

CORNELL Chronicle

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CU IN PHILADELPHIA

More than 2,000 alumni from around the nation and world will converge on Philadelphia next weekend.

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HOMECOMING '93

Alumni gathered for a weekend of academics, athletics and good times.

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6,000 fill Barton Hall to hear Hillary Clinton

First Lady promotes health plan

By Lisa Bennett

By making a visit to Cornell last Friday, First Lady Hillary Rodham Clinton inspired something of the atmosphere of a rock concert. Thousands of people waited hours to get tickets, stood outside hours more to get the best seats in the house and, then, as she made her entrance before a capacity crowd of 6,000 people at Barton Hall, they jumped to their feet, exploded with applause and snapped so many pictures it looked as if hundreds of fireflies were suddenly let loose.

Nearly everyone, both on campus and off, it seemed, was intrigued by this First Lady phenomenon: A woman whom President Frank H.T. Rhodes, in introducing her, said has "forever changed the nature of the spouse of the chief executive"; a woman whom Congressman Maurice Hinchey, in joining her on stage, predicted would "become the greatest of all our First Ladies throughout history"; and a woman whom, in most national opinion polls, has won higher approval ratings than her husband. A member of the White House advance team said that this was the largest crowd to hear the First Lady since the election campaign.

The first First Lady to visit Cornell since that other remarkable one, Eleanor Roosevelt, Clinton came to promote the president's health care reform package now before Congress. Appointed chief architect of health reform last November, Clinton, who is an attorney, completed preparation of the 1,342-page American Health Security Act of 1993 in less than a year. If approved, it would provide universal and comprehensive health care coverage.

After arriving at Tompkins County Airport at about 4:45 p.m., Clinton made her first stop at the Campus Store, where she autographed copies of *Report to the American People*, a summary of the health care bill, for some two dozen pre-selected students.

Then, she was off to Barton, which had been checked for security hours before by Secret Service agents and their explosives-sniffing dog. As she spoke, two agents stood at the foot of the stage, carefully watching the audience, as they are wont to do, with stone-faced expressions.

Continued on page 2



Peter Morenus/University Photography

Hillary Rodham Clinton (right) signs a copy of the administration's health care reform plan for senior Ellen Kwan of Queens, N.Y., as President Frank H.T. Rhodes looks on at the Campus Store on Nov. 5.

Clinton 'book tour' visits Campus Store

By Roger Segelken

From the start it was an undisguised "photo op" — the Friday afternoon appearance by Hillary Rodham Clinton in the Campus Store to ceremonially distribute paperback copies of the administration's health care reform plan.

Meticulously orchestrated and re-rehearsed by all the waiting participants while the First Lady flew to Ithaca from an earlier stop in Niagara Falls, the access-limited book presentation gave 28 lucky students the souvenir of a lifetime and made the administration's point for staging "The Book Tour" in a photographic fashion.

For more coverage of Hillary Rodham Clinton's campus visit to promote health care reform, see Pages 6 and 7.

"Pictures are everything," explained White House advance person Mary Raguso as she arranged the student-service volunteers called Cornell Ambassadors together with: a small press "pool" who represented print and broadcast media; Alain Sezbec, the Carl Kroch University Librarian; and Campus Store Director Richard McDaniel. No questions from the press to the First Lady would be allowed.

The upper-level gift shop section of the store had been cleared of gifts, then redecorated to resemble the downstairs book store

section of the facility where customers continued to shop. Secret Service agents and a snuffing dog had "swept" the event site before participants were allowed to enter, around 4 p.m.

Raguso passed out copies of *Health Security: The President's Report to the American People*, which arrived earlier that day in a cardboard box from Washington, and played the part of Clinton as students practiced presenting their books for signing. Duct tape marked the spot to pose for the perfect picture, and a table draped in red cloth held a floral bouquet and more copies of the book.

Students passed the time actually reading the health plan, nervously polishing fingerprints from the glossy cover and holding the place with their fingers where the First Lady would sign her name.

Shortly after 5 p.m., Cornell President Frank H.T. Rhodes appeared to chat with the students, teasing those who were absorbed in their reading, "There's a quiz on it at nine o'clock tomorrow."

Rep. Maurice Hinchey (D-N.Y.) joined the waiting group, speaking briefly with some students, and so did Rep. Sherwood Boehlert (R-N.Y.), who noted, "I'm the token Republican." Campus Store workers distributed chilled cans of soda.

At 5:25 p.m., less than a half-hour behind schedule, the First Lady arrived through the store's loading dock entrance. Camera strobes flashed, the pool video camera rolled, and a boom microphone loomed overhead to catch every historic word.

"I want to formally present the book that we are pleased you are going to stock in the

store and the library," Clinton said.

Then, filing forward in the rehearsed order so that the press photographers could remember names to "i.d." the pictures, the beaming students met the First Lady.

Clinton called for the proper writing instrument (for autographs, she prefers a pen called a Sharpie), and she asked each student his or her surname.

She made careful note of the correct spelling of Marni, Amitabho, Jolee and Karin, inquired about their academic majors and wished all success in their studies. When senior Nilay Shah told the First Lady that he was a pre-med major, she encouraged him to continue to medical school, adding: "We need more primary care providers."

Envy of peers

Professor of Human Service Studies Constance H. Shapiro, who was a roommate of Clinton's at Wellesley College, her husband, Professor of Physics and Astronomy Stuart L. Shapiro, and their children, 13-year-old Adrienne and 10-year-old Dan, stood on the fringes. The traveling congressmen tried to edge toward the center. But the photographs that will appear on parental mantles picture a tall university president, a First Lady and students who became the instant envy of their peers.

In her Barton Hall speech, Clinton would mention the health plan book again, urging her listeners to study it, "mark it up, pass it around to other people."

Copies of an expanded Random House version of the book are on sale at the Campus Store for \$9.



Chris Hildreth/University Photography

Clinton argued that health care reform will improve security, savings, quality, responsibility and choice.

Belnick resigns counsel post

University Counsel Mark A. Belnick announced Monday (Nov. 8) that unforeseen personal circumstances were preventing him from assuming the position, and that he would return to his role as a senior partner in the firm of Paul Weiss Rifkind Wharton and Garrison.

"I regret very much the circumstances that have led me to make this decision," said Belnick, "but a number of factors have arisen since I accepted the offer to serve as university counsel and secretary of the corporation that now make it necessary for me to remain in New York. I want to express my deep appreciation to President Frank Rhodes, the members of the Board of Trustees, the senior members of the Cornell administration, and my colleagues in the counsel's office for the support and encouragement that they have given to me since the announcement of my appointment. It has been a great honor to be part of this team, and I wish that it were possible for me to go forward in this new capacity."

President Frank H.T. Rhodes wished Belnick well in his decision: "Mark Belnick returned to his alma mater with outstanding qualifications for the position of university counsel. I regret that unexpected circumstances have suddenly caused him to withdraw. He has long been a highly regarded member of the Cornell family, and I know that he will continue to be extraordinarily helpful to the university in many ways in the years ahead."

A determination on filling the position will be made in the near future.



CORNELL Chronicle

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Cornell University is committed to assisting those persons with disabilities who have special needs. A brochure describing services for persons with disabilities may be obtained by writing to the Office of Equal Opportunity, Cornell University, 234 Day Hall, Ithaca, N.Y. 14853-2801. Other questions or requests for special assistance may also be directed to that office.

BRIEFS

■ **ACSW nominations:** The Advisory Committee on the Status of Women requests nominations for the Second Annual ACSW Recognition Awards, which honor people for their contributions to the campus community that have influenced women or women's issues. Please submit nominations, along with a letter of support, to Mariann Carpenter, 201 Caldwell Hall. Deadline is Nov. 30.

■ **Chemistry Week:** The science and technology behind modern textiles, polymers, food, energy, computers, forensics and microscopy will be demonstrated for the public when chemistry students and faculty members of Cornell and Ithaca College celebrate National Chemistry Week on Saturday, Nov. 13, from 10 a.m. to 7 p.m. at Ithaca's Pyramid Mall. "National Chemistry Week aims to make the public more aware of chemistry's vital role in everyday life and in the nation's economy," according to John H. Terry, associate director of technical operations at the Cornell Department of Chemistry and secretary-treasurer of the Cornell Section of the American Chemical Society (ACS). Faculty members of the local ACS section, which includes Cornell and Ithaca College, as well as stu-

dents will operate seven booths with displays and demonstrations in the shopping mall, Terry said. For more information, contact John Terry at 255-4389.

■ **Cost-cutting awards:** Cornell is seeking applications for the annual cost-cutting contest sponsored by the National Association of College and University Business Officers. This year's contest, co-sponsored by Barnes and Noble, will include awards in three areas: cost reduction, management initiatives and revenue enhancement. University awards will range from \$100 to \$500; the top Cornell winners will be submitted to the national competition. For more information and application materials, contact Ann Roscoe at 130 Day Hall or 255-0388. Deadline is Dec. 3.

■ **Hoy Road:** Construction crews will shore up the west side of Hoy Road that almost washed away during last spring's heavy rains. Emergency repairs were made at the time, but the one-month project, which begins Nov. 15 is designed to secure utilities, the sidewalk and the roadway opposite the parking garage. Pedestrian and vehicular traffic will be maintained, and crews hope to keep disruptions to a minimum.

■ **Winter Session:** Students taking a course in Cornell's Winter Session, Jan. 3 through 21, 1994, may either register for one of the set courses or arrange an individualized study course with a faculty member. Registration is through Dec. 17 from 8 a.m. to 4 p.m. weekdays in B20 Day Hall. For a copy of the course roster or more information, call 255-4987.

■ **Banking warning:** Officials are warning members of the campus community about an illicit mailing sent to some faculty and staff by a firm called Atlantic Mortgage Banking. The letter writer, Lawrence M. Bizjak, is not a Cornell mortgage consultant, and the firm is not endorsed by the university.

■ **Safety shoes:** Lehigh Safety Shoes' shoemobile will be on campus on Friday, Nov. 19, from 7:30 a.m. until noon and from 1 to 3 p.m. at the Life Safety Building, 201 Palm Road (east of the Orchards off of Route 366). Employees eligible to receive department reimbursement for safety shoes should use an L-order, with Lehigh Safety Shoe as the vendor. For more information, call the Department of Environmental Health and Safety at 255-8200.

OBITUARIES

Bart Conta, 79, professor emeritus of mechanical and aerospace engineering, died Nov. 1 at Tompkins Community Hospital.

Conta graduated from the University of Rochester in 1936 and then came to Cornell as a graduate student in the Sibley School of Mechanical Engineering, where he went on to teach for more than 50 years.

In later years, Conta was especially interested in the history of technology and in alternative sources of energy, particularly solar energy. He was a former member of the board of the Center for Religion, Ethics and Social Policy at Cornell and was keenly interested in the Learning Web. He also was a consultant to EcoVillage.

His first wife, Ruth Fletcher Conta, died in 1987. Conta is survived by his second

wife, Claire Conta; three children; three step-children; two grandchildren; and three step-grandchildren.

Abiding by Conta's wishes, no memorial service is planned. Those wishing to do so may make contributions to Hospicare, 301 Dates Drive, Ithaca, N.Y. 14850.

◆
Dr. Benjamin H. Kean, 81, a professor at the Medical College, died on Sept. 24.

Kean, a world-renowned expert on tropical diseases and a distinguished educator and clinician, was known for his incisive diagnoses, teaching style and wry humor. He discovered the course of several diseases and was affiliated with the New York Hospital-Cornell Medical Center more than 40

years. He founded the center's tropical medicine program, established many of the overseas research programs and had a course and a professorship named in his honor.

◆
Dr. Theodore Robertson, a pathologist and professor at the Medical College, died on Oct. 18. He was 75.

In addition to his work at Cornell, Robertson helped found the Medical Technology Department at C.W. Post College of Long Island University, and he served on numerous medical boards and medical organizations.

From 1950 to 1974, he served as chief of pathology at the Community Hospital at Glen Cove, Long Island.

First lady *continued from page 1*

In evidence of her frequently cited charm, Clinton began her talk by discussing the importance of Cornell's contributions to the country through its research, faculty and alumni. She cited this year's two Nobel Prize winners, novelist Toni Morrison, Class of 1955, and economist Robert Fogel, Class of 1948; Urie Bronfenbrenner, co-founder of Head Start and professor emeritus of human development and family studies; and former Surgeon General C. Everett Koop, M.D. '41. Then to wild applause, she added, "and particularly, Justice Ruth Bader Ginsburg [Class of 1954] and Attorney General Janet Reno [Class of 1960]."

"When my husband realized that Justice Ginsburg and Attorney General Reno were both graduates of Cornell," Clinton added, "his eyes lit up, and he said, 'Well, why don't we just put a permanent recruiting office up there in Ithaca?'"

Her warm-up complete, Clinton quickly revealed her other often-cited characteristic: getting down to business. For 40 minutes, she made her case for health care reform, without notes and with a sense of growing energy, by escalating her volume, pace and passion. And in the end, her skills as a lawyer were evident: Arguing that health care reform would improve security, savings, simplicity, quality, responsibility and choice, she concluded that its adoption was a given; the only question was how it should be financed.

The rationale for passing universal health care coverage, Clinton argued, lies in the need to rebuild American optimism in the future.

Today's problems are not more difficult than those of the past, she said, but we lack the optimism we used to have. What is called for, she added, is the fostering of security in the economy, the physical security of our communities and in health security.

"How can we expect people to feel secure about themselves and their children's future if they cannot feel secure about having their most basic health needs met?" she argued. What the administration means by health security, she said, is "making sure every single American has health care coverage that is always there, no matter who you are, where you live, whether you work or for whom and, especially, whether or not you have ever been sick before."

