrude Kasebier and Karl Struss.

Other exhibitions on view at the Johnson Museum are *The Machines of Leonardo da Vinci* (Jan. 20 - April 2), *Between Light and Shadow: The Work of James Turrell and Robert Irwin* (Jan. 27 - April 9).

The public is invited to attend a reception for the exhibitions Jan. 28 from 5 to 7 p.m.

Farm-community conflicts to be discussed in two-day conference

Today's farmers often are caught in the middle between the conflicting demands of consumers, environmentalists, government regulations and their own economic needs. Cornell Cooperative Extension hopes to resolve some of the confusion with a conference titled "Farming for the Future: Partners in Stewardship," to be held Feb. 22 and 23, at the Sheraton University Inn and Conference Center in Syracuse.

The conference developed out of a previous series of six annual "Transitions" conferences organized by Cornell's Farming Alternatives Program. Previous conferences were aimed primarily at farmers; this event is intended to bring farmers, local government planners, agriculture and agribusiness professionals, extension agents, consumer advocates, environmentalists and others together. The emphasis will be on issues rather than technology, according to conference coordinator Suzanne Cady.

"The goal of the conference is to broaden the perspectives of people from these different interest groups, and give them the skills to work collaboratively," she said. "We want the conference to be educational and

inspiring of hope, but at the same time we want to examine issues that create conflict."

Workshops will deal with current controversies in agriculture such as the effect of dairy farming on water quality, public concerns about food safety, and whether new government regulations help or hinder farmers who are trying to follow "sustainable agriculture" approaches. There will be sessions devoted to the cash crop, grain, fruit, vegetable, dairy, landscape and ornamental industries.

The conference is co-sponsored by Cornell Cooperative Extension, Farming Alternatives, the Cornell College of Agriculture and Life Sciences, Agway, USDA Natural Resources Conservation Service (formerly Soil Conservation Service), the Northeast Organic Farmers' Association of New York, the Northeast Sustainable Agriculture Research and Education Program and several other government agencies, non-government organizations and agribusiness firms.

To register for the conference contact Pam Kline, Department of Soil and Atmospheric Science, 144 Emerson Hall, Cornell University, Ithaca, NY 14853, 607-255-2177.

CALENDAR

January 19
through
January 26

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

Notices 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 International Folkdancers

All events are open to the Cornell community and general public and are free unless otherwise noted. Beginners are welcome; partners are not necessary. Balkan music jams are held on selected Sundays at 6:30 p.m. (call 257-7711.) For information, call 387-6547.

Jan. 22: 6:30 p.m., planning meeting; 7:30 p.m., teaching to be scheduled; 8:30 p.m., open dancing and requests.

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.

• "A Splendid Diversity: Mannerist Prints from Parmigianino to Goltzius," through April 2. Mannerist prints are considered to be among the most expressive graphic works in the print medium. This exhibition includes nearly thirty 16th century prints from the Museum's permanent collection, with examples of work by Parmigianino, Goltzius, Jan Muller and Jacob de Gheyn II.

• "The Machines of Leonardo da Vinci," through April 2. Leonardo used his artistic gifts to explore scientific concepts — many of which were advanced beyond his time. More than 30 reconstructions based on drawings from the *Codice Atlantico* will be presented. Drawings include proposals for a printing press, military tanks, flying machines, high-powered gears and a spring-driven automobile.

• 12 O'Clock Sharp, Thursday Noontime Gallery Talks: Jan. 26, Nancy Green, curator of prints, drawings and photographs will lead a discussion on "Alfred Stieglitz's Legacy: Photography into Art," an exhibit which will be on view at the museum from Jan. 27 until April 9.

films

Films listed are sponsored by Cornell Cinema unless otherwise noted and are open to the public. All films are \$4.50 (\$4 for students), except for Tuesday night Cinema Off-Center (\$2) and Sunday matinees (\$3.50). Films are held in Willard Straight Theatre except where noted.

