

Inauguration Day is here: Let the celebration begin

Inauguration Day has arrived and the Cornell community, and its assembled guests, are ready to mark the historic occasion.

Hunter R. Rawlings III, Cornell's 10th president, will be inaugurated in a campus-wide celebration today, culminating at an afternoon ceremony in Barton Hall.

Cornell's last presidential inauguration was 18 years ago, when Frank H.T. Rhodes

assumed leadership of the university, whose average presidential tenure during its 130-year history has been 14 years.

The inaugural ceremony will be preceded by a reception on the Arts Quad from 1 to 2 p.m., which will feature a special buffet developed by the College of Agriculture and Life Sciences for President and Mrs. Rawlings and the gathering

of students, faculty, staff and guests.

Buffet offerings will include Cornell Empire apples, Cornell apple cider and Cornell New York state sharp cheddar cheese. And topping off the buffet will be a special ice cream, dubbed Inaugural Swirl, developed by Cornell food scientists just for the occasion.

Following the reception, there will be an inaugural procession from the Arts Quad to

Barton Hall, and members of the campus community will line the route.

The processional march will include: more than 100 delegates representing other universities and colleges; delegates representing learned societies and scientific and cultural institutions; trustees; deans and executive officers, the Mace bearer and the bearers of the *Continued on page 3*

Uncertainty clouds research funding picture

By Larry Bernard

Can basic research be saved?

That is the question facing universities across the country, as Congress considers and debates the merits of a system that has worked for 50 years – the federal government sponsoring research in the nation's institutions of higher learning.

Technically, 13 different bills need to be approved by Congress and signed into law by the president to authorize appropriations for the agencies that fund basic research throughout the country. Several agencies are scheduled to receive level funding – no increase for the next fiscal year – but that could translate into a decrease when inflation is taken into account.

"Research budgets are coming under increasing pressure in Congress," said Cornell President Hunter Rawlings, "and investigators are already feeling that pressure in increased competition for funding. All of us need to make the strongest possible case, particularly for fundamental research, with our political leaders."

But whether the congressional proposals will affect Cornell directly is not known. "No one knows how this will affect us. It's impossible to say," said Jack Lowe, Cornell's director of sponsored programs. "We have no way of knowing how it will turn out."

Norman R. Scott, Cornell vice president for research and advanced studies, is cautiously optimistic. "It's not like the sky is falling," he said. "But it will be very, very tough for individual researchers. It will become more highly competitive if these funding proposals are adopted."

The National Science Foundation, which funds 39 percent of Cornell's total federal research budget of \$211 million (Cornell's total research budget, from all sources, is \$331 million), would receive no increase or level funding in bills now being hammered out in House-Senate conference committee.

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The president chimes in



Robert Feldman

President Hunter Rawlings plays the quarter-hour tune on the chimes in McGraw Tower on Oct. 3, while head chimesmaster Jennifer Courtley '96, left, and chimesmaster Jane Park '97, both in the College of Arts and Sciences, look on. See story on Page 7.

University-city talks produce understanding

After months of discussions between city and university officials, the president of Cornell and the mayor of the city of Ithaca initiated a "Memorandum of Understanding" on Oct. 5 that will define their town-gown relationship for the next 13 years.

Cornell President Hunter Rawlings and Ithaca Mayor Benjamin Nichols initiated the document during a ceremony in Ithaca City Hall. The city's Common Council approved the plan with modifications on Monday. The revised memorandum will be considered by the Cornell Board of Trustees Friday.

Rawlings and Nichols each confirmed during the initialing ceremony that the agreement would allow them to focus on the

'I see this new understanding as a "win-win" situation for both the city and the university.'

— Hunter Rawlings

promising future of the relationship between the university and the city.

"I see this new understanding as a 'win-win' situation for both the city and the university," Rawlings said. "I am extremely pleased that Mayor Nichols and I are signing a document that lays out a long-term plan for a productive and mutually supportive future for both the city and the university."

"Months of discussion between town and gown representatives were conducted in a spirit in which both sides recognized that our futures are inextricably entwined," Rawlings added. "Perhaps the most important aspect of this agreement is the stability it will provide both the university and the city as we plan and embark on projects that will affect the community as a whole in many ways."

"This is an historic day for the city of Ithaca," Nichols said. "We have reached a point where we can look forward to a new era of cooperation with the major institution in the city – Cornell University – for our mutual benefit."

The agreement, which will be in effect until Dec. 31, 2007, was negotiated over the past 18 months and includes a schedule of voluntary contributions from Cornell for fire and other municipal services. City and university officials are still in the process of developing a revised zoning ordinance for campus property within the city limits.

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Louganis gives positive message to Bailey crowd

By Ann Caton '96

When Greg Louganis was a child, he was mocked for his dyslexia, his stutter and his Samoan skin. Last Thursday night, the Olympic gold medalist told a crowd of almost 2,000 at Bailey Hall that the taunts were "so frustrating that I just shut up and directed my time and energy to what I could do physically: I could dance, I could tumble and I could dive."

After three triumphant Olympic competitions, diving is what Louganis still does in his spare time. But after completing his autobiography, *Breaking the Surface*, his energies now are directed toward traveling the country to talk about a different kind of triumph: the liberation he's achieved by publicly revealing he is both gay and HIV positive.

"He deserves credit for both the competitive success he has enjoyed and sustained over many years in his sport and for the

courage that he has shown in acknowledging his personal life and laying himself open to public scrutiny in the hope that his own story may help other people, especially those who have AIDS," said Cornell President Hunter Rawlings, who introduced Louganis.

Louganis told the audience that his first step in "coming out" was admitting his sexual identity to himself and then becoming comfortable with that identity. He emphasized the

Continued on page 2

LETTERS

Sage Hall architects are seeking artifacts

To the long lived, those of long recall and those of great knowledge:

We are trying to locate original elements, artifacts and effects of Sage Hall on campus for use in the renewal and expansion of Sage for the Johnson School of Management:

Small items – Lighting fixtures, hardware, furniture and furnishings if they can be authenticated by photographs.

Large items – We have heard that the original top spire, damaged and removed in the 1950s, exists in an obscure location in Ithaca.

If you have any information, please call or write:

Alan Chimacoff, Arch '64
Principal, Director of Design
The Hillier Group Architects
500 Alexander Park, CN-23
Princeton, N.J. 08543-0023
(609) 452-8888

or

John C. Gutenberger
Assistant Director, Community Relations
Cornell University
110 Day Hall
Ithaca, N.Y. 14853
(607) 255-4908

In a festive mood



Srijana Jonchhe, 8, left, and sister Yojna, 6, watch the Dasain Festival on Sept. 30 with their mother, Shanti. During the festival, sponsored by the Cornell Nepalese Association, both girls, dressed in traditional costumes, performed dances.

Robert Barker/University Photography

Louganis continued from page 1

tremendous importance of his mother's support throughout the process. Before he came out directly to her, Louganis said, he took her with him to gay dance clubs.

"She was a major hit," he said. "Everybody was buying her drinks. She always wanted to go back to one of those 'fun places.'"

By the time Louganis spelled it out for her, "she had already figured it out," he said, "and it wasn't any big deal to her; I was still her son and she loved me unconditionally."

Although friends and family were supportive, some members of the U.S. Olympic diving team were not. Louganis recalled the Olympic Festival in 1985, where the athletes were housed together in dorms. The movie *Ghostbusters* had just been released, inspiring a "'fag-buster' campaign that was obviously directed toward me," Louganis said.

In 1988, Louganis tested positive for HIV. He decided to focus on diving instead of the disease and continued training for the Olympic competition. He described his reaction to the dramatic cut he received while diving in the qualifying round, when his head hit the diving board.

"I was paralyzed with fear," he said, recalling the incident captured live on national TV. "I was thinking, what is my responsibility being HIV-positive?"



Adriana Rovers/University Photography

Olympic diving champion Greg Louganis speaks at a press conference in the Statler Hotel Oct. 5.

Louganis finished the competition with a perfect dive and became the only person to win two gold medals in consecutive Olympic Games.

Since then, and after coming out publicly, his time has been filled with acting, public speaking, volunteer work and healing.

"This book saved my life," Louganis said of his autobiography. It allowed him, he said, to come to terms with his father's painful battle with cancer, his own abuse at the hands of an ex-lover and his experiences with HIV. "It took three readings of my own book to realize that this was a story of survival," he said.

Louganis is currently doing much more than surviving: He just finished a one-man Broadway production of "The Only Thing Worse That You Could Have Told Me..." and took a major role in the play "Jeffrey." He also will perform the diving stunts in a movie about his life.

It is clear that Louganis practices what he preaches: "Life isn't over with an HIV diagnosis, and the best way to show that is by being a part of it," he told the audience.

Lisa Natoli '98 said she was inspired by Louganis' speech. "I'm really impressed. Anyone who can go through what he has gone through and come out smiling deserves respect in my book."

The event was sponsored by the Cornell University Program Board.

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.

Research funding continued from page 1

tees. The National Institutes of Health – now the largest provider of federal funds to Cornell at 43 percent – would receive a 5 percent increase under the House, but the Senate suggests a mere 2.7 percent increase in funding.

But no one at Cornell is standing idly by, either, merely hoping for the best. Cornell has been active in making the case to the nation's lawmakers that basic research money is the "seed corn" that provides for future economic growth.

"What's at risk for us? The whole way we do business is at risk, particularly with some of these bills that are in conference," said Stephen Philip Johnson, Cornell's executive director of government affairs. "Student financial aid, student loans, research grants, big science programs, Medicare reimbursements – they are all subject to cuts."

Working with the Association of American Universities, Cornell has been in steady contact with key lawmakers for the past few months to try to protect funding for basic research. Government Affairs Office staff members have been meeting individually with key lawmakers and their staffs, and Cornell has joined The Science Coalition, an ad hoc group of institutions, organizations and individuals to help in the effort, or, in the coalition's words, to dedicate itself

"to sustaining the federal government's historic commitment to U.S. world leadership in basic science."

Among its activities are placing advertisements in newspapers in districts of key legislators and in *Roll Call*, the newspaper of Capitol Hill, showing the support of state governors and business leaders for university-based research. New York Gov. George Pataki was one of 17 governors to sign a letter urging Congress to "continue investing in [the] future and to sustain federal funding for university research." A similar letter was signed by chairmen or CEOs of 16 major corporations.

In addition to these activities, Rawlings has met with U.S. Sen. Alfonse D'Amato (R-N.Y.), and U.S. Reps. Sherwood Boehlert (R-N.Y.), James Walsh (R-N.Y.) and Lamar Smith (R-Texas), who sits on the House Budget Committee.

It may be the end of the year before some of these appropriations bills are approved by the Congress and the president. But that does not mean there is time to waste.

Funding of the NIH "is very much at risk," Johnson said. That could portend trouble for Cornell's Medical College in New York City, which gets almost 100 percent of its federal dollars for biomedical research from that agency – about \$59 million last fiscal year. On

top of that, Congress is considering overhauling Medicare, the government sponsored insurance program, which would reduce payments to teaching hospitals.

"Congress is taking a huge chunk that goes to teaching hospitals," Johnson said. "And it could really hurt an urban institution like ours."

Scott, Cornell's vice president of research, said that agency funding increases "certainly are not going to exceed inflation, which is about 2.5 percent. But this didn't start yesterday. This has been happening for several years. Still, there is hope that the NSF and NIH budgets may stay flat from a research perspective, or have very modest increases, and I mean very small."

What does that mean for Cornell? Increased competition in grantsmanship. "If the NSF wants to keep grant sizes the same, that will mean increased competition for fewer grants," Scott said. "Our only saving grace is that we are highly competitive."

Indeed, Cornell faculty are adept at securing those grants. Almost half of all grant proposals from Cornell to the NSF get funded; the national average is about 25 percent.

Driving the funding proposals is an attitude on the part of the Congressional leadership calling for efficiency in universities and for restraint on all federal spending.

CORNELL UNIVERSITY'S 10TH PRESIDENTIAL INAUGURATION

Tonight's *Cirque de Cornell* offers entertainment for everyone

By Darryl Geddes

Cirque de Cornell, an evening of entertainment modeled after the critically acclaimed *Cirque de Soleil*, will cap two days of festivities surrounding the inauguration of President Hunter Rawlings with a performance tonight at 7 p.m. in Barton Hall.