It also means providing preventive and mental health coverage, she added. Most policies, she noted, "don't cover mammograms or pap smears or cholesterol screening but will cover surgery. . . . We have had an upside-down health care system for too long. Why don't we pay to prevent illness instead of paying to cure and remedy it after it is too late?"

Of particular interest to Cornell, Clinton said the plan would provide for increased funding for medical research. "Your commitment to making the very best advances in research and to be on the frontiers of medical breakthroughs will be part of the plan the president has proposed, because we intend to provide more money for research," she said.

Reforming the system would also allow for savings by eliminating waste, fraud and abuse and making the system more effi-

cient, she argued. "Dr. Koop, one of the Cornell alums I mentioned, calculated that he believes there are more than \$200 billion of unnecessary costs in our health care system," she said.

Contrary to advertisements run by the insurance industry, which warn that people will lose their choice of physician under the Clinton plan, the First Lady argued that reform is also needed to preserve choice.

"If we do nothing and merely stay with the status quo, you will increasingly have less and less choice because employers who pay the bills will make the decisions as to where you go for medical care," she said. "The president's plan will change that. Employers will not make decisions as to which health care plan you will join. You will make that choice."

In conclusion, Clinton held up the book, *Report to the American People*, which is available in the Campus Store, and appealed to the audience to read it, saying, health care reform should not be decided behind closed doors or only by those with a big financial stake in it. Then, echoing her husband's campaign theme, she added, "There isn't anything wrong with America that America can't fix."

As the audience jumped to its feet again, the First Lady spent 15 minutes working her way out the door, shaking hands and smiling for photographs. Shortly after, she was back on a plane at Tompkins County Airport. The trip lasted just about three hours. But, as she was met with several days' worth of anticipation, talk of it lingers still.

Spin doctor



Dr. Martin J. Fettman, the holder of three Cornell degrees and the first veterinarian in space, serves as a test subject in a rotating chair aboard the space shuttle Columbia as fellow astronaut Rhea Seddon gives the chair a push. The shuttle recently returned from a record-setting 14-day mission.

NASA

Anderson says captors 'did not destroy me'

By William Holder

A gentle and reflective Terry Anderson, speaking on Nov. 4 at Bailey Hall, professed forgiveness for his Shiite captors and thanks for his new life since his release from Beirut two years ago.

Greeted by a standing ovation from 2,000 people, Anderson recounted his nearly seven-year ordeal as a prisoner without once raising his voice in anger. "Hating them is not going to hurt them one bit," he said. "Those people did not destroy me."

Anderson's captivity began in cruelty and ended in irony. Abducted in March 1985 by four armed men who shoved him into a Mercedes, he left a pregnant fiancée in their Beirut apartment. He was blindfolded and chained to a cot for 24 days, permitted only trips to the bathroom. "There were times I wanted to die," he confessed.

His last day of captivity began in December 1991 when he heard a radio bulletin that he was already on his way to Damascus. The premature announcement became reality later in the day when his captors apologized

for what they had done and acknowledged the kidnapping "was not a useful tactic." They gave him a dozen carnations for his fiancée (he later decided she would not relish flowers from the kidnappers), and turned him over to a Syrian colonel, who removed his blindfold and took him to Damascus.

Between those two times, Anderson and his fellow captives became pawns in a terrorist drama followed by millions of people year after year. Anderson and his wife have documented the experience in a new book, *Den of Lions*. His story is replete with poignant moments, such as the time he stood on tiptoes, peering through a slot in a door until his legs trembled in order to converse with prisoners via a primitive, letter-by-letter sign language.

"It wasn't always grim and terrible. We

laughed a lot," he said, particularly over the time they persuaded a guard to go outside and buy treats from a passing ice cream truck.

Mostly, though, Anderson said he was sustained by his religious faith. He read the Bible cover-to-cover more than 50 times. Plucked from a busy life as head of the Associated Press bureau in Beirut, he had ample time for contemplation and emerged from the ordeal with a knowledge of himself that he would not have gained otherwise.

"I'm not sure that I would have survived at all without that Bible, without my faith," he said.

Now he revels in his new life with his wife and 8-year-old daughter, disdaining any bitterness. In accord with his faith, he said he is forgiving his captors, but he has held firm to his belief that ransoming hostages is a mistake. It simply creates a market for Americans, he explained.

Somewhat vague about his future plans, Anderson said that he hopes to become involved in politics, not as a candidate, but as an individual advocating change to address problems in the United States.



Anderson

Haitian adviser seeks greater pressure from U.N.

By Mark Eyerly

Leslie Voltaire, top adviser to exiled Haitian President Jean-Bertrand Aristide, said here last Friday that the crisis in his nation has "deep historical and economic roots," and he called on the international community to apply greater pressure against Haiti's military.

"We still need to build more international will to apply the agreements" signed at Governor's Island in New York City that called for Aristide to return to Haiti by Oct. 30, Voltaire said. He suggested that the United Nations should broaden its embargo against arms and oil shipments to Haiti to include the prohibition of air traffic and of telephone and other communications into and out of the country, to further isolate the military leadership.

During his seven months in power before being ousted in a military coup, Aristide had reduced human rights abuses and brought security to the streets of Haiti; secured freedom of speech; introduced fiscal discipline to the government; and made gains in the fight against drug traffickers,

Voltaire told an Anabel Taylor Hall audience of about 60 people.

But Aristide accomplished all of that without any international aid to strengthen the economy, Voltaire added. As a result, "It was like surgery without anesthesia, and it hurt a lot of people." A military coup d'état ousted Aristide, who is now in exile in the United States.

The current violence in Haiti is the latest episode in a history of terrorism and foreign intervention in his nation, Voltaire said, beginning with Columbus' arrival in 1492 and the subsequent murder of 1 million Indians in 25 years, through the French slave trade in the sugar industry in the 18th century that led to a successful revolution by the slaves and the creation of a nation, to intervention by the United States in the training of military leadership and the giving of aid to the Duvalier regimes to prevent the expansion of communism from Cuba.

The Carter administration's attempts to democratize Latin America led to economic development in Haiti, the formation of labor unions and the rise of a middle class, ending the Duvalier dictatorship, Voltaire said.

From 1986 to 1991, Haiti went through a five-year "transition," Voltaire said, with five different military governments and the postponement of elections in 1987 because



Voltaire

of massacres at polling places. In 1991, Aristide won election with nearly 70 percent of the vote. Three weeks later, he withstood an attempted coup by people loyal to Duvalier, largely because the military refused to participate in that revolt.

Voltaire maintained that Aristide is more popular now in Haiti than he was when he won election. With sufficient support from the international community, Aristide can bring both constitutional order and economic development to Haiti, he added.

Voltaire is a Cornell graduate. He earned a master's degree in city and regional planning in the College of Architecture, Art and Planning in May 1982.

2,000 alumni to gather in Philadelphia

By Sam Segal

More than 2,000 alumni from around the nation and world will converge on Philadelphia next weekend for briefings by a dozen distinguished faculty, an updating from President Frank H.T. Rhodes, and socializing that will include the 100th Cornell-Penn football game.

Students will be attending, too, but their numbers are elusive because many will drive down and back without registering for events.

The centerpiece of the four-day weekend — called "CU in Philadelphia" — will be the football game at Franklin Field, to be preceded by crew races on the Schuylkill. But the university's intellectual life, and its changing role in coming decades, will have top billing.

Claire M. Fagan, Penn's interim president and the first woman chief executive at Penn, will be the dinner speaker on Friday.

The schedule on Friday, Nov. 19, includes:

- At 9:30 a.m., Carl Sagan, the David Duncan Professor of Astronomy and Space Sciences, examining the question: "Is there Life on Earth?"

- At noon, during lunch, Rhodes will discuss the state and future of research universities.

- From 2 to 5 p.m., six panels of professors will discuss what's new in their fields. They are:

Biology — Peter Bruns, director of the Division of Biological Sciences, and Lynn Jelinski, professor of engineering and director of the Biotechnology Program.

The United States and Japan — Karen Brazell, professor of Japanese literature and Asian studies, and Walter LaFeber, the Marie Underhill Noll Professor of American History.

The 24-hour society — James Maas, professor of psychology, and Andrea Parrot, assistant professor of human services studies.

Engineering education — Anthony Ingraffea, the Dwight C. Baum Professor of Engineering and director of the National Engineering Education Coalition, and Alfred Phillips Jr., associate professor of electrical engineering.

Political institutions in the 1990s — Theodore J. Lowi, the John L. Senior Professor of American Institutions, and Richard Polenberg, Goldwin Smith Professor of American History.

Stock-market investments — Avner Arbel, professor of hotel administration, and Jonathan R. Macey, the J. DuPratt White Professor of Law.

All of Friday's events — including deans' breakfasts at 7:30 a.m. and a reception and dinner-dance starting at 7 p.m., will be in the new Pennsylvania Convention Center in downtown Philadelphia.

A buffet supper from 6 to 9 p.m. on Thursday, Nov. 18, will be held in the Pennsylvania Academy of the Fine Arts, where there will be five ethnic and regional buffets and music by the Mummies' Italian-American String Band.

In the registration room at the convention center, Cornell Information Technologies, the Library and other university departments are setting up demonstrations of new technology, including computer/video hookups that will let registrants have live contact with the campus and Cornell Abroad students in Europe, and on-line connection with the library, from which books that have been digitized can be instantly printed out upon request by registrants.

CU in Philadelphia, almost two years in the planning, is being guided by a Philadelphia alumni steering committee headed by Barbara H. Kaplan, Class of 1959, and L. William Kay, Class of 1951.

On campus, a Public Affairs committee has been led by Jack Krieger, Class of 1949, and Ellie Angers.



The video surveillance system developed by Dr. Eli Einbinder of Cornell Medical College records activity at random intervals in locations such as a dentist's office (top), which shows a video camera eye's view. Above, a video camera in a psychiatrist's office, with the inventor in the doctor's seat, obscures the identity of the patient.

Video system takes worry out of doctor-patient relations

By Roger Segelken

Patients' fears of sexual abuse by doctors—and doctors' fears of being falsely accused of misconduct—could be eased if an invention by a Cornell Medical College psychiatrist becomes a routine part of office visits.

Eli Einbinder, M.D., clinical associate professor of psychiatry at Cornell and associate attending psychiatrist at New York Hospital with a private practice in Manhattan, has developed a video system that records medical professionals' actions, a few frames at a time, at random and unpredictable intervals.

Because the system is sealed and cannot be altered, a videotape of an office visit

ruined by false accusations.

Besides protecting patients and medical professionals—such as psychiatrists, physicians, gynecologists and dentists—the system could be used in other applications, the inventor suggests.

Jails and police stations, nursing homes, lawyers' offices and homes where a family member has been previously accused of sexual abuse are some possibilities.

As well, the system might preserve family and career integrity when a suggestion of impropriety has been made, Einbinder said.

The video surveillance system works this way:

A locked video camera is installed in an unobtrusive location and aimed particularly at the practitioner. Depending on the situation, the patient need not be shown clearly, and the system can operate without audio recording to preserve confidentiality. Movement and/or sound activates the system, which records a few frames (along with the time and date), averaging a few seconds of recording every two minutes. Office visitors are told that the device is in use, and an alarm sounds if the system stops working. After about two months, the tape is replaced and stored by a service person from a bonded security firm.

The Cornell Research Foundation has applied for a patent on the system.

Although the system is composed of existing technology, said Richard S. Cahoon, associate director of the Cornell Research Foundation, "We are hopeful that we can obtain a patent because of the system's unique features and applications—surveillance in situations that warrant a degree of privacy."

Said Einbinder, "I'd be very disappointed if some form of protection does not become widely available from this. No one should have to worry about being abused. Or about being falsely accused."

could be legal proof of what did not happen, he predicts.

"Some video surveillance systems record what *did* happen: a box being stolen from a warehouse, for example. But this system records just enough to show whether misconduct occurs, without violating the confidentiality of the doctor-patient relationship," Einbinder explained. "Just knowing that the camera is there should help keep both parties honest."

The psychiatrist appreciates the concerns of both sides, he said. He has treated patients who were sexually abused by other doctors, and he knows colleagues who were falsely accused of such abuse.

Many malpractice insurance companies will not insure against claims of sexual abuse, Einbinder noted, and careers can be

Apparel experts design new style of surgical gown

By Susan Lang

A Cornell apparel designer has dramatically improved the comfort of protective surgical gowns at no added cost by using a special ergonomically designed sleeve, a new impervious "breathable" disposable fabric and a sophisticated computer program to lay out pattern pieces efficiently.

Improved surgical gowns that comply with stricter regulations for protective clothing are needed to protect healthcare workers against the AIDS virus and other bloodborne pathogens. Yet, current gowns are hot to wear and uncomfortable.

"Since many surgical gowns are tight across the shoulders and inhibit arm and shoulder movement, a major objective of the project was to improve the wearer's range of motion by redesigning the traditional sleeve without adding cost," said Susan Ashdown, assistant professor of textiles and apparel in the College of Human Ecology. Ashdown, who teaches undergraduate apparel design and computer-aided design courses, worked on the project with graduate student Beatrix Paal.

The apparel designers used a "self-gusset" to relax the fit and relieve the shoulder tightness, because such a gusset requires no extra seams. A gusset is a triangle- or diamond-shaped piece of fabric sewn into a seam junction to relax the fit. A self-gusset relieves tightness by reshaping the sleeve with extra fabric under the arm that allows more arm movement but gets tucked into the back when the arm is down. Since it requires no extra seams, the self-gusset saves labor time.

The researchers believe this is the first time a self-gusset has been used in a protective garment.