Thursday, 1/19

"Lolita" (1962), directed by Stanley Kubrick, with James Mason, Sue Lyon and Shelley Winters, 7 p.m.

"Clear and Present Danger" (1994), directed by Philip Noyce, with Harrison Ford and James Earl Jones, 10:10 p.m.

Friday, 1/20

"The Adventures of Priscilla, Queen of the Desert" (1994), directed by Stephan Elliott, with Terence Stamp, Hugo Weaving and Guy Pearce, 7 p.m., Uris.

"Barcelona" (1994), directed by Whit Stillman, with Taylor Nichols, Chris Eigeman and Tushka Bergen, 7:30 p.m. 9:30 p.m.

"Clear and Present Danger," 9:10 p.m. and

midnight, Uris.

"In the Realm of the Senses" (1976), directed by Nagisha Oshima, with Wiko Matuda and Tatsuya Fuji, 9:45 p.m.

Saturday, 1/21

"Lolita," 7 p.m.

"Women from the Lake of Scented Souls" (1993), directed by Xie Fei, with Siqin Gaowa, Wu Yujuan and Lei Luosheng, 7:15 p.m., Uris.

"The Adventures of Priscilla, Queen of the Desert," 9:30 p.m., Uris.

"Barcelona," 10:10 p.m.

"Clear and Present Danger," midnight, Uris.

Sunday, 1/22

"The Lover" (1992), directed by Jean-Jaques Annaud, with Jane March, Tony Leung and Jeanne Moreau, 4:30 p.m., \$3:50 matinee.

"My Little Chickadee" (1940), directed by Eddie Cline, with W.C. Fields and Mae West, 7:30 p.m., Uris, free.

"Barcelona," 7:30 p.m.

"Clear and Present Danger," 9:45 p.m.

Monday, 1/23

"The Adventures of Priscilla, Queen of the Desert," 7:15 p.m.

"In the Realm of the Senses," 9:40 p.m.

Tuesday, 1/24

"Women from the Lake of Scented Souls," 7:15 p.m.

"The Lover," 9:40 p.m.

Wednesday, 1/25

"Dangerous Liaisons" (1988), directed by Stephen Frears, with John Malkovich, Glenn Close and Michelle Pfeiffer, 7 p.m.

"The River Wild" (1994), directed by Curtis Hanson, with Meryl Streep, Kevin Bacon and David Straithorn, 9:40 p.m.

Thursday, 1/26

"Blue Sky" (1994), directed by Tony Richardson, with Jessica Lange and Tommy Lee Jones, 7:15 p.m.

"Before Sunrise" (1995), directed by Richard Linklater, with Ethan Hawke and Julie Delpy, 9 p.m., Uris, \$2.50, to benefit The Cornell Cinema Media Arts Center.

"La Femme Nikita" (1993), directed by Luc Besson, with Anne Parillaud, Jeanne Moreau and Jean-Hughes Anglade, 9:40 p.m.

graduate bulletin

• Spring 1995 ID Validation and Registration: New Procedures: Thurs. and Fri., Jan. 19 and 20 — Go to ID validation in one of following:

Noyes Center or Robert Purcell (Thurs., 8:30 a.m.-noon), or Willard Straight Hall (Thurs. and Fri., 1-5 p.m.). Graduate students with 'holds' and all new graduate students should go to Registration in the Lounge, Sage Hall, on Thurs. and Fri., 8:30 a.m.-4 p.m.

• **Late Registration:** Jan. 23 - Feb. 10, Office of the University Registrar, 222 Day Hall. A late registration fee of \$200 plus interest payments will be assessed to those registering after Feb. 10.

• **Course Enrollment** is through Feb. 10. Bring completed course enrollment forms to Sage Graduate Center. Students who completed precourse enrollment forms do not need to complete a course enrollment form; if there is a change in their schedule, they complete a course drop-and-add form.