The event is free and open to the public, but admission tickets are required (see in-

formation in schedule below).

Performing arts groups from across campus will treat the audience to an evening of entertainment, including singing, dancing, theater, juggling and comedy routines.

The loose script on which the performances are hung follows a group of new students as they become immersed in the Cornell experience. Along the way, they encounter many of the diverse cultures that

make up the Cornell community. The students' tour guide is a *Big Red Book*.

Producers say the event will be an opportunity to celebrate what it means to be a Cornellian. And if the preliminary lineup is any indication, it means good fun and a real education.

Among the more than 20 groups signed up to perform will be a comedy group called the Whistling Shrimp; On Tap, a tap dance troupe;

several male and female *a cappella* singing groups; Sabor Latino, a Latino dance troupe, and Sitara, an Indian dance troupe; and Kujichagulia, an African-American student step team. Also making an appearance will be a troupe of university facilities employees, who made their parade-stopping debut at the farewell gala for President Frank H.T. Rhodes in May. Once again they will bring out their precision broom-and-brush team. Enjoy.

Classics scholar Hunter Rawlings has presidential background

Hunter R. Rawlings III, a classics scholar, was appointed Cornell University's 10th president by the Board of Trustees on Dec. 10, 1994, and took office on July 1, 1995. He also holds the faculty rank of professor of classics.

Born in Norfolk, Va., he received his Ph.D. from Princeton University in 1970 and is a 1966 graduate of Haverford College, with honors in classics. At Princeton, Rawlings was a Woodrow Wilson Fellow and a National Defense Education Act Fellow.

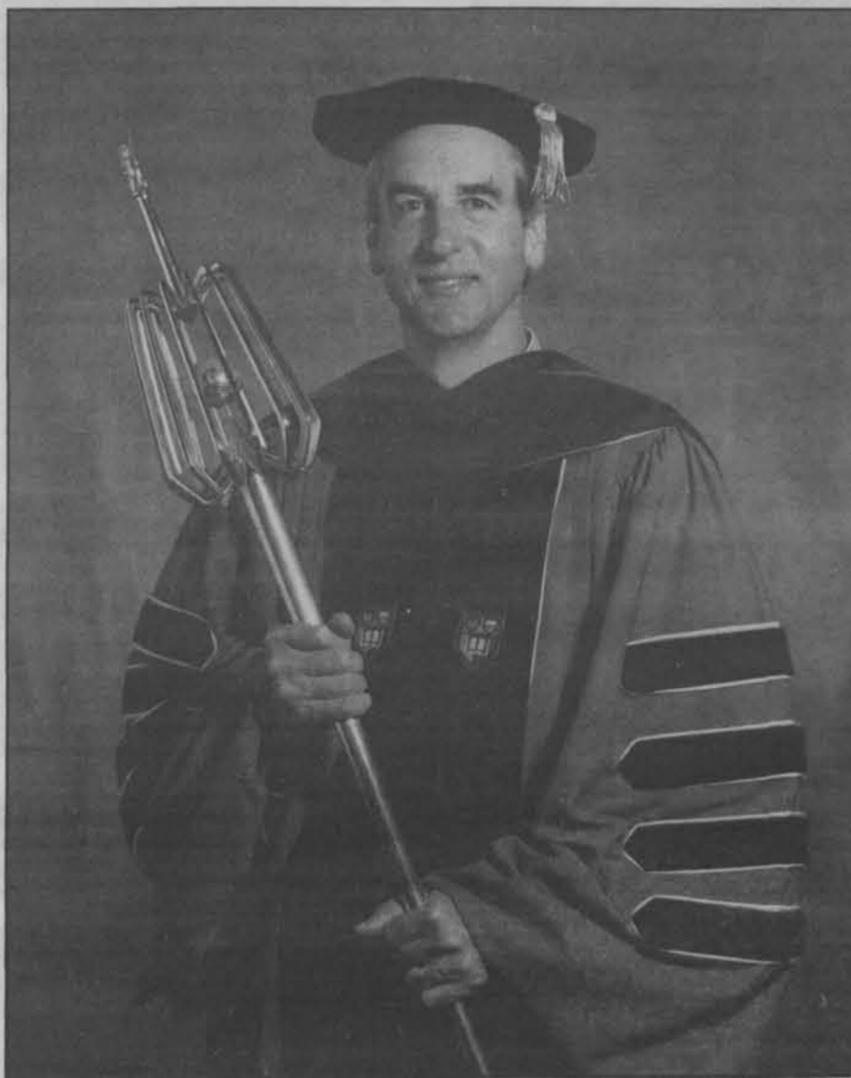
Rawlings came to Cornell from the University of Iowa, where he was president and professor of classics from 1988. Before that, Rawlings served for four years as vice president for academic affairs and research and dean of the system graduate school of the University of Colorado. He joined UC-Boulder in 1970 as assistant professor of classics, became department chair in 1978 and was named full professor in 1980. He served as associate vice chancellor for instruction from 1980 to 1984.

Among Rawlings' scholarly publications is *The Structure of Thucydides' History* (Princeton University Press, 1981). He is the author of scholarly monographs and articles, and he has served as editor of *The Classical Journal*.

Rawlings was elected a member of the American Academy of Arts and Sciences in 1995. He is a member of the board of directors of the American Council on Education and has served on the executive committee of the Association of American Universities and as a member of the National Committee for the Selection of Mellon Fellows in the Humanities.

Throughout his academic career and his "freshman days" at Cornell, he has shown a deep and abiding belief in putting "the student first." He is committed to integrating the academic and social life of the student with the goal of raising the level of discourse in the academy and creating a true community of ideas.

After his selection as Cornell's 10th president, Rawlings said: "Cornell is one of a handful of universities with worldwide impact and influence. It offers a singular combination of the highest aca-



Robert Barker/University Photography

Cornell President Hunter R. Rawlings III

demic quality and full commitment to public service. As such, Cornell University represents an extraordinary opportunity for leadership, and I am honored to be asked to assume its presidency."

Here is a selection of quotations from Cornell President Hunter Rawlings on higher education and related issues:

On affirmative action

"The benefits of affirmative action ac-

crue not simply to the individuals for whom opportunities are expanded, but to the entire university community, which derives much of its vitality from the perspectives of different cultures, races and individual points of view. While neither Cornell nor America has yet realized the full potential of an ecumenical society, I continue to believe that such a society is our best hope for mobilizing the skills and realizing the potential of all our people. Universities like Cornell must take lead-

ership in developing such a society. For all these reasons, I am committed to maintaining an assertive policy of affirmative action at Cornell."

— Statement on affirmative action issued at Cornell
September 1995

On the university's service to the state

"Now the world has changed; our nation has changed; universities need to offer a different set of public services for a different time. We must prepare for a more integrated mission, one that combines service with teaching and scholarship in ways that are engaged with society's needs and integrated into society's purposes."

— Speech to the President's Forum on Public Service
March 1993

On the university as an engine for economic development

"When we fulfill our primary missions exceptionally well, vigorous economic development follows. We focus our efforts on what we do best . . . helping Iowans appreciate the arts, understand other cultures, learn professions, and enjoy healthier lives. All across the United States, the nation's best research universities have become leading forces in the economic development of their states and regions, not because economic stimulus is their goal, but because they fulfill three traditional missions—teaching, research, and service—at very high levels of excellence."

— Column in the Des Moines Register, August 1994

On being a university president

"There are always things you feel you can improve, but I think we've developed a means of coping with difficulties. This has been a very vibrant time. I've learned that you have to be nimble in this job. Sometimes I wake up in the morning and learn what I'm going to do that day after reading the daily newspaper."

— President's report
August 1993

Inauguration continued from page 1

Great Seal of the University and the University Charter, faculty and administrators.

The inaugural ceremony will take place in Barton Hall, beginning at 3 p.m., with Stephen H. Weiss, chairman of the Board of Trustees, presiding.

The ceremony also will mark the world premiere of a musical composition by Cornell alumnus Andrew Waggoner, who is director of Syracuse University's School of Music. Waggoner's piece, *Wyrd Versus*, was commissioned for the occasion by Cornell's Department of Music and will be performed by the Cornell Symphony Orchestra under the direction of Edward Murray.

At night, from 7 to 9 p.m. in Barton Hall, there will be a festival of performances, titled *Cirque de Cornell*, to showcase the

musical, comedic, dance, theatrical and athletic talents of the Cornell community and celebrate the inauguration.

On Friday, after the inauguration, Cornell's Board of Trustees will meet in open session. The meeting is part of the annual campus gathering of the trustees and the Cornell University Council, a worldwide body of 440 active alumni volunteers.

The events will include President Rawlings' first state-of-the-university address to a joint trustee-council session on Friday morning and the board's afternoon open session in the Johnson Museum of Art beginning at 2 p.m. Several of the board's committees also will have open sessions. Information on the sessions is available at the Informational and Referral desk in the lobby of Day Hall.

Inauguration schedule and information

The inaugural ceremony will take place in Barton Hall at 3 p.m., preceded by a reception on the Arts Quad from 1 to 2 p.m., and an inaugural procession that will begin at about 2:15 p.m., moving from the Arts Quad to Barton Hall.

In case of rain, the Arts Quad reception will be canceled and the inaugural procession will form in Barton Hall.

Tours and exhibits will be offered throughout the campus from 9 a.m. to 1 p.m. A schedule is available through the Information and Referral Center at 254-INFO and on the News Service's Web page at <<http://www.news.cornell.edu>>.

The day will end with *Cirque de Cornell*, a performance festival, from 7 to 9 p.m. in Barton Hall.

Ticket Information

Because of space limitations, tickets will be required to attend the inaugural ceremony and *Cirque de Cornell*.

Tickets can be obtained at the Information and Referral Center in Day Hall, from 8 a.m. to 5 p.m.; the Willard Straight Hall ticket office, beginning at 9 a.m.; Robert Purcell Community Center, 8 a.m. to 6 p.m.; and Noyes Community Center, beginning at 10 a.m.

Broadcast Information

The inaugural ceremony will be broadcast live on Time-Warner Cable Channel 55. On campus, the ceremony may be viewed live in the David L. Call Alumni Auditorium of Kennedy Hall and the Statler Auditorium.

CORNELL UNIVERSITY'S 10TH PRESIDENTIAL INAUGURATION

Looking back at the history of East Hill inaugurations

Cornell University's first inauguration ceremony was 127 years ago at the university's opening ceremonies, and there have been only eight since — until today. Each inauguration had its special flavor, befitting the times.

Andrew Dickson White, 1868

On a warm and bright autumn day in 1868, Cornell University celebrated its first Inauguration Day. Though the Arts Quad was little more than a cow pasture and only one still-unfinished building (Morrill Hall) stood, *The New York Times* reported that at sunrise in Ithaca on Oct. 7, "from all the hills poured forth delightful music, and every few minutes the thunder of artillery from the eastern hills responded to the booming of cannon from a lofty eminence on the west side of town."

A few hundred people attended the ceremonies at Library Hall, which stood on the corner of Tioga and Seneca streets. Because the new university's non-sectarian foundation was extremely controversial at the time, Gov. Reuben E. Fenton did not attend the ceremonies, but was represented by Lt. Gov. Stewart L. Woodford, a strong supporter of the new institution.

The Founder, Ezra Cornell, delivered an address, in which he said: "I hope we have laid the foundation of an institution which shall combine practical with liberal education, which shall fit the youth of our country for the professions, the farms, the mines, the manufactories, for the investigations of science and for mastering all the practical questions of life with success and honor.

"I desire," he added, "that this shall prove to be the beginning of an institution which shall furnish better means for the culture of all men of every calling, of every aim; which shall make men more truthful, more honest, more virtuous, more noble, more manly; which shall give them higher purposes and more lofty aims, qualifying them to serve their fellow men better, preparing them to serve society better. . . ."

Lt. Gov. Woodford administered the oath of office to Andrew Dickson White and presented him with the Charter, Seal and keys of the university. White delivered a lengthy address in which he asserted the formative ideals of the new university and declared its educational independence.