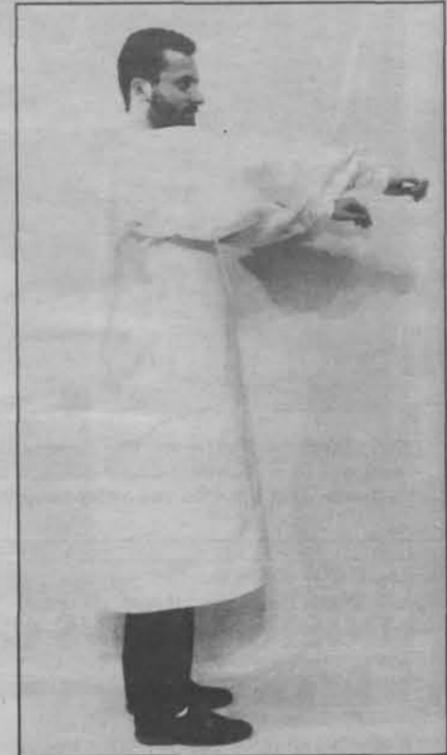
In the United States, more than 70 percent of surgical gowns are disposable and made of a paper-like non-woven fabric with patches of polyethylene film adhered in strategic places to protect against blood penetration. This film, which is the same plastic used in food storage bags to seal in moisture, is "hot" and uncomfortable to wear.

The improved surgical gown, now on the market after review by the Food and Drug Administration, is made entirely of a new protective disposable microporous fabric called LAIV-TEX 36. It not only better protects against liquid penetration because the older gowns only protect in patches, but also allows body moisture to escape, unlike

the other gowns on the market.

The Cornell researchers were able to dramatically improve the gown without adding cost, an important factor in today's health care, by maximizing the efficiency of how the pattern pieces are laid out on the fabric.

Such efficiency, comparable to that of Japanese kimonos made of costly silk, was made possible by using a new and sophisticated computer program for the apparel industry donated by Investronica, a soft-



The apparel designers used a "self-gusset" to relax the fit and relieve shoulder tightness.

ware company based in New Jersey. Cornell is one of only a handful of universities across the nation with such a program, which will be used for teaching, research and industrial projects.

The project, conducted under the auspices of the Industrial Technology Extension Service, a Cornell Cooperative Extension program that allows faculty to work on practical problems for companies that pay for it, was funded by Laivan Corp. of New York City which invented and produces the manufactured, non-woven disposable fabric.

Inquisitive home remodelers are more satisfied with results

By Susan Lang

When remodeling, beware: those who ask the fewest questions and do the least "homework" end up the most dissatisfied, according to a new Cornell study.

Most people—70 percent—fail to consult professionals before they embark on home improvement projects, says Joe Laquatra, a housing specialist and associate professor of design and environmental analysis in the College of Human Ecology. Almost half—42 percent—don't even consult a friend or relative. When prospective home remodelers do seek information before their job, however, most consult more than one source.

"We found that single-parent and one-person households did the least amount of research before their project—and had the lowest ratings for satisfaction," Laquatra said. "Those who sought the most information were happiest with the finished job."

Although many studies have looked at other aspects of remodeling, Laquatra said that he believes that this is the first study to examine the information-seeking behavior of consumers planning to remodel.

The research is based on a questionnaire from 110 respondents in a random sample

of households in 10 counties. The study, co-written by Hiroko Ichimune, visiting professor from Osaka Shoin Women's College in Japan, will be published in a forthcoming issue of *Housing and Society*.

Americans spent \$98 billion on remodeling in 1991, said Laquatra, who conducts research and training on technical and socioeconomic issues related to housing—such as energy efficiency, indoor air quality and housing affordability—for Cornell Cooperative Extension. In Laquatra's sample, homeowners spent between \$1,400 and \$15,450, an average of \$7,000, per job. The projects ranged from painting and replacing draperies to redoing kitchens or baths, replacing heating and cooling equipment, and adding porches and utility rooms.

The Cornell housing specialist also found that professionals and laborers relied on friends and relatives for remodeling information significantly more than other occupational groups; similarly, middle-age consumers turned to friends and relatives more commonly than other age groups.

For a listing of publications related to home remodeling, contact the Resource Center-GP, 7 Business and Technology Park, Ithaca, N.Y. 14850, or call 255-2080.

CORNELL
Research

Grand Challenge Grant supports study of black holes

By Larry Bernard

Cornell astrophysicists Stuart L. Shapiro and Saul A. Teukolsky have been awarded a Grand Challenge Grant by the National Science Foundation to study black holes and their interactions on supercomputers.

The pair is part of a team at eight universities to receive \$3.75 million over five years, with Cornell's share \$515,000, to study "Black Hole Binaries: Coalescence and Gravitational Radiation."

Grand Challenges are fundamental problems in science and engineering identified by the federal government as having "broad economic and scientific impact, whose solutions require the application of high-performance computing."

CORNELL
Research

Shapiro and Teukolsky, both professors of physics and astronomy, will use supercomputers at the Theory Center to simulate the formation and collisions of black holes. They previously performed smaller-scale simulations of how a black hole forms using supercomputers at the Theory Center.

"These exotic objects are described by Einstein's equations of General Relativity. Solving these equations requires state-of-the-art computing, including massively parallel systems consisting of hundreds of processors working simultaneously," Shapiro said.

Black holes have such a strong gravitational field that nothing, not even light, can escape from them.

"Supermassive black holes are believed to be the engines that power quasars, the most energetic objects in the universe. Smaller black holes are likely to be present in our own galaxy. According to General Relativity, their occurrence may be quite common in the cosmos," Teukolsky said.

"We are delighted to see Shapiro and Teukolsky's fundamental and exciting work recognized in this way," said Malvin H. Kalos, director of the Theory Center. "Our acquisition of state-of-the-art scalably parallel machines, the IBM SP-1 and its successor, and the KSR machines, has been undertaken in order to be able to support worldclass research like this."

The work of Teukolsky and Shapiro will be important to

the NSF's Laser Interferometer Gravitational Wave Observatory (LIGO), now under construction in California. This observatory will measure for the first time the gravitational waves given off when black holes collide. The computer simulations will predict the expected signals.

Further, the techniques the black hole Grand Challenge project will develop and the cutting edge computers it plans to use will be useful for solving practical problems in such diverse areas as aerodynamics, biophysics and environmental science — part of the motivation for the program.

The grant was one of nine awards this year, covering all areas of science. Merrell Patrick, NSF's coordinator for high-performance computing, said: "By their very nature, these problems are beyond the scope of a single researcher, a single scientific discipline and, sometimes, a single supercomputer. That's why the Grand Challenges program encourages an integrated, multidisciplinary approach to solutions."

The consortium of physicists, astronomers and computer scientists includes participants from seven universities in addition to Cornell: the University of Texas at Austin, University of Illinois at Urbana-Champaign, Syracuse University, University of Pittsburgh, Pennsylvania State University, Northwestern University and the University of North Carolina.

Complex tasks are no match for these robots

By Larry Bernard

Tommy and Lily can navigate their way around a room, locate a couch, determine the best way to move it and then move it across the room, all without speaking a word.

That they cooperate at all in such a task is a major feat, for Tommy and Lily are mobile robots in Cornell's Robotics and Vision Laboratory who use advanced systems of infrared, ultrasonic sonar and computer vision to navigate and track objects. Both equipped with as many as 20 microprocessors controlling various aspects, Tommy and Lily are testimony that small teams of completely autonomous mobile robots could perform a variety of tasks in industry.

The largely student-built robots are prototypes in the lab. Designed by two computer scientists for undergraduate and graduate teaching, the lab swarms with students as they build examples of what they learn in class.

The researchers, Bruce R. Donald and Daniel P. Huttenlocher, both assistant professors, use the lab for undergraduate, graduate and postdoctoral training. They believe it is the only computer science lab in the nation to be run by a pair of Presidential Young Investigators — awarded by the National Science Foundation to promising young researchers in science, math and engineering. Huttenlocher also is a decorated instructor: In September he was named the New York Professor of the Year by the Council for Advancement and Support of Education, and last year he won two of Cornell's highest teaching awards.

Although the robots are used for teaching, they represent advances in the field and the professors' own research. "We want to make robotics as modular as can be," Donald said. "If you want a new sensor, just pop it in. That way, you can change the part that controls the sensor without modifying the surrounding program. We've been doing that in computer science for some time, but in robotics, it's new."

The Cornell robots, about 2 feet tall, move about by controlling motors attached to wheels. They are autonomous, and both have a ring of 12 ultrasonic sonar sensors. They have infrared sensors and contact, or "bump," sensors and are battery powered. Tommy can run for about three hours; Lily, five or six hours before recharging. Tommy, the second of four robots built at the lab, can do a variety of tasks with other robots. The first robot was a prototype for Tommy, then came Lily and a fourth is being built. "It's not too hard to get a single robot to do a manipulation task. But to have a robot team cooperate in manipulation is a very difficult problem," Donald said.

Additionally, the robots have a sophisticated landmark-based navigation system that Huttenlocher developed. He devised a two-dimensional system of "viewing" in which images are retained and tracked, so that the robot can "recognize" a landmark it has seen before. His algorithms for comparing and recognizing shapes of two-dimensional images allows Tommy to follow someone around a room or move toward something. He described the system at the International Conference on Computer Vision in Berlin.

For Tommy to "see," the robot must be tethered to a workstation. But the newest robot, Penelope, will have an onboard vision system and a laser tracking system as well.

Although many undergraduate and graduate students contributed, Tommy was built under Donald's direction largely with graduate students Jim Jennings, Russell Brown and Jonathan Rees.



Peter Morenus/University Photography

Studies of African and North American *Drosophila* DNA by graduate student David J. Begun (left) and Associate Professor of Population Genetics Charles F. Aquadro cast doubt on the genetic homogeneity of a "tool kit" species.

Genetic studies of the African fruit fly challenge traditional view of evolution

By Roger Segelken

The population biology of a standard "tool kit" species for genetics, the common fruit fly *Drosophila melanogaster*, may be more complicated and interesting than researchers believed.

Writing in *Nature* (Oct. 7), Cornell geneticists David J. Begun and Charles F. Aquadro reported surprisingly high levels of variation in the DNA of fruit fly populations in Zimbabwe, compared to DNA of the same species in the United States.

The finding will cause geneticists to discard the long-held assumption of genetic homogeneity among populations in this species, said Aquadro, an associate professor of population genetics and of ecology and systematics.

Drosophila, which can hitchhike on transported fruit and wind currents throughout the world, were considered to be so genetically cosmopolitan that samples of DNA sequences from populations collected anywhere should be essentially identical, explained Begun, a graduate student in Aquadro's laboratory.

"Because of gene flow between continents, some variation was expected within particular populations in geographic regions, but not among the world's populations," Begun said. Thus, fruit flies collected from Sengwa Wildlife Refuge in Zimbabwe and in the United States should have comparable levels of variation, and the same variants should be seen in all populations at similar frequencies.

Instead, the geneticists found twice the level of DNA variability in African flies. Further, most variants were not shared between the two populations, and some genetic differ-

ences between populations were nearly "fixed" in regions of the genome with low recombination rates, they reported.

"We're not seeing the rise of a new *Drosophila* species in Africa — yet — but we are finding that *Drosophila* populations are not as close to evolutionary equilibrium as was once believed," Aquadro said. Equilibrium occurs, he said, when countervailing evolutionary forces, such as new mutations versus natural selection, stabilize the number of variants in a species over time.

"Now we can look at a partially differentiated population and ask such questions as what roles are played by natural selection, chance and other factors causing the similarities and differences? And what key changes make one species into two? This is evolution in action."

That's the good news. But some interpretations about evolution may have to change, Begun and Aquadro argue. By assuming that U.S. flies were representative of a species at equilibrium, geneticists have drawn conclusions about the role of natural selection in shaping variation in morphology, proteins and other aspects of the phenotype — conclusions that may need substantial revision, the researchers suggest.

At Cornell, where Aquadro teaches undergraduate classes in population genetics and designs curricula for the Writing in the Majors program, the plan is to test other *Drosophila* populations in Africa. The research is supported by the National Science Foundation and the National Institutes of Health.

"We may have undermined *Drosophila* as a model system for some questions," Aquadro said, "but now we have an ideal system for new questions we couldn't ask before."

So good to see you again: visit reunites roommates

By Susan Lang

At their 15th college reunion at Wellesley 10 years ago, Hillary Rodham Clinton told Connie Shapiro, one of her college roommates, that she'd be interested in coming to Cornell to give a seminar.

Well, three weeks ago, Shapiro, professor and chair of the Department of Human Service Studies in the College of Human Ecology, issued Clinton an invitation. In her note, Shapiro commended Clinton on her health care reform work and offered Cornell as a good stop for her health care campaign. And with just three days notice, Cornell rolled out its red carpet for the First Lady's first visit to Cornell.

As Clinton entered the Campus Store, her first Cornell stop, Shapiro, her husband (and college beau), Stuart Shapiro, professor of astronomy and physics, and their two children were there to greet her.

"In the corridor, we gave each other a big hug, she gave Stu a kiss and we invited her into the cozy 'holding room' the Secret Service had established with the Campus Store. I suggested she make herself comfortable and enjoy the 'tea and cookies' laid out for her, and she laughed," Shapiro said,

referring to Clinton's comments during the campaign about not staying home to have teas and bake cookies.

"She first engaged the children, asking Adrienne (age 13) about school and where her long pigtails were, remembering how she had admired them 10 years ago at a Wellesley reunion, when she had remarked that she couldn't wait for Chelsea's hair to grow long. She then turned to Daniel (age 10) and asked him how school was. Then she told us about Chelsea's experience at space camp this past summer and how her own interest in astronomy had been squelched as a teen-ager when she was informed by NASA that females couldn't be astronauts," Shapiro said.

Stuart Shapiro, now an astronomer, replied, "Hillary, I didn't know back then you wanted to be an astronaut or an astronomer. Well, astronomy's loss is the nation's gain."