• **Reduced Tuition:** An application form for reduced tuition must be filed with the Graduate School when applying for reduced tuition for the first time. To receive reduced tuition for the spring semester, 1995, the form must be received by Feb. 10, i.e., the end of the third week of the semester. Qualifications: doctoral candidate, completed six semesters in the Cornell Graduate School, passed A-Exam, no longer taking courses.

• **New students** return the completed Special Committee Selection and Change form to the Graduate School by Feb. 10. For an entering student the form must bear at least the signature of a temporary adviser.

• **Active File Fee Deadline:** Ph.D. candidates for a May degree who are not registered for Spring 1995 and wish to avoid the \$200 Active File fee for Spring 1995 must complete all degree requirements by Feb. 10.

• **Dissertation/Thesis Seminars** will be held in the Morison Seminar Room, Corson/Mudd Hall: Master's on Tues., Feb. 14, 2 p.m.; Doctoral on Thurs., Feb. 16, 2 p.m. The Thesis Adviser will discuss preparing and filing theses and dissertations; students, faculty and typists are encouraged to attend.

• **Conference Travel Grant:** Applications are due at the Graduate Fellowship Office, Sage Graduate Center, by Feb. 1 for March conferences. Applications available at graduate field offices; registered graduate students invited to present papers or posters are eligible.

• **Graduate Faculty Meeting:** Friday, Jan. 27, 4 p.m., General Committee Room, Sage Graduate Center. This meeting is solely for the purpose of voting on January degrees.

• **Teaching Assistants:** Teaching development workshops will be held on Saturday, Feb. 4, 9 a.m.-4 p.m. For information and registration forms, inquire at the Office of Instructional Support, 14 East Ave., Sage Hall, 255-8427.

• **Students Elected to Board of Trustees:** Candidate's petitions for student member are due Feb. 17; available from Office of Assemblies, 165 Day Hall.

• **Foreign Language and Area Studies Fellowships:** Available to U.S. citizens or permanent residents; deadline for students to return completed application to field office is Jan. 27.

• **Graduate Community Assistant (GCA):** Graduate and Professional Student Housing will

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Classics and
cults dominate
Cinema's line-up

Cornell Cinema hopes to take the chill off winter with a selection of steamy films to be shown through Jan. 30. Among the titles are *In the Realm of the Senses* (Jan. 20 and 23 at 9:40 p.m.), *Last Tango in Paris* (Jan. 27 at 9:15 p.m. and 29 at 8 p.m.) and *Gilda*, starring Rita Hayworth (Jan. 30 at 7:15 p.m.). All films will be shown in the Willard Straight Hall Theater.

Women From the Lake of Scented Souls, award-winning filmmaker Xie Fei's powerful tale of female resilience in rural China, will be screened Jan. 21 at 7:15 p.m. in Uris Hall and Jan. 24 at 7:15 p.m. in WSH. The film shared the Golden Bear honors at the Berlin Film Festival in 1993.

Other highlights on the upcoming calendar include *The Adventures of Priscilla, Queen of the Desert* (Jan. 20 at 7 p.m., Uris); *Spanking the Monkey*, which features Cornell student Carla Gallo, who will attend the screening (Feb. 9 at 7:15 p.m. and Feb. 11 at 7:30 p.m. WSH); *A Tribute to Nam June Paik* (Feb. 14, 7:30 p.m. in the Center for Theatre Arts Film Forum); *Who's Afraid of Virginia Woolf?* (Feb. 20, 7 p.m. WSH), the superlative film adaptation of Edward Albee's classic features the tour de force Oscar-winning performance by Elizabeth Taylor; and the mega-moneymaker *The Lion King* (Feb. 1-6).

For further information, contact Cornell Cinema at 255-3522.



Cornell Cinema presents the Ithaca premiere of *Women from the Lake of Scented Souls*. The film will be shown on Jan. 21 at 7:15 p.m. in Uris Hall and Jan. 24 at 7:15 p.m. in the Willard Straight Hall Theater.