Later that day, the crowd climbed up East Hill to the site of the university, where they gathered around a rough wooden structure from which hung a chime of nine bells presented by Miss Jennie McGraw of Ithaca. After the bells rendered "Old Hundred" and "Hail, Columbia," six distinguished speakers orated, among them Louis Agassiz of Harvard, who said, "I hope I shall live to see the time when all the old colleges will draw fresh life from this young university. . . ."

Charles Kendall Adams, 1885

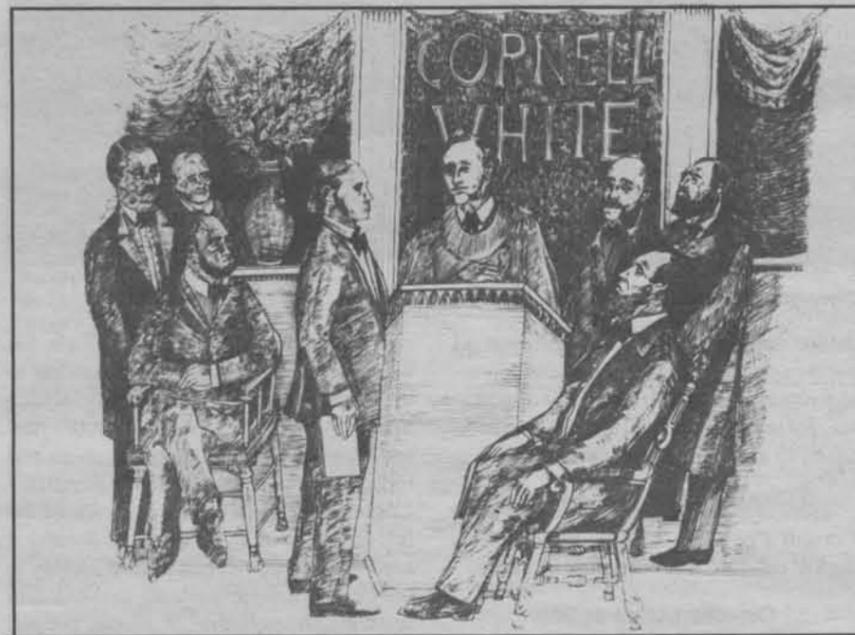
Cornell's second Inauguration took place on Nov. 19, 1885, in the Old Armory, a building that stood on the approximate site of the Quadrangle of the College of Engineering. After a procession from the Arts Quad, participants attended formal ceremonies that lasted several hours, with three-and-one-half-hours of speeches alone. The new president, Charles Kendall Adams, spoke for more than an hour about the development of higher education in America and his plans for a new form of education. Trustee Henry W. Sage formally presented the new president with the Charter and Seal. Later that night, the armory was transformed into a festive hall with dancing that lasted until midnight.

Jacob Gould Schurman, 1892

Jacob Gould Schurman, who was inaugurated in the Old Armory on Nov. 11, 1892, used the occasion to retell the story



Cornell presidents emeriti, from right, Deane W. Malott, James A. Perkins and Dale R. Corson, gathered in 1977 to celebrate the inauguration of Cornell's ninth president Frank H.T. Rhodes, left. All four men are expected to take part in today's inaugural ceremonies.



Artists' conception of how Library Hall may have looked at the inauguration of Andrew Dickson White in 1868. White is pictured at the podium giving his inaugural address. Joining him, from left to right, are: Charles F. Hartt, professor of geology; Louis Agassiz, Harvard professor of natural history; George C. Caldwell (seated), professor of agricultural chemistry; George William Curtis, professor of literature; New York's Lt. Gov. Stewart L. Woodford; Ezra Cornell (also seated), founder of the university; and William C. Cleveland, professor of civil engineering. (Artists are Victoria Roman and Murray Zimiles).

of the Morrill Act and to excoriate the state of New York for not having given one cent of support to its fledgling land-grant university. He asked for an annual appropriation from the state of "not less than \$150,000!" He also listed special needs, such as faculty salaries, dormitories and scholarships, for which he would seek private support.

Livingston Farrand, 1921

Livingston Farrand was inaugurated at the dawn of the "Roaring Twenties" on a

day of drizzling rain. In his inaugural address on Oct. 20, 1921, in Bailey Hall, he spoke about the crisis in Europe, with special regard for the plight of Poland and the need for the university to recognize its "international responsibility." The cornerstone of the Baker Laboratory of Chemistry was laid as the climax of the day's ceremonies, attended by Gov. Nathan L. Miller. An inaugural dinner for 700 guests was held at the Old Armory, with Professor Emeritus Thomas E. (Teefy) Crane of "Davy" fame as toastmaster.

Edmund Ezra Day, 1937

In his inaugural address presented on Oct. 8, 1937, Edmund Ezra Day detailed the ideals on which Cornell University had been established, quoting extensively from Andrew Dickson White's autobiography and noting that it was almost 68 years to the day since White's inauguration. On the eve of World War II, he declared: "The time has passed when it can be assumed that social well-being will flow automatically from self-interested individual enterprise. If democratic institutions are to be preserved and individual liberty remain our proud possession, the citizen must recognize his obligation to make his life add to the common weal." Day was the last Cornell president, until Hunter Rawlings, to receive the Seal and Charter as symbols of authority.

Deane Waldo Malott, 1951

In keeping with the pattern of events that took place at the university during and just after the war years, Deane Waldo Malott was inaugurated in an informal hour-long program held "within the Cornell family" on Sept. 19, 1951. Some 10,000 spectators watched as he was installed as president in an 11 a.m. ceremony on the Library Slope, after which Gov. Thomas E. Dewey presented an address at a luncheon in Statler Hall.

James A. Perkins, 1963

The inauguration of James A. Perkins as president of Cornell was signified by the first presentation of the University Mace and Baton as symbols of authority by the chairman of the Board of Trustees. Previously, the symbols of authority presented to the new president were the University Charter and Seal. The formal ceremony was held in Bailey Hall on the morning of Oct. 4, 1963, with remarks presented by Dr. John W. Gardner, president of the Carnegie Corp. of New York.

Dale R. Corson, 1969

Dale R. Corson had been at Cornell for 23 years, rising from assistant professor of physics to provost, before he was chosen to be president. His naming as president was marked with a dinner at the time of the announcement, and his formal investiture took place at Commencement ceremonies in Barton Hall on June 8, 1970. In keeping with the tenor of the times, student demonstrators briefly disrupted the ceremonies. In his formal address, Corson said: "The last several years have been increasingly critical and traumatic for the country as a whole and for the universities. Cornell has been no exception. I would . . . express the hope that all of us may learn increasingly to respond to these problems out of a deep sense of our common destiny."

Frank H.T. Rhodes, 1977

Three presidents emeriti (Malott, Perkins and Corson) were among more than 6,000 guests gathered in Barton Hall on Nov. 10, 1977, for Frank H.T. Rhodes' inauguration. In his inaugural address, ". . . And Perhaps Cornell," Rhodes enumerated his goals as president: "We must reaffirm, first, the power of reason; second, the strength of community; third, the priority of research; and, fourth, the wider partnership of Cornell." He emphasized that major research universities are "a national asset, whose well-being is of paramount importance to the nation's welfare, security, prosperity, and health . . . the great reservoir on which the fulfillment of all our hopes and larger social aspirations must draw . . . humankind's best hope against the stark alternatives of the future."

AlliedSignal CEO to discuss globalization of business

By Darryl Geddes

Lawrence A. Bossidy, chairman and chief executive officer of AlliedSignal Inc., will deliver the Hatfield Address on "Made in America - Does It Matter Anymore" on Oct. 19 at 4:30 p.m. in Schwartz Auditorium of Rockefeller Hall.

Cornell President Hunter Rawlings will introduce Bossidy. The lecture is free and open to the public.

Bossidy is the 1995 Robert S. Hatfield Fellow in Economic Education, the highest honor Cornell bestows annually on outstanding individuals from the corporate sector.

Bossidy's address will focus on the globalization of business, a theme that has surfaced in the past several Hatfield Fellow addresses and one that is of growing interest to the corporate world, since the percentage of



Bossidy

earnings from non-U.S. sources is increasing for American companies. Last year, James Houghton of Corning Inc. discussed the quality battle and the globalization of his company. In 1993, Edwin Artzt of Procter & Gamble explained the consumer's increasing interest in product value and the willingness to pay for it on a worldwide scale. The previous year, Yoh Kurosawa, president of the Industrial Bank of Japan, delivered a tongue-in-cheek presentation on "The Coming Collapse of the Japanese Economy."

When Bossidy came to AlliedSignal in 1991, after 34 years with General Electric where he rose through the ranks from finance management trainee to vice chairman and executive officer, he found a company that had "grown rapidly, but whose earnings had stalled," Bossidy said.

"We were hemorrhaging cash," he said in an interview published in the *Harvard Business Review's* March-April 1995 issue.

Bossidy jump-started the stalled company by first hearing from employees and customers to find out what the company had

done right and what the company had done wrong. The restructuring plan that followed closed factories, reduced management layers, trimmed the company's supplier list, sold off peripheral businesses and consolidated functions.

The overhaul made AlliedSignal a smaller, slicker organization: divisions were decreased from 58 to 34 and net income soared. The \$13 billion industrial supplier of aerospace systems, automotive parts and chemical products, made a complete turnaround under Bossidy's guidance.

Today Bossidy is turning AlliedSignal's sights on the global marketplace, where the company is building a \$27 million diesel turbocharger plant in Shanghai. Earlier, the corporation opened a \$200 million plant in France to produce polyester fibers for tires. These initiatives and others now account for 38 percent of the company's total revenue.

AlliedSignal is revitalizing its domestic businesses as well. For example, its aerospace business, which has traditionally made airplane engines and avionics systems, now

offers repair and overhaul services. By acquiring the Budd Co.'s \$350 million wheel and brake division, AlliedSignal has become a fully integrated braking systems provider. Among other domestic market initiatives, the company is investigating civilian uses for nuclear defense materials.

The Hatfield Fund for Economic Education was established by the Continental Group Foundation to honor former Continental Chairman Robert S. Hatfield. The fund supports campus visits by distinguished business leaders who deliver major addresses on economic issues of national importance. They are intended to serve as major platforms for the exchange of ideas between the corporate and academic communities.

Hatfield Fellows since the program's inception in 1981 have included Hatfield and chief executive officers of General Motors, E.I. DuPont de Nemours & Co., General Electric, IBM, General Foods, UAL Inc., Eastman Kodak, Ford Motor Co., Xerox Corp., Hewlett Packard, Corning Inc. and Procter & Gamble.

Vet College helps New York's otter restoration project

By Roger Segelken

River otters, the bewhiskered aquatic mammals remembered for their playful sport of tobogganing down stream banks, are returning to central and western New York waters, the result of a population restoration program of the College of Veterinary Medicine, the state Department of Environmental Conservation and the non-profit New York River Otter Project Inc.

"This brings the river otter back home after an absence of 100 years," said River Otter Project President Dennis J. Money, announcing the first release on Oct. 5 of two otters into the Seneca River near Montezuma National Refuge. "This is a historic first," he said.

The otters are being captured through October in the Adirondack and Catskill mountains by specially licensed trappers who work with the DEC on the reintroduction program. From these areas - where a relatively abundant population survives since being extirpated from most of the rest of the state by loss of habitat and degradation of water quality, as well as unregulated trapping in the late-1800s - the animals are transported to a wildlife facility at the veterinary college.

"We give the otters complete physical exams, checking for parasites and evidence of other infectious diseases and treating any diseases we find," explained George V. Kollias, D.V.M., the professor of wildlife medicine who is in charge of the otters during their brief-as-possible stay at Cornell.

Veterinary students and wildlife medicine technicians record the otters' vital statistics, day by day, and make certain the animals are healthy enough to be released back to the wild. The otters also receive microchip identification devices, implanted beneath their fur, and some will get miniature radio transmitters so that their whereabouts can be monitored after the release.

The first two history-making otters are young males, approximately 1 to 2 years of age, and were among 14 at Cornell last week. Subsequent releases in the Montezuma



George Kollias, left, Cornell professor of wildlife medicine, and Robert Gotis, a biologist for the New York State Department of Environmental Conservation, load up otters at Cornell's Hungerford Road veterinary lab. The otters were released into the Seneca River on Oct. 5.

area will include females, in hopes of repopulating central New York rivers, creeks and lakes. If they don't reach Ithaca via Cayuga Lake, they could approach through Fall Creek, predicted DEC biologist Robert Gotie. One planned release site is Bear Swamp Creek, near the headwaters of the creek that feeds Cornell's Beebe Lake.