It was Clinton, in fact, who had helped Shapiro dress for her first date with her future husband. "She was unusually interested in what I was going to wear that night — I couldn't have cared less — as she had heard about Stu and wanted me to make a good impression," Shapiro said.

The old college roommates had 20 min-



Chris Hildreth/University Photography

"The threads of our friendship that were woven years ago in the 1960s allowed us to pick up again where we left off, with no awkwardness or stiltedness," Professor Connie Shapiro (left) said of being reunited with her college roommate, Hillary Rodham Clinton.

utes to share before Clinton was whisked off to Barton, so their conversation hopped back and forth from the professional to the personal, from health care and politics to family, to the old days, to Cornell and back to family again.

"Hillary said she was struck by the campus' beauty, and she asked us about how the economy was affecting Cornell, about President Rhodes, and how Stu's work and my work were going," Shapiro recalled.

"We told her how the excitement on campus for her visit was electric and how students had waited hours in line for their tickets. She was quite amazed and said how wonderful it was for her to come here with that kind of response."

Stuart Shapiro told Clinton that her health care activities and book campaign had particular appeal to college audiences and academics. "You prove that serious politics cannot be reduced to a sound bite," he told her, and she agreed.

Shapiro said that the White House advance staff had been concerned that Barton was too big to fill, and perhaps Bailey Hall would be a better choice. Stuart Shapiro then said to them, "I guarantee we will fill every seat in Barton. My own colleagues on this campus are very excited about her visit, and if you can get my colleagues excited, you can fill Barton Hall!" (In fact, hundreds were turned away.)

As Clinton chatted with the Shapiros, she signed copies of her health care book, including one for the Shapiros, and invited

the Shapiros to the White House. Stuart Shapiro remarked on the growing opposition that she was likely to encounter from insurance companies and other vested interests who might be threatened by the new plan. He also expressed his delight at her recent public counter-attack.

"Her eyes twinkled, and she remarked, 'Stu, you didn't think they were going to keep me quiet forever, did you!'"

Soon, the friends' reunion drew to a close. The Shapiros' children presented Clinton with gifts — a sculpture made of paper mache and socks called "Socks the Cat" by local artist Carol Terrizzi for Chelsea, a Cornell cat collar for Socks, and copies of books written by both Shapiros.

The college roommates saw each other again at Barton, where seats had been reserved for the Shapiros in the front row. Clinton winked at Shapiro as President Frank H.T. Rhodes mentioned the two women's college connection.

"The threads of our friendship that were woven years ago in the 1960s allowed us to pick up again where we left off, with no awkwardness or stiltedness. We continued to weave those threads while Hillary was here, and knowing Hillary and the kind of friend she was and is, I'm sure we will continue to weave them in the future, perhaps when we visit the Clintons in Washington," Shapiro said.

So what did the Shapiros do after meeting with the First Lady of the United States? "We went out for Chinese food!" she said.



Chris Hildreth/University Photography

Professor Connie Shapiro (left) and her children, Adrienne, 13, and Daniel, 10, present Hillary Rodham Clinton with a gift for her daughter, Chelsea: a sculpture made of paper mache and socks called "Socks the Cat" by local artist Carol Terrizzi.

Three days of anticipation, three hours



Peter Morenus/University Photography

Last Thursday, students formed a line down Libe Slope as they waited to obtain tickets at Willard Straight Hall for Hillary Rodham Clinton's speech on health care reform in Barton Hall.



Peter Morenus/University Photography

Students selected to get an autograph from Hillary Rodham Clinton nervously glance through the president's health care plan before the First Lady's arrival at the Campus Store on Friday.

Professors react to talk

By Roger Segelken and Susan Lang

Two professors asked by the *Chronicle* to share their thoughts about Hillary Rodham Clinton's speech on health care reform offered these reactions:

• Rodney R. Dietert, professor of immunogenetics and director of the Institute for Comparative and Environmental Toxicology, praised the administration's intent to improve preventive health care. But he questioned Clinton's promise of increased funding for biomedical research.

"To make such a statement without identifying the source of these funds makes [increased biomedical funding] a rather hollow promise," he said.

Dietert said he also worried about the administration's attempts at cost-containment, noting that price of pharmaceuticals already reflects regulatory activities of federal agencies.

"This aspect of the health plan is a clear threat to the timely development of a cure for AIDS and future, major disease threats to our society," he said.

Excessive paperwork for care providers is a serious problem, Dietert said, in agreement with Clinton. "What she failed to point out is that the government and its activities are largely responsible for this inefficiency," Dietert said. He suspects that development of a universal insurance form "is a carrot to make increased bureaucracy more palatable."

• John Kuder, associate professor of health economics and finance in the Sloan Graduate Program, College of Human Ecology, said: "I was glad she mentioned changing physician payments from a fee-for-service to what we call capitation — paying physicians per person per year for care, regardless of services. That provides an incentive for physicians to keep patients well rather than do procedures or tests on them and is proving effective in HMOs on the West Coast."

"And although I was glad she emphasized universal coverage, I disagree with her financing it through the employer-based system, which we've seen as being very troublesome. I'd prefer a single-payer plan as in Canada."

Visit thrills students

By Ericka Taylor

Many Cornell students were enthusiastic about First Lady Hillary Rodham Clinton's visit to Cornell — many waited in line for almost two hours to be assured of gaining admittance to the Barton Hall lecture. The line at Willard Straight Hall, just one of four on-campus ticket locations, stretched from the side of the building to West Avenue. Was the speech worth all the trouble? Those we asked responded with a resounding yes.

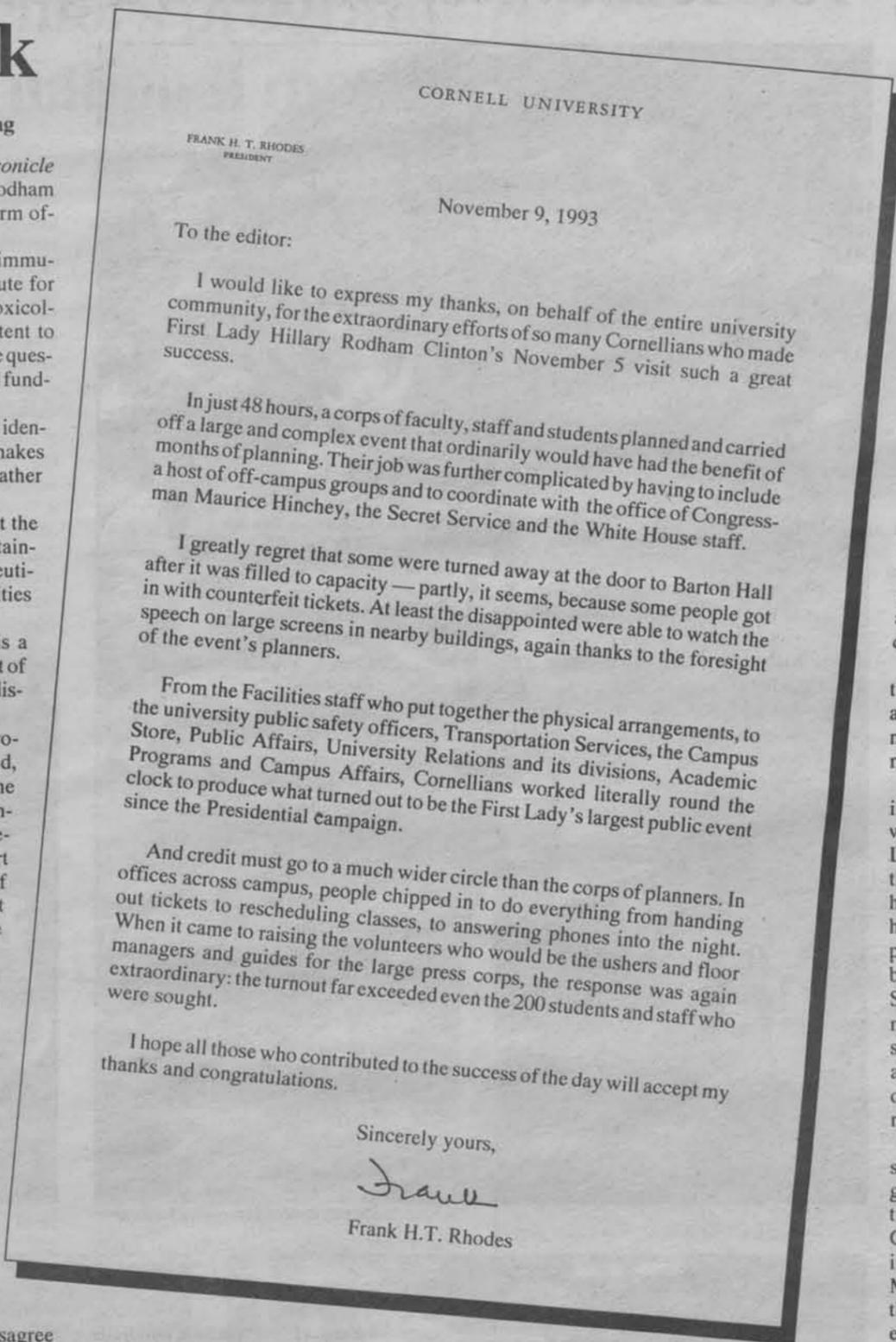
Graduate student Beth Fiori said that Clinton's lecture was not only "clear and easy to follow" but also quite touching. Fiori said that she was able to leave Barton Hall energized about the health plan. The German studies student said she believes that if everyone else left feeling as encouraged as she did, the bill will easily overcome its opposition.

Cornell alumna Ann Traitor '88 also said that the First Lady presented "a fabulous, and very moving" argument, and that she is now "all for the plan and would like to be more well-informed" about it.

Several students said that they had gone into the lecture with only vague ideas of what the health plan entailed. Junior Rob Lowell said that he didn't know much about the plan before last Thursday's lecture, and he added that he is determined to wait until he has more information about the president's health plan and other options before committing himself to a decision. Sophomore Rebecca Zufall was also unfamiliar with the details of the plan but said she was impressed with the presentation and agrees with Clinton that the country "obviously needs something" other than the current system.

Others already familiar with the plan said that they left with the appreciation of a good speech but with little more information than they already had. The points that Clinton mentioned were the ones reported in newspapers, said graduate student Toshi Matsuo, who added that he's "definitely for the plan, but wanted more specifics about it, especially information on exactly where the money will come from."

The health plan aside, the lecture was a rare opportunity. As freshman Lance Vikaros put it, "Hey, how often do you get to be in the same room with the First Lady?"



f commotion: Hillary Clinton at Cornell



On arriving at Barton Hall, Hillary Rodham Clinton was introduced to campus and community leaders by President Frank H.T. Rhodes. Here, she greets Dean of Students John Ford.



Up to 50 news organizations covered the First Lady's address in Barton Hall. Her talk also was carried live by local radio and television stations. Some 6,000 people attended the talk; hundreds of others were turned away.

Homecoming '93: Academics, athletics, a good time!

Democracy in E. Europe is problematic, Bunce says

By Nancy Rosen

Valerie J. Bunce, professor of government and director of the Slavic and Eastern European Studies Program, delivered a Cornell Homecoming Symposium on "A Transition to Democracy in Eastern Europe?" at the Alice Statler Auditorium last Saturday morning.

Bunce said that there are severe limits to how democratization can continue in Eastern Europe for several reasons. She argued that the region is set up to discourage democracy; there is no history of democratic government in these countries; democracy itself is a peculiar, difficult form of government; and there are costs associated with the transition.

As unlikely as it is for democracy to flourish in Eastern Europe, communism did lead to 8,000 people marching for liberty in Prague in 1989, and it produced citizens with a deep concern for political equality, Bunce said.



Bunce

What progress has been made so far? Representative governments have been established in virtually every country, there is substantial public support for democratization by individuals as well as institutions, political parties are being established, there have been free and fair elections in all countries, and more importantly, Bunce said, these election outcomes have been accepted by the losers.

Still, the picture isn't all that rosy for Eastern Europe. Only two countries have a democratic history — and that's because Czechoslovakia split in two, Bunce said. State socialism only partially collapsed, and

'We're not dealing with a process of transition, that's the wrong word. This is a revolution in economics, politics, society, culture and foreign affairs.'

it has left a legacy of negative feelings toward government and an economic and social system that is in ruins.