Licensed trappers, who were chosen for the program because they know more than almost anyone else about where to find otters these days, received advanced training

in the humane handling of live animals from the DEC, according to Money, a senior environmental analyst with Rochester Gas and Electric Corp. He said the volunteer-based project hopes to release about 30 to 90 otters a year in central and western New York, "although that depends on how fast we can raise money to pay the expenses," which are estimated to be around \$300,000. "Also, we don't want to deplete existing populations," he said.

Continued on page 6

Theory Center is first to integrate new supercomputing technology

By Linda Callahan

The Cornell Theory Center announced this week that it is the first high-performance computing and communications center to successfully implement the High Performance Storage System (HPSS) technology in an IBM RS/6000 POWERParallel SP supercomputing environment.

HPSS is a new-generation, hierarchical, mass-storage system software that was designed and built to provide "scalability" - the ability to use as many processors as needed for a particular problem - and performance. Anticipated use of the system will have it managing millions of files and "petabytes" - 1,000 million million bytes (or 10^{15} bytes) - of data. HPSS relies heavily on parallel input/output to attain impressive aggregate data rates.

HPSS is a cooperative development project, originated by IBM Government Systems and four Department of Energy laboratories: Lawrence Livermore National Laboratory, Los Alamos National Laboratory, Sandia National Laboratories and Oak Ridge National Laboratory. Cornell, under NASA Lewis Research Center sponsorship, and NASA Langley Research Center also have contributed to the development of HPSS. Since its founding, the HPSS collaboration has been joined by the Cornell Theory Center (CTC), Fermi National Accelerator Laboratory, Maui High Performance Computing Center and the University of Washington.

CTC is the SP Integration Site for HPSS and also will be an early deployment site for the completed system. HPSS technology is key to CTC's globally scalable high-perfor-

mance computing environment. The term global scalability was coined by CTC Director Malvin H. Kalos several years ago to extend the concept of scalability from arithmetic performance to a broader range of attributes of high-performance computing.

HPSS technology is important to CTC's national user community for a number of reasons, according to Doug Carlson, associate director for systems and operations at CTC. "Users with very large data requirements can efficiently move data between high-performance, external tape and disk systems and the SP using HPSS parallel I/O," he said. "This allows them to process tremendous volumes of data and better exploit the data handling capabilities of our SP system."

The Nile Project, a National Science Foundation "National Challenge" project, is an example of an application that requires

HPSS capabilities. Nile is a collaboration led by the University of Texas-Austin and involves 20 institutions, including Cornell. At Cornell, physicists collect terabytes of data from each experiment at Cornell's Electron Storage Ring, where they study the fundamental interactions and building blocks of nature.

Cornell's Nile collaborators are working with CTC to improve the analysis of the data.

CTC, one of four high-performance computing and communications centers supported by the National Science Foundation, operates a 512-processor IBM SP system. Activities of the center are also funded by New York state, the Advanced Research Projects Agency, the National Center for Research Resources at the National Institutes of Health, IBM and other members of the CTC's Corporate Research Institute.

NSF grants will help support basic research programs

By Larry Bernard

Cornell will receive new scientific instrumentation and equipment, with the help of National Science Foundation grants, to enhance two research programs.

The grants, made under a national program to improve research infrastructure, will aid Cornell's Biomolecular Nuclear Magnetic Resonance (NMR) Center and Laboratory for Natural Abundance for Isotope Analysis.

For the NMR spectrometer, the NSF awarded \$400,000 to Cornell's section of biochemistry, molecular and cell biology. The College of Arts and Sciences is providing \$300,000 toward a match, and another \$100,000 is coming from the Program in Biomolecular Structure through the Keck and Markey foundations.

The isotope laboratory is supported by an NSF grant of \$750,000, with a \$700,000 matching grant from the Mellon Foundation and additional funds from the Center for the Environment, the Division of Biological Sciences, the College of Agriculture and Life Sciences and the Department

of Geological Sciences at Cornell, for a total of \$1.6 million.

The NSF program, called Academic Research Infrastructure (ARI) Program, also awarded \$1 million to the Cornell Nanofabrication Facility and the National Nanofabrication Users Network for an electron-beam lithography machine; and \$500,000 to the Cornell Theory Center and a consortium of such centers to provide the infrastructure for teraflops computing.

"The purpose of the NSF program is to update institutions and their infrastructures that have become out of date," said Norman R. Scott, Cornell vice president for research and advanced studies. "This helps revitalize instrumentation at the university that supports research."

The labs will be interdisciplinary, with faculty from a variety of fields signed on to do cutting-edge research.



Nicholson

The NMR laboratory will be directed by Linda Nicholson, assistant professor of biochemistry, molecular and cell biology. The machine, a 600 MHz NMR spectrometer, is expected to arrive in January and will be housed in the Biotechnology Building. It will be dedicated to structural and dynamics studies of biological macromolecules, and it will be open to the entire Cornell community; researchers in veterinary medicine, chemistry, and other units have signed on to utilize it for their research.

"We'll be looking at proteins, RNA and DNA/protein complexes," Nicholson said. "Basically the two techniques available to look at the structure of a large molecule are X-ray crystallography and NMR spectroscopy. Cornell already has a worldclass X-ray source. This NSF grant is bringing the NMR component to Cornell. We will use it to establish relationships between structure, function and dynamics in biological macromolecules."

The lab will have a strong teaching component, said Nicholson, who has five undergraduate students, three graduate students and a postdoctoral associate in her lab. "We'll be training graduate students in high resolu-

tion NMR, with an emphasis on drug design. This will prepare them for possible positions in pharmaceutical companies, academia or government labs, for example," said Nicholson, who teaches a graduate course, "Proteins: Structure, Function and Dynamics."

The isotope lab also is interdisciplinary in nature — a joint venture with the Division of Biological Sciences, the Center for the Environment and the Department of Geological Sciences. The project director is Bob Howarth, the Atkinson Professor of Ecology and Environmental Biology. Other involved faculty come from four colleges and eight departments, plus the Boyce Thompson Institute for Plant Research. The instruments consist of three mass spectrometers — two gas phase isotope ratio machines and one inductively coupled plasma mass spectrometer.

"The first two will measure the natural abundance of isotopes of elements like carbon, nitrogen, oxygen, hydrogen — biologically major elements," Howarth said. "We can trace pathways of water flow through ground water, plants and trees, determine where nitrogen and atmospheric pollution

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CU-City *continued from page 1*

Henrik N. Dullea, Cornell vice president for university relations who led the university's negotiating team — which included Frederick A. Rogers, senior vice president, and Harold D. Craft Jr., vice president for facilities and campus services — noted the memorandum calls for an immediate 50 percent increase in the university's annual contribution for fire protection and builds on a series of agreements over the past three decades that deal with a range of topics, including infrastructure issues, fire protection, Collegetown redevelopment and the transit facility built and operated jointly by the university, city and county.

Cornell's contribution for fire protection will jump from \$143,000 in 1994 to \$225,000 in 1995. Since 1967, Cornell has made voluntary contributions for fire protection in excess of \$2 million, according to city and university records.

Cornell also currently contributes \$150,000 annually to the Ithaca City School District and more than \$135,000 to other programs, including child care, affordable housing, economic development and tourism. Cornell was one of the first universities in the nation to make voluntary payments to a local municipality in support of public services, Dullea noted.

The voluntary contributions are in addition to more than \$1 million in property taxes generated countywide last year by Cornell's taxable properties, including \$76,000 in property taxes to the city of Ithaca.

"The increase in Cornell's financial commitment to the city, which we believe we can accommodate within our existing resources, will contribute to, as the memorandum states, 'a high-quality educational, cultural and social environment that seeks to meet the legitimate needs of the entire community, particularly its children and youth,'" Rawlings said.



President Hunter Rawlings and Mayor Benjamin Nichols pose before initialing the "Memorandum of Understanding" on Oct. 5.

The memorandum observes: "Both parties have faced, and continue to face, significant fiscal and regulatory pressure from the outside, particularly from the state and federal governments. Both parties are similarly affected by changes in the local economy and beyond. These pressures make it all the more important that both parties understand and accommodate their respective interests in the furtherance of the common good of the entire community."

The university will continue to encourage and facilitate opportunities for members of its student body, faculty and staff to offer their voluntary and professional services to the city and other local municipalities, Dullea added.

The agreement calls on both parties to conduct regular high-level meetings and to seek coordinated planning with other local

municipalities and to stimulate expansion of local job opportunities and the sales- and real-estate tax bases.

At the Ithaca City Hall initialing ceremony, Rawlings and Nichols spoke about the mutual respect and cordiality that characterized the negotiations while the parties worked out their differences.

"We all had mutual respect for each other and a strong desire to come to an agreement," Rawlings said.

"We've had disagreements in the past," Nichols said. "Our view is that was in the past. We've now entered a new era of cooperation with Cornell University."

"Cornell and the city cannot flourish without each other," Rawlings noted. "All of us can enjoy and feel good about this agreement. It's good for the university and it's good for the community."

Johnson School panel includes Polaroid CEO

By Darryl Geddes

MacAllister Booth, chief executive officer of Polaroid, heads a prominent list of corporate executives, educators and public-policy experts who will take part in a roundtable discussion on "The Scientist as Manager: Emergence of a New Business Elite?" on Oct. 18 at the Cornell Club, 6 East 44th St., New York City.

The event is sponsored by the Johnson Graduate School of Management, which this summer began offering a 12-month M.B.A. program for scientists and engineers only.

"As we continue moving toward a technology-based economy, it is becoming increasingly important for corporations to develop senior managers who understand the potential, limitations and strategic implications of technology decisions," said Alan G. Merten, the Johnson School dean. "Meanwhile, recent studies by the National Academy of Sciences and others report that, although graduate education has scarcely changed, more than half of new Ph.D.s in science or engineering are now employed in business."

In addition to Booth and Merten, panelists include Dolf DiBiasio, director of McKinsey & Company; Arati Prabhakar, director of the National Institute of Standards and Technology, U.S. Department of Commerce; and Sheila Tobias, co-author of *Re-thinking Science as a Career*.

Otter project *continued from page 5*

Once common through much of North America, the river otter (*Lutra canadensis*) suffered declines due to the popularity of its thick and lustrous fur. Otter was believed to be the most durable of native American furs. Pelts were widely exported in the 19th century when river and sea otter were the favorite furs of Chinese mandarins and the Russian nobility, according to William J. Hamilton Jr., the late professor of zoology at Cornell, who described the otters in his guidebook, *Mammals of the Eastern United States*.

Today, a legally trapped otter pelt brings \$50 to \$60, the DEC's Gotie reported. The River Otter Project is paying trappers in the Adirondacks and Catskills, the only areas of the state with legal trapping seasons, about

\$400 for each living otter.

Support is building for the repopulation project throughout the state, including at the university, where several staff members volunteer on behalf of the Otter Project. Also on hand at the Seneca River release site on Oct. 5 were members of the Homer High School Environment Club. They are selling T-shirts and ball caps to raise money and "sponsor" an otter.

For the Cornell students, the River Otter Project is a good opportunity to work with a species that is rarely seen in veterinary practices, said Kollias, who is the Jay Hyman Chair in Wildlife Medicine at the college. At the top of their aquatic food chain, river otters eat frogs and tadpoles, crayfish and their

favorite meal, trout. Otters usually consume the fish tail-first, probably to disable their prey from swimming, Kollias said.

"We don't know nearly enough about the biology and health problems of river otters, so this is a chance to learn a great deal that may help maintain healthy populations," the wildlife veterinarian said. "Also, I'm learning more than I ever wanted to know about cutting up fish."

A herd of television camera people and press reporters greeted the two young otters on a damp Thursday morning as the anxious animals nuzzled the doors of their travel cages. Across the river is Howland Island, a state wildlife preserve, while nearby is an unusual habitat, one of the few inland salt

marshes in the United States.

Scurrying down the river bank, the otters had a few seconds of on-camera fame before ducking under water and disappearing. "They can swim a quarter-mile without coming up for air," Gotie said.

Overhead, Canada geese surveyed the terrain for a safe landing site. Then another animal that has benefited from conservation efforts, a bald eagle, appeared and circled near the release site.

"Do otters have any natural enemies?" one worried reporter asked.

"Only man," Gotie said.

Just then, one of the otters resurfaced, scanned the river banks and, with a determined swim stroke, headed west.

United Way is our local Red Cross' largest donor

During the Cornell United Way Campaign 1995, the Chronicle will highlight various area agencies and programs that receive United Way support.

By Darryl Geddes

The American Red Cross is busiest when tragedy strikes.

The devastation wrought by recent hurricanes Marilyn – which caused millions of dollars in damage in the U.S. Virgin Islands – and Opal – which battered much of the South – has kept disaster relief volunteers working full time.

The local chapter of the Red Cross recently sent a handful of area volunteers to the front lines to assist those in need in rebuilding their homes and lives. About a dozen calls to the chapter last month were from people trying to locate friends and family in these weather-beaten areas.

"We help bring peace of mind to some people who haven't heard from friends or family," said Cameron Mills, director of emergency services for the Tompkins County chapter of the American Red Cross. "Our contacts can help get the word back that everyone is safe."

But the American Red Cross doesn't reserve its resources and beneficence only for victims of disasters; those suffering personal tragedies, right here in the community, also receive support from the agency.

The local chapter's Homeless Prevention Services, launched in early 1994, has made great strides in keeping people off the streets and in their own homes.

Last December, the success of the agency's progressive programming help put

its nine-bed shelter out of business.

"The program seeks to prevent someone from becoming homeless in the first place," said Laura Petri, an administrator for the program. Petri earned a bachelor's degree in 1991 in human services from Cornell.

Petri said a case manager works with clients, landlords and social service agencies to circumvent an eviction or some other action that would leave an individual homeless. The case manager, she said, tries to make all parties understand that putting someone on the streets is not the best solution for anyone involved.

"By reaching out and making contact before a person is evicted or left without a place to stay, we hope to show that homelessness can be avoided in many cases," Petri said.

The local Red Cross also operates the Friendship Center, at 318 West State St. The daytime drop-in center has a

comfortable living room setting, providing respite for people living on the streets. Along with a free cup of coffee, officials serve up information on how people can make tough times easier and maybe turn things around.

The United Way is the American Red Cross' largest donor. Last year the United Way, through donations from the community, allocated more than \$150,000 to the Red Cross to support its Emergency Shelter, Preventive Services Program, disaster assistance, blood services – including blood-mobility and blood drives – and health and safety education programs.

If you have questions regarding the Cornell United Way Campaign 1995, contact either your division deputy or Rhonda H. Velasquez in the Cornell United Way office at 255-6418 or <rhv2@cornell.edu>.



Frank DiMeo/University Photography

Cornell's United Way Campaign 1995 Chairman Alan G. Merton, dean of the Johnson Graduate School of Management, stands with members of his campaign cabinet, Donna Green, left, co-chair of the Livermore Society, and Rhonda Velasquez, assistant to the campaign chair, beside the newly constructed pledge thermometer near Teagle Hall.

Chimesmasters had the bells ringing during Rawlings' first visit

By Gaston Ceron '96

The Cornell orientation experience may be officially over for most freshmen, but it continued last week for Cornell's new president.

On Oct. 3, Hunter Rawlings was given a first-hand introduction to one of the university's oldest and proudest traditions, as he toured McGraw Tower and the Cornell Chimes collection.

The tour was organized by the Cornell Chimes staff and David Yeh, assistant vice president for student and academic services. It began with a slow climb up McGraw Tower's 161 steps. Along the way Kate Henderson, chimes assistant, pointed out the tower's various features, including the museum and the practice room. Upon reaching the top of the tower, Rawlings caught his first look at its spectacular view of the campus and the surrounding countryside. "That's terrific," he said.

The president was then treated to the 1:10 p.m. chimes concert by student chimesmasters. Chimesmasters play daily concerts during the school terms. Displaying almost acrobatic coordination of efforts on this day, the chimesmasters played solos, duets and pieces in which several players shifted in and out. The 15-minute concert

featured several of the chimesmasters' favorite pieces and closed with a spirited rendition of the alma mater.

Although the quarter-hour tune, played every 15 minutes, is normally operated by computer, sometimes it's played manually during a chimes concert. Rawlings was offered the opportunity to play the quarter-hour tune at 1:15, and he accepted the challenge with gusto. Yeh then played the 1:30 bell.

"They played like naturals," said grad student and chimesmaster Duane Barber.

After the conclusion of the concert, Rawlings visited the Cornell Chimes office, managed by Henderson, and was presented with several souvenirs by the staff: a chimes T-shirt, a recording of the chimes, a commemorative book that outlines the history of the chimes and a cut-out replica of McGraw Tower.

The chimes tradition at Cornell began with a gift of nine bells to the university in 1868 for its first presidential inauguration and opening ceremony. The bells were donated by Jennie McGraw, daughter of trustee John McGraw and later wife of Cornell's first librarian D. Willard Fiske.

They were played at that first inauguration and have been an integral part of campus life ever since. Forged in the Old Meneely Foundry in Watervliet, N.Y., the bells were housed

first in a temporary wooden structure and then were moved to the tower in McGraw Hall in 1872. They were installed in their current home, in the newly constructed Library Tower (renamed McGraw Tower in 1961) in 1891.

Through the years, 10 additional bells were added and one was replaced from the original nine – with the heaviest weighing 4,830 pounds and the lightest 203. They make up the largest chime instrument in North America and the oldest continuously played set of bells on an American college campus.

An extensive renovation project has been planned for McGraw Tower, and during the construction work, the chimes may be removed and tuned, Yeh said. According to Chimes Adviser Robert Feldman '66, the bells have never been tuned, and the passing of time, and the addition of new bells, has made the tuning problem more noticeable. The renovation may begin as early as next summer, Yeh said.

Last week, the chimes staff expressed pleasure with Rawlings' visit. "It was so nice to see him take an interest in the chimes tradition," said head chimesmaster Jennifer Courtley '96.

Rawlings also was impressed. He said the chimes tradition is "another indication of the energy and enthusiasm that characterize Cornell students."

Fall is best for radon testing, and Cooperative Extension can help

By Blaine Friedlander

An odorless, tasteless and invisible radioactive gas may be the culprit for up to 30 percent of deadly lung cancer cases in non-smokers. It also is this country's second-leading cause of lung cancer. Homeowners or renters who want to test their dwelling for radon gas are just \$7 away from peace of mind, according to Cornell Cooperative Extension associates.

"Fall is the time of year when people are closing up their houses to save heat. When

the windows are closed and your house is sealed, that is the time to test for radon gas," said Elliot Schrank, Cornell extension associate in environmental analysis. "Radon is very site-specific, while your neighbor might not have traces of radon gas, you might."

Cornell Cooperative Extension, in cooperation with the National Safety Council, Consumer Federation of America and the Environmental Protection Agency, has an easy way to order a radon testing kit. Coupons for ordering the \$7 radon test kit are available from your local Cornell Coopera-

tive Extension office.

Traces of uranium form the radon gas that seeps from the ground into sealed houses. Radon tests may easily reveal the amount in a home. If the evaluation notes more than four picocuries per liter, Schrank recommends taking action. He said that radon gas enters the home mainly through cracks or spaces that allow air to penetrate indoors. "The only way to know for sure whether radon is present is by testing in a house where the windows and doors are shut," he said.

Radon may be attributed to more than 14,000 deaths and up to 30 percent of lung cancer deaths among non-smokers, according to a study published in June by the *Journal of the National Cancer Institute*.

Mitigating radon gas is often easy and inexpensive. "You could increase the home's ventilation, cover exposed dirt the house may be resting on, and seal cracks in the home's construction," he said. EPA certified mitigation contractors may install radon reduction systems that could take as much as 99 percent of the gas away.

What a day!

On Saturday, Oct. 7, the Cornell community got the best of both worlds during Employee and Family Day: The food served up in Barton Hall was plentiful, and the football - won by the Big Red 28-27, in dramatic fashion over Harvard - was satisfying. Oh yes, and the weather was perfect.

Photographs by Frank DiMeo



Enjoying the football game are Mildred Warner, associate director of the Community and Rural Development Institute, with Eleanor Pratt, 3, who attends Cornell Nursery School.



Inge Reichenbach, acting vice president for public affairs, leans into a post-football game conversation at Barton Hall.



Employee-elected trustee Franklin Henry, area manager of dining services for Campus Life, also was coordinator of Employee and Family Day.



Elizabeth Rawlings, center, joined her husband President Hunter Rawlings and other top administrators on the food-service line Saturday.



David Poland, editor at Media Services for the Cooperative Extension News Service, shows his pleasure with the Big Red's performance.

Research programs *continued from page 6*

come from, and examine changes in the global carbon dioxide cycle.

"The third one will measure heavy elements, like strontium. This helps determine whether low levels of calcium are affecting the productivity of the world's forests. Pollution levels of calcium in the atmosphere are going down in the Northern Hemisphere, which may constrain tree growth.

"We intend for this to be a national facility, one of about four in the country,"

Howarth said.

Housed in Snee Hall, the lab will be beneficial to a wide range of researchers, Howarth said. "It's a magnet that gets us talking across boundaries and lets us discover new intellectual possibilities as well. Ecologists and geologists are at different ends of the campus, but this really brings us together."

The E-beam lithography machine at the nanofabrication facility will be state-of-the-art, using industry-standard sized wafers for

manufacturing. E-beam lithography is used to make chips for electronics, such as those in computers and other consumer electronics products.

Another grant coming to Cornell through this program will help link a consortium of supercomputing centers around the country. The Cornell Theory Center will help develop the infrastructure necessary to link four national supercomputing centers for teraflops computing - a computer that can

do 1 trillion floating point operations per second. These NSF-funded centers - at Cornell, San Diego, Pittsburgh and Illinois - will develop their own infrastructure so that, operating together, they can provide teraflops computing capabilities to solve what the federal government has termed "Grand Challenges" in research. Those problems include areas of general relativity, cosmology, molecular dynamics and quantum chemistry.

Arts Council presents Cornell's third Fall Arts Festival

October is the month to discover the diversity of the arts at Cornell. The third annual Fall Arts Festival features performances, exhibitions, concerts, films, readings and special features—a design show on the Ag Quad, "Place, Space, Void," and a forum with alumni artists. The Fall Arts Festival is sponsored and coordinated by the Cornell Council for the Arts.

"The Fall Arts Festival celebrates the eclectic and varied arts programs and endeavors that make Cornell's quality of life so rich," said Anna Geske, executive director of the Council for the Arts. "There is something for everyone and every taste, whether it be clas-

sical music, international films, compelling drama or intellectual discourse."

Highlights include the staging of Anna Deavere Smith's powerful play *Fires in the Mirror: Crown Heights, Brooklyn and Other Identities* (Oct. 19-28, 8 p.m., Center for Theatre Arts); a poetry reading by Cornell alumna Alice Fulton (Oct. 26, 8 p.m., 115 Tjaden Hall); exhibitions in the Johnson Museum of Art, which feature a day devoted to exploring the arts of India (Oct. 21); and a performance by the St. Paul Chamber Orchestra (Oct. 28, 8:15 p.m., Bailey Hall).

"Place, Space, Void," a student project in its third year features the collaborative

efforts of students in the Design and Environmental Analysis and Landscape Architecture programs. The work will be constructed on the Ag Quad and will explore concepts of space. Public review of the project is set for Friday, Oct. 13, at 1:30 p.m. The work will remain on display through the weekend.

"Art After Cornell," a public forum featuring five alumni artists, will be held Oct. 19 at 4:30 p.m. A printmaker and film producer who head their own companies, a composer, and professors of art history and architecture will discuss questions now facing the various disciplines in the arts.

Lectures scheduled during the Fall Arts Festival will bring a bevy of noted speakers to campus, among them architects Catherine Ingraham and Sarah Graham, painter Rafael Ferrer, filmmaker Tim McCann, composers William Kraft and Robert Palmer, theatre innovator and Tony-nominated lyricist Robert Wilson and radio correspondent Michael Goldfarb.