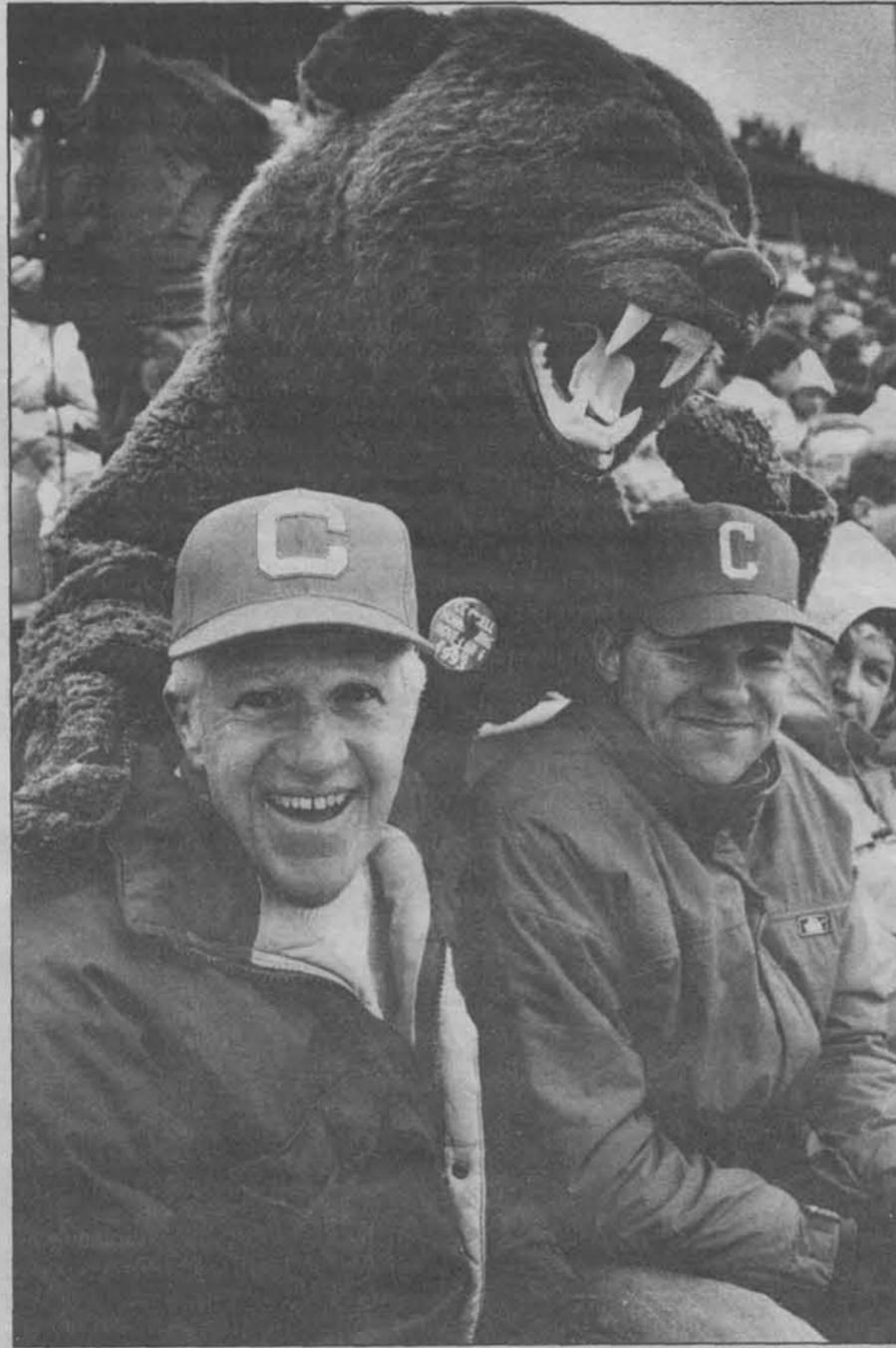
"It's easy to forget how difficult democracy is because we live in one. Democracy requires, among other things, representative government, rule of law, political parties and extensive civil liberties," she said.

There has been a sequence to developing the trappings of democracy and capitalism over a period of time in all countries where there are established democratic governments. Bunce said that Eastern Europe must now do everything simultaneously — something that has never been done before in the history of the world.

"It's one thing to build capitalism in over 200 years. It's quite another to build it in five years," Bunce explained.

Bunce said the current liberalized governments in Eastern Europe will take considerable time before they resemble Western democracy. Moreover, since there is no historical precedent to rely upon, she believes that there is no sure prediction for how things are going to go.

"We're not dealing with a process of transition, that's the wrong word. This is a revolution in economics, politics, society, culture and foreign affairs," she said.



Sharron Bennett/University Photography



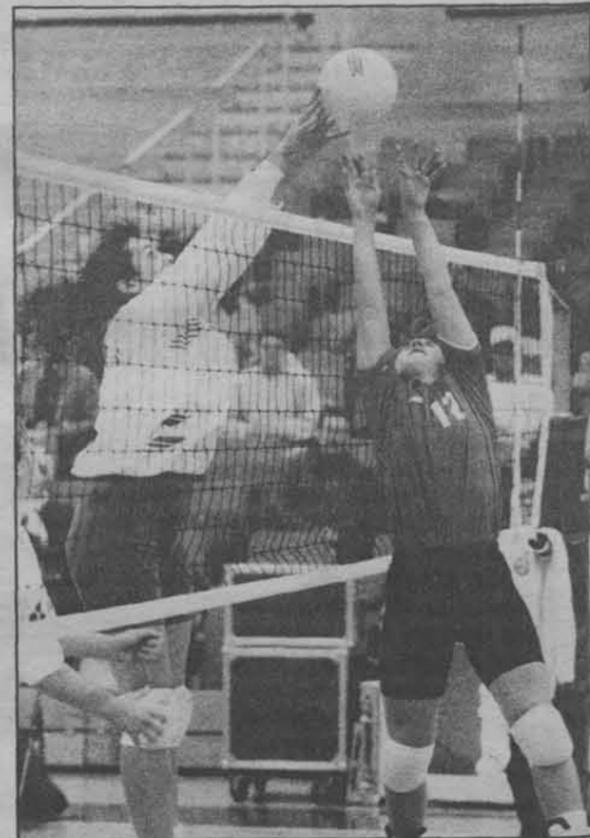
Sharron Bennett/University Photography



Charles Harrington/University Photography



Sharron Bennett/University Photography



Sharron Bennett/University Photography

The Big Red Bear (top) joined alumni Bill Hartford '51 (left) and his son, Bob Hartford '81, in the Crescent during Cornell's game against Yale on Saturday. Linebacker Chris Zingo (above left) pulls down a Yale ball carrier during the Big Red's 21-0 victory. After the game (left), Zingo posed with his father, Garry. Elsewhere on campus, the Rev. John Maltby '56 (top right) and senior Eric Smith rehearsed for the Big Red and Alumni Band concert that was held after the game, while players from Cornell, Colgate and Hofstra competed at Alberding Field House in the Cornell Volleyball Invitational (above).

Youth & seniors program becomes a national model

By Susan Lang

A Cornell program that has young people and senior citizens interacting in ongoing activities has proven remarkably successful and satisfying for all involved.

A detailed handbook that spells out exactly how group leaders can adopt the model program is now available nationally. Geared for children ages 9 through 13, but easily adaptable for other ages, Project EASE — Exploring Aging through Shared Experiences — is ideal for groups such as scouts, 4-H clubs, religious youth groups, after-school programs and other organizations, according to Karl Pillemer, director of the program. It can also be used in the classroom.

“Popular wisdom says it’s good for children to be involved with seniors, but models have been lacking for developing successful programs,” said Pillemer, a Cornell sociologist and gerontologist. An associate professor of human development and family studies, Pillemer also is co-director of the Cornell Center for Research on Applied Gerontology (CCRAG), a program of the Life Course Institute.

In designing Project EASE, Cornell researchers used the most current research on the effectiveness of intergenerational programs to develop activities and projects that youths and senior citizens can share for mutually satisfying, meaningful and goal-oriented interaction.

Three years in development, Project EASE has been field-tested and evaluated by more than 70 4-H clubs in New York, involving about 600 participants.

Frequently, young people have little or no preparation or understanding of the aging process before they interact with seniors, usually participating in one-shot activities, such as visiting a nursing home during holiday time.

“Often, children feel alienated, frightened or negative about what it is like to be old, while seniors become discouraged when viewed negatively or stereotyped as dependent,” Pillemer said.

Project EASE is unique because it promotes meaningful interaction by providing detailed guidelines on how to:

- Promote awareness and understanding among youths of aging before the projects begin.
- Hold a planning session that involves youth and elders as equal partners.
- Foster ongoing personal contact for longer-term commitments that allow real relationships to develop.
- Develop equal partnerships between children and elders.
- Implement a process of planning a structured program, complete with activity ideas.

These guidelines may be applied to three kinds of projects: Joint community service projects, in which children and elders work together on an activity that the community will value; shared group activity projects that both groups enjoy but are not community service; and one-on-one programs, in which each youth is paired with a senior in activities such as arts and crafts, sharing oral histories, grooming pets, and so on.

The Leader’s Guide to Project EASE, which includes warm-up activities, games, sensitivity trainings, information for senior participants and suggested shared activities, was developed and written by Pillemer; Stephen Goggin, a youth-at-risk specialist for Cornell Cooperative Extension at Cornell; Susan Matson, an extension agent in Ulster county; John Gerecitano, a former undergraduate student now attending the Albert Einstein College of Medicine in New York City; Edith Lassegard, a graduate student in the department of human service studies; and Ruth Raimon-Wilson, a senior extension associate for Cornell Cooperative Extension, now retired.

The guide is available for \$20.75 through the Cornell University Resource Center, 7 Cornell Business and Technology Park, Ithaca, N.Y. 14850.

Project EASE was supported in part with grants from the Charles Stewart Mott Foundation, the Public Welfare Foundation and the College of Human Ecology.



Charles Harrington/University Photography

Art Domantay, an assistant to the artist, helps put the finishing touches on the Arts Quad exhibit by Daniel J. Martinez. The installation, part of the ongoing Hispanic art exhibit, refers to the lives of migrant workers, political refugees and other exiles.

Solving the Riddle on the Hill

The solution to the Morse code riddle being sent from the Herbert F. Johnson Museum of Art between Saturday, Nov. 6, and Friday, Nov. 12, is:

Q: What is that which enters the forest

with its tongue hanging?

A: The axe. Land of the Free.

A new message, the second one, will be transmitted beginning Saturday night, Nov. 13, through Friday, Nov. 19.

The International Morse Alphabet:

A •—	M ——	Numerals:	Punctuation:
B —•••	N —•	1 •—•—•	Full stop •••••
C —•••	O —•—	2 ••—•—	Hyphen —••••—
CH —•—•	P •—••	3 •••—•	Apostrophe •—•—••
D —••	Q —•—•	4 ••••—	Semicolon —••—••
E •	R •—•	5 •••••	Exclamation —•••—•
F ••—•	S •••	6 —••••	
G —•—	T —	7 —•—••	
H ••••	U —•—	8 —•—••	
I ••	V ••••	9 —•—••	
J •—•—	W •—•—	0 —•—•—	
K —•—	X —••—		
L •—••	Y —•—•		
	Z —•••		

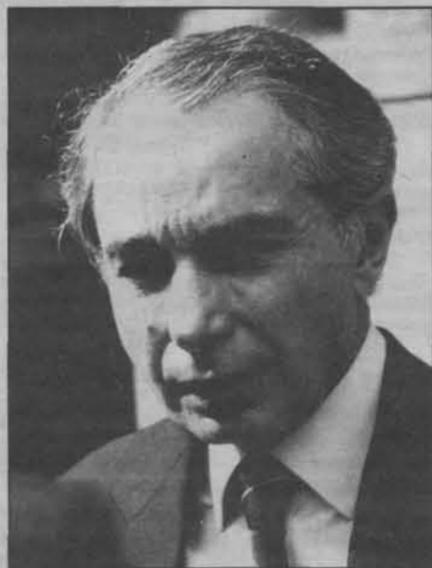
Former Italian premier to visit

Giuliano Amato, a leading member of the Socialist Party in Italy, a member of Parliament and the immediate past prime minister of the country, will speak to the question “Is there a Future for the European Union?” on Monday, Nov. 15, at 4:30 p.m. in Kaufmann Auditorium, Goldwin Smith Hall.

Amato, 55, is an expert on governmental reform in the European community and adaptation of the Italian national government to European community structures. He is a professor of Italian and comparative constitutional law at the University of Rome and the author of nearly a dozen books.

A member of the Italian Socialist Party since 1958, Amato was elected to the Italian Parliament in 1983 and served as prime minister from June 1992 to April 1993.

He served as undersecretary to the presidency of the council of ministers in the



Giuliano Amato

government led by Italy’s first socialist premier, Bettino Craxi. And he is a former vice president of the council of ministers and former minister of the treasury.

Agricultural scientist to visit as White Professor-at-Large

By Ericka Taylor

M.S. Swaminathan, one of the world’s leading agricultural scientists, will make his second visit to campus as an A.D. White Professor-at-Large from Nov. 15 through Dec. 2. He will give a free public lecture titled “Road From Rio: the Next Steps” on Monday, Nov. 22, at 3:30 p.m. in Goldwin Smith Hall’s Kaufmann Auditorium.

Currently serving as president of the International Union for Conservation of Nature and Natural Resources and also as president of the National Academy of Sciences of India, Swaminathan was at the forefront of one of the most remarkable agricultural accomplishments in recent history — moving India from having the largest food deficit in the world to producing enough grain to feed all of its people.

Swaminathan’s contributions in basic and

applied plant genetics include manipulation of genes to improve the yield, quality and stability of wheat, rice and potatoes and the initiation of the dwarf-wheat breeding program. He served as founder-trustee and later chairman of the board of the International Council for Research on Agro-Forestry for five years.

Later, he organized a Society for the Promotion of Wasteland Development as a professional non-governmental organization committed to the ecological restoration of degraded land in different parts of India. He also served as chairman of the Advisory Panel on Food Security, Agriculture, Forestry and Environment to the World Commission on Environment and Development.

For additional information about Swaminathan’s visit, contact Professor Norman Uphoff or Virginia Montopoli at 255-0831.

Hotel School student organizes dinner to benefit AIDS research

By Kristin Costello

Steve Allen Jr., M.D., son of the internationally known comedian and himself a humorist and family physician, will be the guest speaker for “A Taste of Upstate New York,” a dinner to benefit AIDSWORK of Tompkins County, on Nov. 16 at 7 p.m. in the Taylor Room of the Statler Hotel.

Allen is a well-known and popular speaker who successfully uses humor to deal with serious current health issues. He has spoken at numerous medical confer-

ences, including the International AIDS Conference held last year.

His speech, entitled “AIDS in the ’90s: If I Didn’t Laugh, I’d Cry,” will be sure to delight his audience with a participative juggling seminar that always brings a laugh to the evening.

The Taste of Upstate New York theme was chosen by the dinner’s organizer, Roy Wellman, a senior in the School of Hotel Administration. The theme was selected to emphasize the support of local community members and businesses.