The Council for the Arts Fall Arts Festival is funded in part by the Bruce and Judith Eissner Endowment for the Arts and The Golden Fund: Images and Society.

For information contact the Council for the Arts, 310 Sage Hall, or call 255-7161.

Highlights of Cornell's 1995 October Arts Festival

Architecture

Eric Owen-Moss, architect
Lecture • 115 Tjaden Hall • 24 • 7 p.m.

Sarah Graham, architect
Lecture • 115 Tjaden Hall • 31 • 7 p.m.

Creative Writing

Cherríe Moraga, poet and playwright
Latino Studies Conference • Memorial Room, WSH • 14 • 1 p.m.

Robert Morgan, poet, novelist, author of *The Truest Pleasure*. Reading/signing
Campus Store • 19 • 2 p.m.

Alice Fulton, poet, author of *Sensual Math Poems*, MacArthur award, M.F.A. Cornell
Poetry Reading • 115 Tjaden Hall • 26 • 8 p.m.

Design

"Place, Space, Void"
Landscape Architecture and Design and Environmental Analysis students
Constructed: 13-16 • Review Day: 13 • Agriculture Quad

Film

(Non)Fiction Film and the Ethnographic Imagination:

Las Hurdes; Unsere Afrikareise; Letter from Siberia • 17

A Song of Ceylon • 24

Jaguar • 31

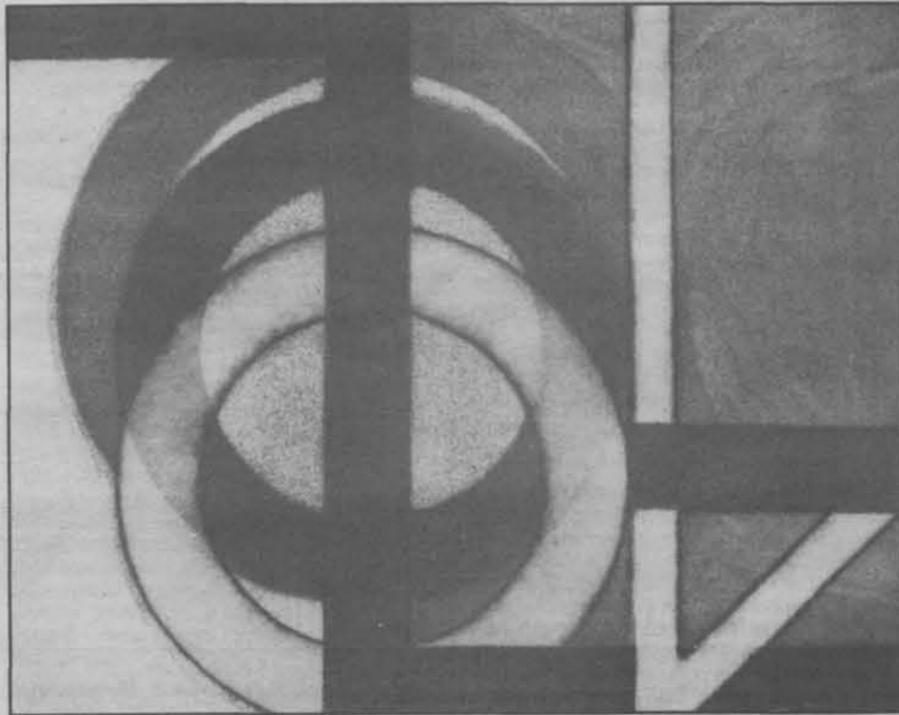
Cinema Off-Center • Center for Theatre Arts • 7:30 p.m.

Music

Jim Matheson lectures on the music of Stephen Albert
301 Lincoln Hall • 13 • 1:25 p.m.

After Eight — A Capella Chorus
Concert • Barnes Hall • 14 • 8:15 p.m.

Cornell Jazz Ensemble
Concert • Johnson Museum • 15 • 3-5 p.m.



"Alchemy of Meaning" is a work by Janine Wong, who will participate in an alumni artist forum Oct. 19.

Pamela and Claude Frank, violin and piano
Statler Concert Series • 16 • 8:15 p.m.

Elizabeth Anker and Eda Shlyam
Concert • Barnes Hall • 19 • 8:15 p.m.

Cornell Musica Nova. Edward Murray, conductor. Robert Palmer's *Of Night and the Sea* and other works
Concert • Barnes Hall • 20 • 8:15 p.m.

Guest composer Robert Palmer
Forum • 301 Lincoln Hall • 20 • 1:25 p.m.

Blaise Bryski, fortepiano: Clementi and Beethoven • Barnes Hall • 21 • 8:15 p.m.

Chakavak Ensemble: Persian Classical
Concert • Barnes Hall • 22 • 4 p.m.

Cornell Contemporary Chamber Players
Works by William Kraft and Anthony Davis
Concert • Barnes Hall • 27 • 8:15 p.m.

Guest composer William Kraft
Composers Forum • 301 Lincoln Hall • 27 • 1:25 p.m.

Saint Paul Chamber Orchestra.
Bailey Hall Concert Series • 28 • 8:15 p.m.

Dance, Music, Painting Trilogy by Francis Koh; Steven Murphy, piano • Performance
Art • Barnes Hall • 29 • 2 and 4 p.m.

Theater

Fires in the Mirror, a play by Anna Deavere Smith. Guest director Benny Sato Ambush
Performance • Center for Theatre Arts • 19-29 • 8 p.m.

Theater legend Robert Wilson on his life.
Proscenium Theatre, CTA • 22 • 7 p.m.

"Shades of Gray: The Benefits and the Problems of Market Forces in British Television and Theatre," Michael Goldfarb, radio and television correspondent
Lecture • Goldwin Smith D • 30 • 4:30 p.m.

Visual Arts

Rafael Ferrer, painter, Council for the Arts visiting artist-in-residence in the Department of Art, 16-23
Lecture • 115 Tjaden Hall • 17 • 5:15 p.m.

"The White Man's Burden" and Millet's "Primitive Peasant" in Post-Civil War America," Professor Laura Meixner
Visual Culture Colloquium • A.D. White House • 18 • 5 p.m.

"A Passage to India"
Guest artist Deepak Pareek, light classical/folk singer; Indonesian Gamelan music
Public Program Day • Johnson Museum • 21 • noon-4 p.m.

"Art in Bloom: Botanical Illustration Exhibition" • Johnson Museum of Art • opens 17
Akira Kurosaki
Ukiyo-e Prints and Woodblocks
Exhibitions • Johnson Museum • opens 28
Opening Reception • Johnson Museum • 28 • 5-7 p.m.

Five alumni artists will hold forum on 'Art After Cornell' Oct. 19

Cornell alumni artists will discuss "Art After Cornell" at a forum Oct. 19 from 4:30 to 6:30 p.m. in Kaufmann Auditorium of Goldwin Smith Hall as part of Cornell's Fall Arts Festival. The forum, sponsored by the Cornell Council for the Arts, is free and open to the public.

Alumni participating are composer Elizabeth Alexander, film producer and writer Peter Argentine, art historian Gerar Edizel, printmaker Andrew Mockler, and architect and designer Janine Wong. All are past recipients of grants from the Council for the Arts. Moderator is Paula Horigan, professor of landscape architecture at Cornell and a member of the Council for the Arts Program Committee.

The five panelists will present aspects of their work focusing on the influences, directions and questions in conceptualizing and making their art; the origins of their ideas; and the process of carrying them out. Presentations will be followed by a panel discussion on the most important questions now facing the various disciplines in the arts.

Ithaca resident Elizabeth Alexander received both her master's and D.M.A. ('87) from Cornell. Her compositions have been performed by the Wisconsin Chamber Orchestra, the Wooster Symphony Orchestra, The Music Fix and many choirs, including



Alexander



Edizel



Mockler



Wong

the American Master Chorale and the Madison Festival Choir. She currently is composing works for the Central Wisconsin Symphony Orchestra and the early music ensemble, Cecilia's Circle.

Peter Argentine '77, who heads Argentine Productions in Pittsburgh, has nearly 20 years of experience in television and film production. He has written and produced numerous award-winning television programs for national broadcast on public television on subjects ranging from science and natural history to cultural issues and public affairs. Currently, he is working on a program about Benjamin Franklin for the Discovery Channel's "Rediscovering America" series hosted by David Hartman.

Gerar Edizel, who holds an M.F.A. in studio art from Southern Illinois University and a B.F.A. in design from the State

Academy of Applied Fine Arts in Istanbul, studied art history at Cornell, where he received an M.A. ('87) and Ph.D. ('95). Edizel, now assistant professor in the Division of Art History at the New York State College of Ceramics at Alfred University, has interest in the sources and processes of artistic creativity lecturing on such topics as "How Did Art Become History? The Self-Portrait of the Artist as a Monkey."

Andrew Mockler (B.F.A. '86) is director and master printer of the fine art print publisher Jungle Press Editions Ltd. in New York City. He is co-director of The New Provincetown Print Project, Fine Arts Work Center in Provincetown where last summer he was an instructor in a monotype and etching workshop. Until 1993, Mockler was a lecturer in painting and printmaking at the Yale University

School of Art where he received his M.F.A. in 1990. Among Mockler's numerous exhibitions are those at the Julie Heller Gallery in Provincetown.

Janine Wong (B.Arch. '80), who received an M.F.A. in 1984 from Yale University, is assistant professor in the College of Visual and Performing Arts at the University of Massachusetts. She has worked on project designs with architectural firms in Boston and taught at the Boston Architectural Center, Yale University, Portland School of Arts and Tufts University. She was awarded the 1994 New England Foundation for the Arts Fellowship Award in the artists' books category.

Panel moderator Paula Horigan (M.A. '85) is a landscape architect and assistant professor in the Landscape Architecture Program at Cornell. She teaches design and drawing studios; her cultural interests include cultural landscapes, public art, site and design representation, and visual books. Horigan, a visiting studio critic at Rhode Island School of Design (RISD), has collaborated with Margaret McAvin, a professor at RISD, on projects such as the Olin Library terrace at Cornell and the Waterfront Park for Watkins Glen. In 1991 Horigan received the Award of Distinction from the Council of Educators in Landscape Architecture.

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pre-enrollment course selections and then receive an electronic "adviser key" (password) from the chairperson or graduate field office. There are no course pre-enrollment paper forms to be filed with the Graduate School. As in the past, during the first three weeks of the spring semester course "add and drop" can be done.

Dissertation and thesis seminars will be held in the Morison Seminar Room, Corson/Mudd Hall, 2 p.m., Monday, Oct. 16, for master's theses and Tuesday, Oct. 17, for doctoral dissertations. The thesis adviser will discuss preparing and filing theses and dissertations; students, faculty and typists are encouraged to attend.

Course changes: There is a \$10 charge for adding each course. Courses may be dropped or credit hours or grading options may be changed through Oct. 14 without penalty. After Oct. 14 a petition is needed to drop a course or to change grading options or course credit. A course dropped after Oct. 14 will appear on transcripts with a "W" (withdrawn). No course may be dropped or changed after Dec. 2.

Fellowships for 1996-97: Applications are available now in the Graduate Fellowships Office, Sage Hall, for:

Hertz Graduate Fellowship. Available to U.S. citizens (or applying for citizenship) in the applied physical sciences. Award is \$17,000 stipend plus \$12,000 tuition, renewable; Cornell provides remainder of tuition. Deadline is Oct. 20.

National Science Foundation Graduate Fellowships and NSF Minority Graduate Fellowships. Applicants for these three-year awards must be U.S. citizens and incoming students in the biological, physical or social sciences. Annual stipend of \$14,400, tuition payment of \$8,600; Cornell provides remainder of tuition. Deadline is Nov. 6.

Howard Hughes Medical Institute Pre-Doctoral Fellowships in the Biological Sciences. Annual stipend of \$14,500 and \$14,000 cost-of-education allowance; five year award. Deadline is Nov. 3.

Ford Foundation Predoctoral Fellowships for Minorities. Award of \$12,000 stipend plus \$6,000 tuition, renewable up to three years. Cornell provides remainder of tuition. No more than 30 semester hours of graduate study. Dissertation level fellowships with higher stipends are also available. Deadline is Nov. 3.

Applications are available now in the World Area Programs offices for:

Fulbright Hays Fellowship. Completed applications due Oct. 13 in Graduate Fellowships Office.

Degree requirement: To receive a graduate degree, students must have the final transcript on file with the Graduate School showing the conferral date of their undergraduate degrees. If your graduate application for admission was made before the conferral of your undergraduate degree and you have not had a later copy sent, check with the Graduate Records Office, Sage Graduate Center, to ensure that your final undergraduate transcript is in your file.

MUSIC

Department of Music

Oct. 19, 8:15 p.m., Barnes Hall: Contralto Elizabeth Anker will give a recital with pianist Eda Mazo-Shlyam. The program includes five songs by Robert Schumann, as well as his *Davidbundlertanze*, Douglas B. Johnson's *Songs of Time, of Love, of Wonder*, three songs by Clara Schumann; Ned Rorem's *Tears*; Charles Ives' *Watchman*; Ruth Crawford Seeger's *White Moon*; Charles Griffes' *La Fruite de la Lune*; Leonard Bernstein's *Jupiter Has Seven Moons*; and *Vier Lieder eines fahrenden Gesellen* by Gustav Mahler.

The warmth and richness of Anker's contralto are wonderfully suited to the songs of Mahler, Schumann and Brahms, and her delivery of text makes her an ideal lieder and song performer. With a range of experience from Medieval chant to premieres, she has been praised for her ability to bring out the intricacies of a sophisticated song and to know how to let a simple hymn speak for itself.

Pianist Mazo-Shlyam began her career as a soloist with leading symphony orchestras, chamber groups and as a television and radio artist in the former Soviet Union. Currently, she is on the piano faculty at Longy School of Music.

Chamber Music Series

An all-Beethoven program by Pamela Frank, violinist, and Claude Frank, pianist, will open the 1995-96 Chamber Music Series in the Statler Auditorium on Monday, Oct. 16, at 8:15 p.m. Tickets at \$11-\$19 for students and \$13-\$22 for the general public are on sale at the Lincoln Hall ticket office, Monday through Friday, from 9 a.m. to 1 p.m.; or by phone, 255-5144.

Cornell Concert Commission

The Concert Commission presents an evening of alternative pop music Oct. 13 starting at 8 p.m. in Bailey Hall. Opening the night will be Jewel,



Peter Figen

Walkin' Jim Stoltz will bring his unique multimedia show, "Forever Wild," to the Anabel Taylor Auditorium on Oct. 13 and a special children's program, "A Kid for the Wild," on Oct. 14. Check the Music listing for details.

followed by Catherine Wheel and the intriguing music of Belly. Tickets for Cornell students are \$6 and \$8 and are available at the Willard Straight Hall box office. Tickets for the general public at \$10 and \$12 are available at WSH box office, Ithaca Guitar Works or by calling Ticketmaster, (607) 772-7272.

CUSLAR

Rascacielos: Acoustic music from Latin America. \$5 cover to benefit CUSLAR, Oct. 14, 8 p.m., Commons Coffeehouse, Anabel Taylor Hall. Info: 255-7293.

Lab of Ornithology

One of America's foremost folksingers and backcountry travelers, Walkin' Jim Stoltz, on tour from Big Sky, Mont., will bring his unique multimedia show, "Forever Wild," to the Anabel Taylor Auditorium on Oct. 13 at 7:30 p.m. Stoltz also will present his special children's program, "A Kid for the Wild," on Oct. 14 at 1:30 p.m. in the Anabel Taylor Auditorium. The Friday evening concert, sponsored by the Lab of Ornithology and Ecology House, is free and open to the public. Donations to benefit the Lab of Ornithology's local education program will be welcome. Advance tickets for the Saturday kids' concert, sponsored by GreenPath Children's Programs, are available at Greenstar Cooperative Market for \$3 for individuals or \$10 for families. Tickets will be available at the door at \$4 for individuals or \$12 for families. For more information on the "Forever Wild" show, call the Cornell Bird Education Program, 254-2440. For more information on "A Kid for the Wild," call GreenPath at 277-8605.

Bound for Glory

Oct. 15: Jem Moore and Ariane Lydon perform everything from an Old English ballad to a new age tune. The show runs Sunday nights from 8 to 11, with live sets at 8:30, 9:30 and 10:30 p.m. Admission is free and is open to everyone. Kids are always welcome, and refreshments are available. Bound for Glory is broadcast on WVBR-FM, 93.5 and 105.5.

RELIGION

Sage Chapel

Duncan B. Forrester, principal, New College, Edinburgh University, will give the sermon Oct. 15 at 11 a.m.

African-American

Sundays, 5:30 p.m., Robert Purcell Union.

Baha'i Faith

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

Catholic

Weekend Masses: Saturday, 5 p.m.; Sunday, 10 a.m., noon and 5 p.m., Anabel Taylor Auditorium. Daily Masses: Monday-Friday, 12:20 p.m., Anabel Taylor Chapel. Sacrament of Reconciliation, Saturday, 3:30 p.m., G-3 Anabel Taylor Hall.

Christian Science

Testimony meetings sharing healing through prayer and discussion every Thursday at 7 p.m., Founders Room, Anabel Taylor Hall. For more information see <<http://www.msc.cornell.edu/~bretz/cso.html>>.

Episcopal (Anglican)

Sundays, worship and Eucharist, 9:30 a.m., Anabel Taylor Chapel.

Friends (Quakers)

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

Jewish

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

Friday Services: Conservative, 5:30 p.m., Founders Room, Anabel Taylor Hall; Reform, 5:30 p.m., ATH Chapel; Orthodox, Young Israel, call for time, 272-5810.

Saturday Services: Orthodox, 9:15 a.m., One World Room, ATH; Egalitarian Minyan, 9:45 a.m., Founders Room, ATH.

Shemini Atzeret & Simchat Torah Services: Monday: Orthodox, 9:15 a.m. and 7 p.m., One World Room, ATH; Conservative, 6:30 p.m., G-34 ATH, to walk downtown.

Tuesday: Orthodox, 9:15 a.m., One World Room, ATH.

Korean Church

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

Latter-day Saints (Mormon)

Sunday services: Cornell Student Branch, 9 a.m., Ithaca ward, 1 p.m. For information, call 272-4520, 257-6835 or 257-1334.

Muslim

Friday Juma' prayer, 1:15 p.m., One World Room, Anabel Taylor Hall. Daily Zuhr, Asr, Maghreb and Isha' prayers at 218 Anabel Taylor Hall.

Protestant Cooperative Ministry

Sundays, 11 a.m., chapel, Anabel Taylor Hall.

Sri Satya Sai Baba

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

Zen Buddhist

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

SEMINARS

Agricultural, Resource & Managerial Economics

"Imperfect Competition, Data Periodicity and Asymmetric Prices, or, 'It's About Chickens, Right?'" John Bernard, ARME, Oct. 13, 1 p.m., 401 Warren Hall.

Animal Science

"The Role of Livestock in Sustainable Agriculture," Darrell Huddleston, Heifer Project International, Oct. 17, 12:20 p.m., 348 Morrison Hall.

Applied Mathematics

"What's Happening in the Mathematical Sciences: A Sneak Preview of Volume 3," Barry Cipra, freelance mathematics writer, Oct. 13, 3 p.m., B-14 Hollister Hall.

"Structure and Properties of Fiber Suspensions," Donald Koch, chemical engineering, Oct. 17, 12:20 p.m., 708 Rhodes Hall.

Astronomy & Space Sciences

"Antarctic Submillimeter Telescope and Remote Observatory: First Scientific Results From AST/RO," Tom Bania, Boston University, Oct. 12, 4:30 p.m., 105 Space Sciences Building.

Biochemistry

"Notch Signaling: A General Mechanism for Cell Fate Determination," Spyros Artavanis, Oct. 13, 4 p.m., large conference room, Biotechnology Building.

Biophysics

"Single Cell Plasticity," James Eberwine, University of Pennsylvania, Oct. 18, 4:30 p.m., 700 Clark Hall.

Bronfenbrenner Life Course Center

"Non-Academic Careers: How to Get Started," Steven Caldwell, sociology; Stephen Hamilton, human development & family studies; and Richard Schuler, Cornell Institute of Public Affairs, Oct. 17, noon, Faculty Commons, Martha Van Rensselaer Hall.

Chemical Engineering

"Micropipette Aspiration Technique Applied to Studies of Viral Infection and Unique Surfactant Membranes," Margie Longo, chemical engineering, Oct. 17, 3:45 p.m., 165 Olin Hall.

Chemistry

"Exploiting the Inherent Reactivity of Thiols in Synthetic Methods Combining Enzymatic and Non-enzymatic Reactions," Dale Drueckhammer, Stanford University, Oct. 16, 4:40 p.m., 119 Baker.

City & Regional Planning

TBA, James Carr, editor, *Journal of Housing*

Research and Housing Policy Debate, Fannie Mae (HUD), Oct. 13, 12:15 p.m., 115 Tjaden Hall.

Ecology & Systematics

"Hatching Asynchrony in Birds: Constraint or Adaptation?" Steve Beissinger, Yale University, Oct. 18, 4 p.m., A106 Corson Hall.

Entomology

"Timing of Transmission in the Evolution of Virulence: Experimental Studies Using Nuclear Polyhedrosis Virus and Gypsy Moths," Paul Ewald, Oct. 12, 4 p.m., A106 Corson Hall.

"Higher-Level Relationships and Biology in the Ichneumonidae: The 10 percent Solution," David Wahl, Oct. 19, 4 p.m., A106 Corson Hall.

Fruit & Vegetable Science

"Using EndNote to Manage Literature Searches and Citations," Jan Kossowski, fruit & vegetable science, Oct. 12, 4 p.m., 404 Plant Science.

"In a Child's Garden . . . Imagination Grows," Jane Taylor, curator of Michigan 4-H Children's Garden, Oct. 19, 4 p.m., 404 Plant Science.

Genetics & Development

"Maize Sex Determination: Murder or Suicide?" Stephen Dellaporta, Yale University, Oct. 16, 4 p.m., large seminar room, Biotechnology Building.

"The Search for a Pollen Component of Self-Incompatibility," Amy Casselman, Oct. 17, 12:20 p.m., small seminar room, Biotechnology Building.

Geological Sciences

"Distribution and Redistribution of Rare Earth Elements in Sedimentary Rocks," Scott McClenan, SUNY Stony Brook, Oct. 17, 4:30 p.m., 1120 Snee Hall.

Horticultural Sciences

"Viticulture in Turkey," Gokhan Soylemezoglu, University of Ankara, Oct. 16, 11 a.m., food science conference room, Geneva Agricultural Experiment Station.

Latin American Studies Program

"El Arte de la Narracion Oral en Colombia," Carolina Rueda, romance studies, English translation provided, Oct. 17, 12:15 p.m., 153 Uris Hall.

Materials Science & Engineering

"Reactive Hot Compaction of Intermetallic Composites and Functionally Graded Materials," Reza Abbaschian, University of Florida, Oct. 12, 4:30 p.m., 140 Bard Hall.

Mechanical & Aerospace Engineering

"Project Management - Dealing With Uncertainty," Robert Dean, president, Deanco, Oct. 12, 4:30 p.m., 155 Olin Hall.

Microbiology

"Herpes Simplex Virus Genes in the Genome Domain Transcribed During the Latent State," Bernard Roizman, University of Chicago, Oct. 13, 12:15 p.m., Boyce Thompson Auditorium.

Neurobiology & Behavior

"Patterning of Muscle and Nervous Tissues in the Moth *Manduca sexta*," Ron Booker, neurobiology & behavior, Oct. 12, noon, A106 Corson Hall.

"Functional Organization and Development of the *Drosophila* Flight Initiation System," Anne Schneiderman, neurobiology & behavior, Oct. 19, 12:30 p.m., A106 Corson Hall.

Ornithology

"The All Singing, All Dancing Albert's Lyrebird Lek!" Darryl Jones, Griffith University, Brisbane, Australia, Oct. 16, 7:30 p.m., Fuertes Room, 159 Sapsucker Woods Road.