Food for the event will be prepared by Wellman himself with the help of volunteers from the School of Hotel Administration and the Statler Hotel. The six-course menu features many local foods and wines and will include Pumpkin Soup with Creme Fraiche, Sorbet of Ravat Grape Juice with Honey and Thyme, Braised Lamb Shanks, Green Salad with Roasted Goat Cheese, and a Tarte Tatin with Creme Anglaise.

All of the proceeds from the dinner will go directly to AIDSWORK of Tompkins County, a community outreach organiza-

tion that provides HIV-infected persons and their friends and relatives with counseling, legal referrals and one-on-one support.

The event is being organized through an independent study project on Special Event Planning and Promotion by Wellman. He has been working on the project for the past two months under the direction of Barbara Lang, an instructor in the Food and Beverage Center of the Hotel School.

Tickets for the event are \$50 and will be sold in advance by calling Wellman at 256-5429. Cash or check will be accepted.

CALENDAR

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East Asia Program

"Why Practice Buddhism... Especially Now?" Chang Sheng-yen, Institute of Chung-Hwa Buddhist Center, (in Chinese with translation), Nov. 15, 4 p.m., Anabel Taylor Hall.

Environment

"Environmentalism: Bad Science, Bad Philosophy," Richard Sanford, founder of the Society for Objective Science, Nov. 17, 8 p.m., Hollis Cornell Auditorium, Goldwin Smith Hall.

European Studies

"Is There a Future for the European Union?" Giuliano Amato, Aspen Institute Italia, Nov. 15, 4:30 p.m., Kaufmann Auditorium, Goldwin Smith.

Hotel Administration

"Supportive Housing," Julie Sandorf, Corporation for Supportive Housing, Nov. 11, 11:55 a.m., 465 Statler Hall.

Human Service Studies

"Visual Screening," Howard Howland, neurobiology & behavior, Nov. 18, 4 p.m., 142 MVR Hall.

Landscape Architecture

"The Artificial Landscape: Works-in-Progress," Michael Manfredi, architect with Weiss and Manfredi, Nov. 12, 11:15 a.m., 101 W. Sibley Hall.

Messenger Lectures

The lecture series "A Past Re-visited: The Making of Multicultural America" by Ronald Takaki, University of California at Berkeley, will be held at 4:30 p.m. in Hollis Cornell Auditorium, Goldwin Smith Hall. Nov. 15: "The Inclining Significance of Race"; Nov. 16: "O Brave New World: Multicultural America at the End of the Century."

Professors at Large

"Poetry in the Violent Day: The Artist and Social Responsibility," panel discussion with Denise Levertov, Nov. 15, 7 p.m., Anabel Taylor Auditorium.

"Poetry and the Spiritual Experience," Denise Levertov, Nov. 17, 4:30 p.m., Founders Room, Anabel Taylor Hall.

"An Afternoon of Poetry With Denise Levertov: Readings From Her Own Work," Nov. 18, 4 p.m., Alumni Auditorium, Kennedy Hall.

Romance Studies

"La Narrativa Europea y la Construcción Colonial de la Realidad Americana," Darío Villanueva, Univ. de Santiago de Compostela, Nov. 12, 4:30 p.m., 277 Goldwin Smith Hall.

MUSIC

Music Department

The Cornell Chorale, under the direction of Thomas Sokol, will perform *La Petite Messe Solennelle* by Rossini on Nov. 11 at 8:15 p.m. in Sage Chapel. The composer's last work, performed in its original instrumental scoring for organ (played by William Cowdery) and piano (performed by John Rogers), employs a full complement of choral and solo forces. Vocal soloists are Renee Sokol, Todd Parker and Keith Earle.

Violinist Stephen Martin and fortepianist Geoffrey Lancaster will give a concert Nov. 12 at 8:15 p.m. in Barnes Hall. Featured compositions are by Franz Benda, C.P.E. Bach, Mozart and Beethoven.

On Nov. 13 at 8:15 p.m. in Barnes Hall, John Hsu will conduct the Cornell Chamber Orchestra with cellist Stephanie Vial to perform music by Haydn. Vial has spent a year at the Royal College of Music in London in addition to performances with the New World Symphony, the Dubuque Symphony, the Civic Orchestra of Chicago and festivals in Los Angeles, Austria, Spoleto and Aspen. Featured compositions are *Symphony No. 58* in F Major; *Concerto in C Major*, for violoncello and orchestra; and *Symphony No. 44* in E Minor.

On Nov. 14 at 4 p.m. in Barnes, composer Lawrence Bitensky will present his D.M.A. recital. The concert starts with the composer performing his IC-premiered "Cascadilla" for solo piano. Other featured compositions are "Sextet" for flute, clarinet, strings and piano; "One for Two" (pianos); "Epiphany" for flute and piano; as well as "Dr. Knickerbocker and Other Stories: Four Madrigals for Vocal Quartet and Percussion."

"More New Music" will be performed Nov. 15 at 8:15 p.m. in Barnes Hall. On the program are Mellits' "Trio"; Matheson's "In the Dark Awake of Mourning"; Rogers' "The Evidence"; Bitensky's "Dr. Knickerbocker"; and Lamb's "Four Pieces for Violin and Piano."

At a piano recital on Nov. 16 at 8:15 p.m. in Barnes, students of Jonathan Shames will perform several of Beethoven's sonatas, e.g., "Appassionata" and the "Moonlight Sonata"; as well as Schumann's "Carneval" and "Allegro, opus 8."

Bound for Glory

Nov. 14: Anne Hills with Allen Power will perform in three live sets in the Commons Coffeehouse in Anabel Taylor Hall. Sets are at 8:30, 9:30 and 10:30 p.m. Admission is free, and children are welcome. Bound for Glory can be heard Sundays from 8 to 11 p.m. on WVBR-FM, 93.5.

readings

Creative Writing Program

Noted Hispanic author Elena Castedo will read from her work Nov. 11 at 4:30 p.m. in the A.D. White House. Her first novel, *Paradise (El Paraíso)*, written in English and Spanish, was nominated for the 1990 National Book Award and for Spain's Cervantes Prize. Castedo is a member of PEN International and serves on the board of directors of the PEN/Faulkner Foundation.

religion

Sage Chapel

Alan Merten, dean of the Johnson Graduate School of Management, will give the sermon Nov. 14 at 11 a.m. Music by the Sage Chapel choir, under the direction of Thomas Sokol, and William Cowdery, Sage Chapel organist. 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

Tuesdays, 8:15 a.m. prayers, Loft 3, Willard Straight Hall. Fridays, 7 p.m., speakers and open discussion, meet at the Balch Archway. Sunday morning dawn prayers. For details, call 253-2401. On Nov. 12 at 7 p.m. in 165 McGraw Hall, the Cornell Baha'i Club is sponsoring a celebration in commemoration of the birth of Baha'u'llah, the prophet-founder of the Baha'i Faith. All are welcome to attend.

Catholic

Weekend Masses: Saturday, 5 p.m.; Sunday, 9:30, 11 a.m. and 5 p.m., Anabel Taylor Auditorium. Daily Masses 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, 9:45 a.m., adult discussion; 11 a.m., meeting for worship, Edwards Room, Anabel Taylor Hall.

Jewish

Morning Minyan at Young Israel, 106 West Ave., call 272-5810.

Reform: Fridays 6 p.m., chapel, Anabel Taylor Hall; Conservative/Egalitarian: Fridays, 6 p.m., Founders Room, and Saturdays 9:30 a.m., Founders Room, Anabel Taylor Hall; Orthodox: Friday, call 272-5810 for time, and Saturday, 9:15 a.m., Edwards Room, Anabel Taylor Hall.

Korean Church

Sundays, 1 p.m., chapel, Anabel Taylor Hall.

Muslim

Friday prayers, Founders Room at 1 p.m.; Edwards Room at 1:25 p.m. Daily prayer, 1 p.m., 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

Thursdays, 5 p.m., chapel, Anabel Taylor Hall.

seminars

Agricultural & Biological Engineering

"Beyond the Simple Stuff: Raising Questions of Scale, Economics, Social Impacts and Cultural Contributions in the Development of a Sustainable

Storyteller Peninnah Schram to visit campus this weekend

Storyteller Peninnah Schram, who has been called the "doyenne of today's Jewish storytellers," will visit Ithaca and Cornell on the weekend of Nov. 12-14.

Schram will tell stories for people of all ages on Friday, Nov. 12, in the One World Room of Anabel Taylor Hall on the Cornell campus, and on Saturday, Nov. 13, in the Women's Community Building in downtown Ithaca.

Her performance on Friday night, "Humor & Hokhma with a Detour Through Helm," will be preceded by a Shabbat Service jointly arranged by the Reform Jewish Students at Cornell and the Ithaca Reform Temple. Services will begin at 5:30 p.m., and Schram's performance, which is open to the entire Cornell community, will begin at 7:30 p.m.

Schram's Saturday night performance of stories from around the world will begin at 8:15 p.m. in the Women's Community Building at 100 W. Seneca St. A donation of \$3 is suggested.

An author and recording artist as well as a storyteller, Schram is an associate profes-

sor of speech and drama at Stern College of Yeshiva University. The stories she tells are legends, parables and folktales from a variety of sources — Biblical, Talmudic, Midrashic, Hasidic, Yiddish, Sephardic and Israeli.

The storytelling professor travels across the country giving workshops and performances, and she has produced radio plays for adults and children. She also is the founding director of the Jewish Storytelling Center and coordinator of the Jewish Storytelling Network.

Schram will be available to autograph copies of her books, *Eight Tales for Eight Nights: Stories for Chanukah*, *Tales of Elijah the Prophet* and *Jewish Stories One Generation Tells Another*.

Her visit to Ithaca is being funded in part by the Ithaca Reform Temple, Temple Beth El, Cornell's Council for the Arts and the Cornell University Student Affairs Finance Committee.

For more information, call Bryna Fire-side at 275-0209 or Larry Edwards at Cornell Hillel, 255-4227.

Agriculture, Mike Kane, crop and livestock farmer, Port Crane, N.Y., Nov. 17, 4 p.m., 400 Riley-Robb.

Agricultural Economics

"Water-Control Institutions and Agricultural Change in Tamil Nadu, India: Implications for Equity and Productivity," Shobha Shetty, Ph.D. candidate, Nov. 11, 9:30 a.m., 401 Warren Hall.

Anthropology

TBA, Arjun Guneratnem, visiting assistant professor, Nov. 12, 3:30 p.m., 215 McGraw.

Applied Mathematics

"The Quantum Polygon Problem," Richard Liboff, electrical engineering, Nov. 12, 2:30 p.m., 456 Theory Center.

"Complexity Analysis of a Cutting Plane Algorithm for Convex Programming," Yingyu Ye, University of Iowa, Nov. 12, 4 p.m., 456 Theory Center.

"Complex Techniques in Real Dynamics," John Smillie, math, Nov. 16, 12:20 p.m., 708 Theory Center.

Astronomy

"Binary Populations," David Latham, Center for Astrophysics, Nov. 11, 4:30 p.m., 105 Space Sciences.

"Is Our Universe Open?" David Spergel, Princeton University, Nov. 18, 4:30 p.m., 105 Space Sciences.

Biochemistry

"The Human Genome," Sydney Brenner, University of Cambridge, Nov. 12, 4 p.m., large seminar room, Biotechnology Building.

Biophysics

"Protein Folding, Evolution and Design: Statistical-Mechanical Perspective," Eugene Shakhnovich, Harvard University, Nov. 17, 4:30 p.m., 700 Clark.

Boyce Thompson Institute

"Plant Cell Wall Architecture," Joseph Varner, Washington University, Nov. 17, 3 p.m., Boyce Thompson Auditorium.

Chemical Engineering

"The Porcine Mammary Gland as a Bioreactor for Complex Proteins," William Velandar, Virginia Polytechnic Institute, Nov. 16, 3:45 p.m., 165 Olin Hall.

Chemistry

"Spectroscopic Blackholes," Robert Field, MIT, Nov. 11, 4:40 p.m., 119 Baker.

"Chemical Games With Molecular Footballs, Darts and Paddlewheels," John Verkade, Iowa State University, Nov. 15, 4:40 p.m., 119 Baker.

STN Users Meeting with Patricia O'Neill, physical sciences library, Nov. 17, 5:30 p.m., Clark Library.

"Design of Femtosecond Pulse Sequences to Control Photochemical and Photophysical Pathways," Dave Tannor, University of Notre Dame, Nov. 18, 4:40 p.m., 119 Baker.

Cognitive Studies

"Recent Work on Consciousness: Philosophical, Theoretical and Empirical," Paul Churchland, University of California at San Diego, Nov. 18, 8 p.m., 124 Goldwin Smith Hall.

Ecology & Systematics

"Long-Distance Dispersal and the Population Dynamics of a Goldenrod Leaf Beetle," Ann Herzig, ecology & systematics, Nov. 17, 4 p.m., A106 Corson Hall.

"The Evolution and Genetic Structure of Island Populations: The Essence of Speciation and Extinction," Kenneth Kaneshiro, University of Hawaii at Manoa, Nov. 18, 4 p.m., A106 Corson Hall.

Environment

"Problems and Prospects with Conservation Easements," Andy Zepp, the Nature Conservancy, and Tom Nally, CCE of Monroe County, Nov. 16, 12:20 p.m., 304 Fernow Hall.

Epidemiology Forum

"A Comprehensive Framework for the Design and Analysis of Longitudinal Studies," Ed Frongillo, nutritional sciences, Nov. 11, 12:20 p.m., MVR Faculty Commons.

Fruit & Vegetable Science

"Damage-action Thresholds for Weed Management in Apple Orchards," Ian Merwin, fruit & vegetable science, Nov. 11, 4 p.m., 404 Plant Science.

"Overview of a Vegetable Improvement Program," Molly Kyle, fruit & vegetable science, Nov. 18, 4 p.m., 404 Plant Science.

Genetics & Development

"Transformation in *Tetrahymena Thermophila*," Donna Cassidy-Hanley, genetics & development, Nov. 17, 12:20 p.m., small seminar room, Biotechnology Building.

Geological Sciences

"Mantle Anisotropy and Cratonic Structure," Paul Silver, Carnegie Institution, Nov. 16, 4:30 p.m., 1120 Snee Hall.

"The Passive Margin at the Northern Terminus of the Andes," Johan Erickson, Nov. 18, 4:30 p.m., 1120 Snee Hall.

Hazardous Waste Toxicology

"Mechanisms of Polychlorinated Biphenyl (PCB) Immunotoxicity: Studies Using an Allogeneic Tumor Model," Nancy Isaacson Kerkvliet, Oregon State University, Nov. 17, 12:20 p.m., 307 Fernow Hall.

Hotel Administration

"Managerial Salary Increase Decisions: Effects of Performance and Dependence Issues," Mark Fulford, Nov. 15, 4 p.m., 453 Statler Hall.

International Nutrition

"Anthropometric Assessment of Nutritional Status: Uses and Interpretation in Mothers and Infants," Cutberto Garza, nutritional sciences, and Jere Haas, international nutrition, Nov. 15, 4 p.m., 100 Savage Hall.

"The Effect of Food Subsidies on Labor Supply in Sri Lanka," David Sahn, food & nutrition policy program, Nov. 16, 4 p.m., 200 Savage.

"How to Link Complex Nutritional Models to Social Science Research Data: Lessons of International Nutrition Graduates," Davydd Greenwood, Center for International Studies, Nov. 18, 12:20 p.m., 200 Savage.

Latin American Studies

"Latin America on the Internet," David Block, Latin American librarian, Nov. 16, 12:15 p.m., 104 Carpenter Hall.

Materials Science & Engineering

"Nanostructured Materials," Richard Siegel, Argonne National Labs, Nov. 11, 4:30 p.m., 140 Bard.

"Controlling Toughness in Brittle Composites," Ali Argon, MIT, Nov. 17, 4:30 p.m., 205 Thurston Hall.

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CALENDAR

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Mechanical & Aerospace Engineering

"Three Steps to Quality," Art Tenner, Exxon Research and Engineering Co., Nov. 11, 4:30 p.m., 155 Olin Hall.

Microbiology

"Cell-Density Sensing in *Agrobacterium tumefaciens*: Activation of Ti Plasmid Conjugal Transfer by a Quorum of Conjugal Donors in Response to a Plant Tumor Metabolite," Clay Fuqua, microbiology, Nov. 11, 4 p.m., large conference room, Biotechnology Building.

Neurobiology & Behavior

"Mating Strategies in Horseshoe Crabs," Jane Brockman, University of Florida, Nov. 11, 12:30 p.m., A106 Corson Hall.

"Regulation of Transmitter Release: Channels, Calcium, Confocal Images and Oscillations," Rami Rahamimoff, Hebrew University, Nov. 17, 12:30 p.m., A106 Corson Hall.

"Analytic and Synthetic Listening by the Goldfish," Dick Fay, Loyola University, Nov. 18, 12:30 p.m., A106 Corson Hall.

Ornithology

"How Does a Bird Sing?" Tim DeVoogd, psychology, Nov. 15, 7:45 p.m., Fuertes Room, Lab of Ornithology, 159 Sapsucker Woods Road.

Peace Studies

"Wars, Wimps and Women," Carol Cohn, Bowdoin College, Nov. 11, 12:15 p.m., G-08 Uris Hall.

Pharmacology

"The RAS Superfamily of GTPases: Molecular Switches With Diverse Functions," Ian Macara, University of Vermont, Nov. 15, 4:30 p.m., G-3 Veterinary Research Tower.

Physiology & Anatomy

"Body Size, Gestational Length and Parturition," Geoffrey Thorburn, Monash University, Australia, Nov. 16, 4 p.m., G-3 Veterinary Research Tower.

Plant Biology

"Cytoskeletal Dynamics in Living Plant Cells," Peter Hepler, University of Massachusetts, Nov. 12, 11:15 a.m., 404 Plant Sciences.

Plant Breeding & Biometry

"Characterization of Highly Variable Regions of the Tomato Genome," Pierre Broun, Ph.D. student, Nov. 16, 12:20 p.m., 135 Emerson Hall.

Plant Pathology

"Pesticide Fate in Soil," Jeff Wagenet, soil, crop & atmospheric sciences, Nov. 17, 12:20 p.m., 404 Plant Sciences.

Psychology

"Social Science as Cultural Ideology: Gender Polarization in the History of Psychology and Psychiatry," Sandy Bem, psychology, Nov. 12, 3:30 p.m., 202 Uris Hall.

Rural Sociology

"The Divided City: Housing and Labor Markets in New York," John Logan, SUNY Albany, Nov. 12, 3:30 p.m., 32 Warren Hall.

"Aboriginal Rights Legislation in Australia - An Update," Ron Witton, Wollongong University, Nov. 15, 12:15 p.m., 32 Warren Hall.

Science & Technology Studies

"Science, Citizenship and Modernity: Living With Environmental Threat," Alan Irwin, Brunel University, Nov. 17, 4:30 p.m., 609 Clark Hall.

Women's Studies

"Do Women Have Something to Fear? Nationalism in Eastern Europe," Julie Mostov, Drexel University, Nov. 15, 4:30 p.m., 215 Ives Hall.

SYMPOSIUMS

Industrial & Labor Relations

An "International Symposium on Work and the Environment" will be held Nov. 16-19. It is sponsored by the Work & Environment Initiative, the ILR School and the Cornell Center for the Environment.

Human Ecology

"Children and the Courts," a symposium in honor of John Doris on the occasion of his retirement as director of the Family Life Development Center, will be held Nov. 12 from 1 to 4 p.m. in the Marriott Conference Center at the Statler Hotel. Speakers include: Douglas Peters, Utah State University; Lucy McGough, Louisiana State University; and Charles Ewing, SUNY Buffalo.

Latin American Studies

"Latin America IN FOCUS," the first annual

Conference on Business Opportunities and Risks in Latin America, will be held Nov. 12 from 2:30 to 6 p.m. in Bache Auditorium, Malott Hall. Speakers include: Angelo Calmon, Banco Economico; Miguel Rodriguez, foreign minister of planning of Venezuela; Carl Steinbaum, Arthur D. Little; and Douglas Taylor, Citibank.

theater

Department of Theatre Arts

This year's first installment of the Black Box Series will begin Nov. 12 at 4:30 p.m. in the Black Box Theatre at Cornell's Center for Theatre Arts. The series offers students, faculty and resident theater professionals the opportunity to produce and direct plays of their own selection.

Michael Dahan '94 will direct an all-student production of Kobo Abe's "The Man Who Turned Into a Stick (Death)."

Also, Jenny Schwartz '95 will make her directorial debut with "Savage/Love" by Sam Shepard and Joseph Chaikin.

The performances of the two plays will take place Nov. 12 at 4:30 p.m. and Nov. 13 and 14 at 7 p.m. Tickets are \$2 and are available at the ticket center at the Center for Theatre Arts, 430 College Ave. For more information, call 254-ARTS between 12:30 and 5:30 p.m., Monday through Friday.

Theatre Arts will present "The Strange Case of Dr. Jekyll and Mr. Hyde," by David Edgar, on Nov. 18, 19 and 20, Dec. 2, 3 and 4 at 8 p.m., and Nov. 21 at 2 p.m. in the Proscenium Theatre. Tickets are \$6 and \$8.

Edgar's adaptation of this science fiction classic is both a theatrical feast and an intellectual challenge. The play reveals the story of Jekyll and Hyde as a piece of moral hide-and-seek: a thriller which holds you on the edge of your seat and makes you think. This treatment by Edgar was first performed in 1991 by the Royal Shakespeare Company.

Risley Theatre

"The Odd Couple" (female version) will be performed Nov. 11 through 14 and Nov. 18 through 20 at Risley Theatre. Directing the performance are Yves Etheart and Mikki Knudsen. For information, please call Andy Chworowsky at 253-2853.

miscellany

Arab Club

"Seeds of Peace: A Middle Eastern Festival," a cultural extravaganza and dinner featuring performances by Israeli and Arab dance groups, will take place Nov. 11 at 7 p.m. in the One World Room of Anabel Taylor Hall. Tickets are \$7 from group members or call Lisa at 277-6095.

Book Signings

Dr. Peter Nathanielsz will be appearing at the Campus Store on Nov. 12 from 3:30 to 5 p.m. to sign copies of his book, entitled *Life Before Birth and a Time to Be Born*.

On Nov. 16 from noon to 2 p.m., Meg Splendor will be signing copies of her new book and audio tape, *Dream Catcher: A Starlight Journey With Meg Splendor*. The book and accompanying tape are for children at their bed times and can help children avoid sleep disturbances and nightmares, Splendor says.

Christian Science Monitor Files

The *Christian Science Monitor* Resource Files will be in Mann Library Nov. 11 from 10 a.m. to 4 p.m. with free, up-to-the-minute newspaper articles on more than 150 topics to assist in research and study. Also, free current copies of the *Monitor* will be available.

Hotel School

Cafe Pacifico, run by the graduate students at the Hotel School, is in operation at Banfi's Restaurant on Friday nights from 6 to 9 p.m. Dress is casual. Parking is free in the hotel parking lot or the Cornell garage. Reservations are recommended. All major credit cards and Cornellcard are accepted. Call 257-2500.

The themes Nov. 11, 15, 16, 17 and 18 for Terrace Cafe and Bistro are: The Broadcast Studio Cafe, Old Chicago, TCAB's 50s Rock-n-Roll Cafe, The Lemon Grass Grill and Journey to the Jungle, respectively.

Writing Workshop

Writing workshop walk-in service, free tutorial instruction in writing available all semester:

• 178 Rockefeller Hall: Sunday, 2 to 8 p.m.; Monday through Thursday, 3:30 to 5:30 p.m. and 7 to 10 p.m.

• Robert Purcell Community Center Board Room: Sunday through Thursday, 8 to 11 p.m.

• 112 Noyes Center: Sunday through Thursday, 8 to 11 p.m.

Next concert in Bailey Series will include Tokyo Quartet

Clarinetist Richard Stoltzman, the Tokyo String Quartet and pianist Irma Vallecillo will share the stage for the next concert of the 1993-94 Bailey Hall Series on Sunday, Nov. 21, at 8:15 p.m.

The program will include the Sonata for Clarinet and Piano, Op. 120, No. 2 and the Quintet for Clarinet and Strings, Op. 115 by Johannes Brahms and the Quintet for Clarinet and Strings, Op. 34 by Carl Maria von Weber.

Stoltzman established his international reputation as a superstar by his clarinet performances with the world's leading orchestras, by guest appearances with chamber ensembles, as a solo recitalist and as recording artist on the RCA Red Seal label. He also collaborates with many of the great jazz musicians of our time on stage and on his successful crossover albums.

He presented the first solo clarinet recitals in the histories of both Carnegie Hall and the Hollywood Bowl, and he is often credited with reshaping the public's perception of his instrument as Jean Pierre Rampal and James Galway have done with the flute.

In the last 15 years he has performed close to 100 new works written especially for him, among them "New York Counterpoint" by Steve Reich and Toru Takemitsu's *Clarinet Concerto*.

The Tokyo String Quartet was formed in 1969 at the Juilliard School of Music and soon afterward won first prize in three important competitions which assured the ensemble immediate worldwide recognition.

The quartet will give three recitals this



Richard Stoltzman

season in New York City's Alice Tully Hall as part of Lincoln Center's "Great Performers" Series, and the ensemble will embark on a European tour that includes concerts at La Scala in Milan, the Konzerthaus in Vienna and the Concertgebouw in Amsterdam.

Pianist Irma Vallecillo has collaborated with Stoltzman in concert for more than 15 years and will join him for the performance of the Brahms Sonata for Clarinet and Piano.

Tickets for the concert are \$14 to \$23 for students and \$17 to \$27 for the general public and are on sale at the Lincoln Hall ticket office. The office is open Monday through Friday between 9 a.m. and 1 p.m.

Christopher Reeve to visit campus

Stage, screen and television actor Christopher Reeve will be back in town on Friday, Nov. 12, to address members of the Community Arts Partnership of Tompkins County and visit his alma mater, Cornell.

It has been about 10 years since the well-known actor visited Ithaca. In that time, Cornell has built a new Center for Theatre Arts on College Avenue, giving the Theatre Arts Department more visibility on campus.

During his daylong visit to Ithaca and Cornell, Reeve will give the keynote address at an arts luncheon honoring Raymond Van Houtte, former president of Tompkins County Trust Co. He will meet with students and faculty of the Theatre Arts Department, and he will introduce a preview of his latest movie, *The Remains of the Day*.

Reeve's new movie is an Ivory-Merchant production featuring Anthony Hopkins, Emma Thomson and Reeve. It will be shown on the Cornell campus as a benefit for Cornell Cinema and the Theatre Arts Department.

One more stop on Reeve's Cornell tour will be the university's Center for the Environment. Reeve, who is a spokesperson for several charities and political organizations, including Save the Children, Amnesty International and People for the American Way, has recorded a videotape for the center.

Reeve arrived at Cornell in 1970 having had stage experience with the McCarter Theatre Company in Princeton and the



Christie Jenkins/Strictly Men

Christopher Reeve

Williamstown (Mass.) Theatre Festival.

He majored in English and theater arts, combining the two in an independent major and was a member of the Class of 1974. Throughout his Cornell years Reeve acted in several plays a year, including *The Good Woman of Szechuan*, *Waiting for Godot* and *A Winter's Tale*. He also experimented with WVBR radio, Sage Chapel choir and the sailing and hockey teams.

Instead of spending his senior year in Ithaca, he attended the Juilliard School in New York City. Shortly afterward, he made his Broadway debut with Katharine Hepburn in *A Matter of Gravity*. Other stage roles followed, alongside William Hurt, Christine Lahti and Vanessa Redgrave, among others.

In 1978, just four years after graduating from Cornell, Reeve got his big break for fame: being cast as Superman.

sports

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

Men's Cross Country (2-1)

Nov. 13, IC4A Champs. at Leesburg, Va.

Women's Cross Country (3-0)

Nov. 13, ECAC Champs. at Leesburg, Va.

Varsity Football (4-4)

Nov. 13, COLUMBIA, 12:30 p.m.

Men's Hockey

Nov. 12, at Dartmouth, 7:30 p.m.
Nov. 13, at Vermont, 7 p.m.

Women's Hockey

Nov. 14, QUEENS, 2 p.m.

Men's Polo

Nov. 13, YALE, 8:15 p.m.
Nov. 17-21, CORNELL POLO CLASSIC

Women's Polo

Nov. 12, YALE, 8 p.m.
Nov. 17-21, CORNELL POLO CLASSIC

Men's Squash

Nov. 13-14, Ivy Scrimmage at Yale

Women's Volleyball (13-9)

Nov. 12-14, Ivy Tournament at Columbia.

CALENDAR

November 11
through
November 18

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.

Our schedule

The *Cornell Chronicle* will not be published Nov. 25. The Nov. 18 calendar will cover the period from Nov. 18 to Dec. 2.

In December, publication dates for the *Chronicle* will be Dec. 2, 9 and 16.

dance

Cornell International Folkdancers

All events are open to the Cornell community and general public. Admission is free, unless stated otherwise. No partner needed. For further information, call 277-3638.

Nov. 14: 6:30 p.m., Balkan Jam; 7:30 p.m., teaching; 8:30 p.m., review and request dancing, North Room, Willard Straight Hall.

exhibits

Johnson Art Museum

The Herbert F. Johnson Museum of Art, on the corner of University and Central avenues, is open Tuesday through Sunday from 10 a.m. to 5 p.m. and Wednesdays to 8 p.m. Admission is free. Telephone: 255-6464.

• Kandinsky's "Small Pleasures," on loan from the Guggenheim Museum and supplemented by Kandinsky works on paper from the museum's permanent collection, on view through March 20.

• "Our Century on Paper," an exhibition of 20th-century drawings from the museum's permanent collection, on view through Dec. 12.

• "Revelaciones/Revelations: Hispanic Art of Evanescence," an exhibition of museum installations, through Dec. 19.

• Cornell Art Department Faculty Exhibition, through Dec. 19.

• "100 Years of People-Watching: Photographs From the Permanent Collection," an exhibition of black-and-white photographs from the museum's permanent collection, through Jan. 6, 1994.

• "Themes in Renaissance Prints," through Jan. 23, 1994.

• Thursday Box Lunch tours: As part of the Box Lunch Tours: Art Through the Ages series, the museum will offer the topic of French Academy vs. the Barbizon School on Nov. 11. This series includes an hourlong talk every other Thursday from noon to 1 p.m. Afterward, lunch can be enjoyed in the sixth floor conference room.

• Art After Five: On Nov. 17 at 6:45 p.m., Professor Jose Piedra, director of the Hispanic American Studies Program, will talk and answer questions about the exhibition *Revelaciones/Revelations*.

• Weekend walk-in tours: Every Saturday and Sunday during the academic year from 1 to 2 p.m., the museum offers a free tour of either a special exhibition or an aspect of the permanent collection. Please check at the museum for topics and speakers.

Hartell Gallery

Multimedia constructions by Erin O'Keefe, through Nov. 20.

Kroch Library

"In Her Own Hand," an exhibition of women's diaries, letters and memoirs, is on view through Dec. 17 at the Carl Kroch Library - Rare and Manuscript Collections, Exhibition Hall, Level 2B.

Tjaden Gallery

• Paintings by Maremi Hooff, through Nov. 13.

• Photographs by Peggy Siegel, Nov. 13-20.

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, 11/11

"Raiders of the Lost Ark" (1981), directed by Steven Spielberg, with Harrison Ford, Karen Allen and Paul Freeman, 7:25 p.m.

"Snow White and the Seven Dwarfs" (1937), directed by David Hand, 10 p.m.

Friday, 11/12

"Snow White and the Seven Dwarfs," 7:15 p.m., Uris.

"Sherman's March" (1985), directed by Ross McElwee, 7:30 p.m.

"The Legend of Fong Sai-Yuk, Part II" (1993), directed by Yuen Kwai, with Jet Li, Li Jia Xing and Josephine Siao, 9:20 p.m., Uris.

"Raiders of the Lost Ark," 10:45 p.m.

Saturday, 11/13

"Bashu, The Little Stranger" (1986), directed by Bahram Beizai, Ithaca Film Festival, 2 p.m., \$2/\$1.50 for kids 12 and under.

"Snow White and the Seven Dwarfs," 6:35 and midnight, Uris.

"Time Indefinite" (1993), with guest film-maker Ross McElwee, 7:15 p.m.

"Indochine" (1992), directed by Regis Wargnier, with Catherine Deneuve, 8:40 p.m., Uris.

"Super Fly" (1972), directed by Gordon Parks Jr., with Ron O'Neal and Carl Lee, 11 p.m.

Sunday, 11/14

"Snow White and the Seven Dwarfs," 4:30 p.m.

"Cat People" (1942), directed by Val Lewton, with Simone Simon, Kent Smith and Tom Conway, presented by Pentangle, 7:30 p.m., Uris, free.

"The Legend of Fong Sai-Yuk, Part II," 8 p.m.

Monday, 11/15

"Breathless" (1961), directed by Jean-Luc Godard, with Jean-Paul Belmondo and Jean Seberg, 7 p.m.

"Super Fly," 9:15 p.m.

Tuesday, 11/16

"Sparrow With Sparrow, Raven With Raven," Southeast Asia Film Series, 4:30 p.m., Kahin Room, 640 Stewart Ave., free.

"Indochine," 6:50 p.m.

"Among Good Christian Peoples" (1991), with guest film-makers Jacqueline Woodson and Catherine Saalfeld, 7 p.m., CTA Film Forum, \$2 (includes admission to "Sacred Lies").

"Sacred Lies, Civil Truths and the Gay Agenda," with guest film-makers Jacqueline Woodson and Catherine Saalfeld, 8:45 p.m., CTA Film Forum, \$2.

"Raiders of the Lost Ark," 10 p.m.

Wednesday, 11/17

"Farrebique" (1946) and "Biquefarre" (1983), directed by George Rouquier, 6:45 p.m.

"Miami-Havana" (1992), directed by Estela Bravo, with special guest speaker Kevin Harris, presented by CUSLAR, 8 p.m., Goldwin Smith D, \$1 donation requested.

"I'm Gonna Git You Sucka" (1988), directed by Keenen Ivory Wayans, with Wayans, Bernie Casey and Jim Brown, 10:40 p.m.

Thursday, 11/18

"Witness" (1985), directed by Peter Weir, with Harrison Ford, Kelly McGillis and Danny Glover, 7:30 p.m.

"The Firm" (1993), directed by Sydney Pollack, with Tom Cruise, Jeanne Tripplehorn and Holly Hunter, 10 p.m.

graduate bulletin

• **Thesis/Dissertation:** The thesis/dissertation submission deadline for a January 1994 degree is Jan. 14, 1994. Students should see the Graduate School thesis adviser (walk-in office hours 8:30 a.m. to noon, 1:30 to 4 p.m. weekdays) for approval of the format of their thesis/dissertation before submitting the final copies to the Graduate School.

• **Foreign Language and Area Studies Fellowships:** Applications for 1994-95 will be available at the end of November in the graduate field offices and the Graduate Fellowship Office. Application deadline is Jan. 28. Award includes 9-month stipend of \$8,000 plus full tuition for 1994-95 academic year; available to citizens or permanent residents of U.S.

• **Javits Fellowship:** Available to doctoral candidates in the fields of arts, humanities or social sciences who are U.S. citizens or permanent residents. Stipend up to \$14,000 plus \$9,000 for tuition; Cornell provides remainder of tuition. Applications will be available in mid- to late-December in the Graduate Fellowship Office; deadline is early February.

• **1994 Summer Support:** Dec. 15 is the deadline for U.S. citizens and permanent residents for filing documents with the Graduate Fellowship Office for 1994 summer awards. They include: 1993-94 Free Application for Federal Student Aid (FAFSA), 1992 Federal Income Tax Form, Financial Aid Transcript from institutions attended previously and Selective Service Compliance form.

lectures

Africana Studies

"African Development Reconsidered," Haskell Ward, former Africa specialist on the policy planning staff of the U.S. State Department during the Carter administration, Nov. 18, noon, Hoyt Fuller Room, 310 Tripphammer Road.

Agricultural Economics

"Current and Future Advances in Mathematical Programming and Modeling," David Jensen, IBM Watson Research Center, Nov. 18, 9 a.m., 401 Warren Hall.

Biochemistry, Molecular & Cell Biology

Ef Racker Lectureship in Biology and Medicine: given by Sydney Brenner, University of Cambridge and Scripps Research Institute: "Human Genome Research," Nov. 11, 8 p.m., Alumni Auditorium, Kennedy Hall; "The Evolution of Genes and Genomes," Nov. 12, 4 p.m., Alumni Auditorium.

Design & Environmental Analysis

"Nature in the Designed Environment: Enhancing Restorative Opportunities," Rachel and Stephen Kaplan, Nov. 12, 3:30 p.m., 265 MVR Hall.

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Hangovers will celebrate 25th anniversary Nov. 13 in Bailey Hall

By Joel Seligman

The Hangovers, one of Cornell's most beloved musical groups, is celebrating a quarter-century of outstanding a cappella music this fall, culminating on Nov. 13 in Bailey Hall with its trademark concert, "Fall Tonic."

The Hangovers have delighted audiences throughout Asia, Europe and America with their close-harmony singing, which includes a repertoire that spans more than a century. But some of the group's most memorable performances have been right here on the Cornell campus, beneath the Balch Hall arches, in Bailey Hall, or anywhere else they could find an eager audience.

This month, Hangovers alumni from around the country will join the current group in Ithaca for Fall Tonic weekend to reflect on their adventures together and celebrate the group's anniversary. For three decades, Cornellians have flocked around the Hangovers on late Saturday nights to hear impromptu performances of their '50s melodies, jazz classics, current pop favorites, and the Cornell songs.

"The group has always been noted for its variety of music," says Ron Schiller '66, the university's associate director of choral music and former Hangovers baritone. "With a wide selection of songs, the Hangs can adapt to any type of audience."

And adapt they do. In any given week, the Hangovers will perform for some vastly different audiences. In the past year, they've been asked to entertain at faculty retirement parties, Tower Club dinners in New York and Chicago, sorority and fraternity formals, building dedications, fresh-

man orientation events, senior week concerts, birthday parties, academic conferences and athletics banquets.

In addition to private functions, the Hangovers sing in concerts with the Glee Club and perform in several of their own concerts each year, such as Fall Tonic and the Cornell Jamboree. They also sing with their counterparts at dozens of other colleges and universities and plan a concert tour during each spring break. In the past five years, they've performed in Jamaica, Antigua, Barbados, Mexico and Florida. The Hangovers perform nearly 150 times each year, about three times per week — on average.

"It's not easy singing with the Hangs and keeping up with school work," says Brian Chu, third-year architecture student and musical director of the Hangovers. "During most of the academic year, we rehearse at least eight hours a week. When we're not rehearsing, we're usually performing. When we're not performing, we're recording."

The Hangovers are an a cappella subset of the male-voiced Cornell University Glee Club, the oldest student-run organization at the university. A cappella in literal translation from Italian means "according to the chapel" or "in chapel style." The term generally refers to vocal music which is performed without instrumental accompaniment, a tradition with origins in the great chapels and cathedrals of the Middle Ages.

"People always ask how the Hangovers got their name," says Gil Keteltas '86, a Washington attorney and former Hangovers tenor. "We certainly know how to have a good time, but the name comes from the old term for fifth-year students. After completing freshman, sophomore, junior

and senior years, students who were still at Cornell were commonly known as 'hangovers' because they 'hung over' past the traditional four years."

Until fairly recently, engineering was a five-year program, and men in the Glee Club who were all 'hanging over' began to sing together. "Once the five-year engineering degree disappeared, the origin of the name became pretty obscure — but it stuck with this group!" says Keteltas.

Although most of the Hangovers started singing long before they came to Cornell, very few have studied music as a major. "Some of our best songs were arranged by engineers or government majors," recalls Rick Dehmel '68 of Phoenix, the founder of the Hangovers. "We've had a few music students in the group, but the Hangovers don't have too much in common academically."

For Dehmel, the 25th anniversary is a dream come true. "Back then, I wanted my friends in the Glee Club to have a chance to explore their voices with some lighter music. Singing with the Hangovers was more of a way to blow off steam and be seen on campus than anything else," he says. "I couldn't be prouder of their accomplishments. I'm looking forward to meeting the new guys and singing with them this fall."

The Nov. 13 Fall Tonic concert will be the highlight of the Silver Anniversary Celebration. Tickets are on sale at the Willard Straight Hall ticket office, (607) 255-3430. The Hangovers are currently recording their seventh album, due for release this winter. Their most recent albums, *Cheers* (1987) and *Behind Bars* (1990), are on sale at Cornell's Campus Store.