Peace Studies Program

"Culture and War: The Home Fronts of the Balkan Conflict," Valere Gagnon, visiting fellow, Oct. 12, 12:15 p.m., G-08 Uris Hall.

Pharmacology

"Endocrine Integration of Pituitary-Specific Gene Expression Requires Map Kinase," Mark Roberson, physiology, Oct. 16, 4:30 p.m., G-3 Veterinary Research Tower.

Physiology

"Pulmonary Locomotory Interactions in Exercising Quadrupeds," Oct. 17, 4 p.m., Vet Research Tower.

Plant Biology

"Embryo-Defective Mutants of Arabidopsis," David Meinke, Oklahoma State University, Oct. 13, 11:15 a.m., 404 Plant Science Building.

Plant Breeding

"Looking Ahead After 58 Years as a Plant Breeder," Henry Munger, plant breeding, Oct. 17, 12:20 p.m., 135 Emerson Hall.

Plant Pathology

"My 45-year Love Affair With Tobacco Mosaic Virus," Milt Zaitlin, plant pathology, Oct. 17, 3 p.m., A133 Barton Laboratory, Geneva Agricultural Experiment Station.

Psychology

"Science as Golem: Examples From the Long

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History of the Search for Solar Neutrinos and the Short History of Cold Fusion," Trevor Pinch, science & technology studies, Oct. 13, 3:30 p.m., 202 Uris Hall.

Science & Technology Studies

"Lest We Remember: Organizational Memory and Knowledge Production," Geoffrey Bowker, University of Illinois, Oct. 16, 4:30 p.m., 609 Clark.

South Asia Program

"Trade Liberalization: Integrating India Into the World Economy," J. Roy, World Bank, Oct. 17, 11:40 a.m., 121 Rockefeller Hall.

"The Criminalization of the State and Communal/Ethnic Conflict in India," Asghar Ali Engineer, chairman, Centre for Study of Secularism & Society, and Ekta Samiti, vice president, Peoples Union of Civil Liberties, and director of the Institute of Islamic Studies, Oct. 18, 12:15 p.m., G-08 Uris Hall.

Statistics

TBA, Anirban DasGupta, Purdue University, Oct. 18, 3:30 p.m., 100 Caldwell Hall.

Textiles & Apparel

"Treatment of Pesticide Rinsates in a Photoassisted Electrochemical Fenton System," Brian Roe, environmental toxicology, Oct. 19, 12:20 p.m., 317 Martha Van Rensselaer Hall.

Wildlife Science

"Wolf Reintroduction Into Yellowstone National Park," Edward Bangs, U.S. Fish and Wildlife Service, Montana, Oct. 12, 3:35 p.m., 304 Fernow.

SYMPOSIUMS

Latino Studies Program

A conference, "El Frente: U.S. Latinas Under Attack and Fighting Back," will be held Oct. 13 and 14 in Noyes Center. Presentations will be given by: Maria Lugones, SUNY Binghamton; Juanita Ramos, SUNY Binghamton; Yvonne Yarbro Bejarano, Stanford University; and Lillian Jimenez, founder of Paul Robeson Fund for Film and Video. The keynote address will be given by Cherrie Moraga, Chicana poet and playwright, on Oct. 14 at 10:30 a.m. in Noyes Center.

Nutritional Sciences

To recognize the 12th annual World Food Day, a three-hour teleconference, "Fighting Hunger: Looking Back, Looking Ahead," will be aired Oct. 16 from noon to 3 p.m. in the Faculty Commons on the first floor of Martha Van Rensselaer Hall. Viewing of the teleconference is free and open to the public.

Women's Studies

A panel discussion on "Women on the Academic Job Market" will be held Oct. 18 at 7:30 p.m. in G-08 Uris Hall. Panelists include: Anne Adams, Africana studies; Nina Bassuk, horticulture; Nelly Furman, romance studies; Cybele Raver, human development and family studies; and Anna Marie Smith, government.

theater

Theatre Arts Department

"Fires in the Mirror: Crown Heights, Brooklyn and Other Identities" will be presented Oct. 19-22, 25-28 at 8 p.m., 22 and 29 at 2 p.m. in the Class of '56 Flexible Theatre. Tickets are \$6 and \$8. Call 254-ARTS for information. A post-performance discussion will be held Oct. 25 and 26. A searing look at two cultures living in Crown Heights, Brooklyn, in 1991. A young black child is killed when a Hasidic man's car jumps a curb. A Hasidic Rabbinical student is stabbed and killed in retaliation. The ensuing riots wracked a community previously praised for its atmosphere of tolerance and diversity. Guest director Benny Ambush forces audiences to examine their own prejudices and tolerances within an atmosphere of hope.

miscellany

Alcoholics Anonymous

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

day evenings at 5 p.m. in Anabel Taylor Hall. For more information call 273-1541.

Emotions Anonymous

This 12-step group that helps people deal with emotional problems meets on Sundays at 7:30 p.m. and Tuesdays at 8 p.m. at the St. Luke Lutheran Church, 109 Oak Ave., Collegetown. For more information call Ed/Karen at 273-5058.

Flu Shots

Influenza vaccine will be offered again this fall by the University Health Services. Twelve clinics have been scheduled during October and November. Vaccine for 1,500 people will be available on a first-come, first-served basis only during clinics. Cornell students and their spouses, faculty and staff members are eligible to attend. Morning clinics will be held in the main lobby of Gannett Health Center on Oct. 17, 19, 20, 24, 26, 27, 31 and Nov. 3 from 8:30 to 11:30 a.m. Afternoon clinics will meet from 1:30 to 4 p.m. on Oct. 25, 27 and Nov. 2 and 3. A fee of \$10 will be charged. Payment can be made by cash, check, bursar, Mastercard, VISA or Discover. While the Cornell Student Health Plan does not include coverage for flu vaccine, other insurance plans may; individuals should contact their plans for further information. For further information, call Gannett Health Center at 255-4082.

Lunchtime Meditation

For beginner through experienced meditators, health educator Nanci Rose will give instruction in various techniques every Wednesday from 12:15 to 1 p.m. in the North Room of Willard Straight Hall. Open to all faculty and staff and sponsored by the ALERT Peer Education Program. For information, call Gannett at 255-4782.

Noontime Aerobics/Fitness Classes

Come get in shape, relax and release tension Monday through Friday, 12:10 to 12:50 p.m. in the Multipurpose Room of the Field House. The fee is \$45 per semester. For information call 387-5726.

Trustee Meetings

The Cornell Board of Trustees will meet in open session Oct. 13 at 2 p.m. in the Johnson Museum of Art. A limited number of tickets are available at the Information and Referral desk in the lobby of Day Hall. Other committees meeting in open session on Oct. 12 in the Statler Hotel are: Buildings and Properties Committee, 7:30 a.m., Yale-Princeton Room; Committee on Academic Affairs and Campus Life, 9:30 a.m., Taylor Salon; and the Committee on Land Grant and Statutory College Affairs, 11:30 a.m., Pennsylvania Room, Statler Hotel. Tickets are not required for the committee meetings.

Writing Workshop's Walk-in Service

Free tutorial instruction in writing.
• 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.
• RPCC, Conference Room 3, Sunday through Thursday, 8 to 11 p.m.
• 320 Noyes Center, Sunday through Thursday, 8 to 11 p.m.

sports

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

Men's Cross Country (1-1)

Oct. 15, National Invit. at Penn State

Women's Cross Country (2-0)

Oct. 15, National Invit. at Penn State

Field Hockey (6-4)

Oct. 15, PENNSYLVANIA, 1 p.m.

Football (3-1)

Oct. 14, BUCKNELL, 1 p.m.

Lightweight Football (2-0)

Oct. 13, at Navy, 7:30 p.m.

Men's Golf

Oct. 13-14, at Lehigh Invitational

Men's Soccer (6-1-1)

Oct. 14, at Connecticut, 1 p.m.
Oct. 18, IONA, 4 p.m.

Women's Soccer (5-2-2)

Oct. 13-15, at Lanzer/George Mason Tournament

Men's Tennis (0-1)

Oct. 14, ALUMNI GAME (EXHIB.)

Women's Tennis

Oct. 14-15, at ITA Team Qualifier

Volleyball (12-3)

Oct. 13, at Dartmouth, 7 p.m.
Oct. 14, at Harvard, 4 p.m.
Oct. 15, at Siena, 2 p.m.

Conference on Latina feminism seeks to disprove stereotypes

By Darryl Geddes

Cherrie Moraga, the Chicana poet and playwright who co-edited the ground-breaking anthology *This Bridge Called My Back: Writings By Radical Women of Color*, will deliver the keynote address at a conference on "U.S. Latinas Under Attack and Fighting Back," to be held Oct. 13 and 14 in Noyes Center.

Cornell anthropology Professor Vilma Santiago-Irizarry said the proceedings will set the record straight and bring about a greater understanding of the Latina.

"The modern stereotype that Latinas need to be liberated and that they are subordinated within their own culture is just not true. Latinas have a rich history of activism, especially feminist activism," Santiago-Irizarry said. "Unlike the women's movement in the United States, which historically has been dominated by white middle class women, Latina feminism reaches out to all cultures, political groups and economic classes."

Keynote speaker Moraga will make her presentation Oct. 14 at 10:30 a.m. Through the founding of Kitchen Table: Women of Color Press in New York City, Moraga has enabled other women of color to define their own "Third World" feminism.

Moraga's influential voice can be heard through her poetry, dramas and essays. Her affecting language conveys her insights on how race, class, gender and sexuality influence the formation of subjectivity in contemporary U.S. and Chicano society.

Her play writing credits include *Heart of the Earth*, her adaptation of the *Popul Vuh*, the Mayan creation myth, which played in New York's Public Theater; *Giving Up the Ghosts*; and *Heroes and Saints*, which won the Will Glickman Prize and Dramalogue Critics Choice award.

Moraga will be joined at the conference by other noted Latina artists, including:

• Ana Maria Garcia, the acclaimed Puerto Rican filmmaker whose documentary *La Operacion* uncovered a plot by U.S. corporations and the Puerto Rican government to encourage women to undergo sterilization, without discussing the irreversible nature of the operation or birth control alternatives.

World Food Day teleconference is Oct. 16

By Susan Lang

Despite a half century struggle to eliminate hunger from the world, nearly 800 million people — one out of every seven on earth — still suffer "chronic undernutrition," according to estimates of the U.N. Food and Agriculture Organization.

To recognize the 12th annual World Food Day, a three-hour teleconference, "Fighting Hunger: Looking Back, Looking Ahead," will be shown from noon to 3 p.m. on Monday, Oct. 16, in the Faculty Commons on the first floor of Martha Van Rensselaer Hall.

Sponsored by the Division of Nutritional Sciences, viewing of the teleconference is free and open to the public; free refreshments will be available.

Trade Center bombing prosecutor to talk

Henry J. DePippo '81, one of the lead prosecutors in the World Trade Center bombing trial, will speak at 6 p.m. Wednesday, Oct. 18, in the MacDonald Moot Court Room of Myron Taylor Hall.

His appearance is sponsored by the Cornell University Law School's Criminal Justice Society.

DePippo is affiliated with the Rochester office of Niessner, Devans & Doyle as counsel to the firm's Litigation Practice Group and co-chair of its White Collar Defense and Internal Investigation Team.

In addition, DePippo served for six years with the United States Attorney's

The documentary will be shown Oct. 13 at 12:45 p.m. Approximately 35 percent of Puerto Rican women of child-bearing age have been sterilized.

• Ela Troyano, a New York-based, Cuban-born filmmaker whose works, including *Carmelia Tropicana* and *Once Upon A Time in the Bronx*, have garnered rave reviews at film festivals throughout the world. Both films will be screened Oct. 13 from 4 to 6 p.m.

• Lillian Jimenez, who has served on funding panels for the New York State Council on the Arts, the National Endowment of the Arts and the Corporation for Public Broadcasting. As a member of the faculty of the New School for Social Research, she taught "Demystifying Latino Images" and recently co-curated "La Indirecta Directa: Two Decades of Chicano and Puerto Rican Film and Video" for the Whitney Museum in New York.

Scholars who will make presentations include the following:

• Linda Martin Alcoff, associate professor of philosophy at Syracuse University and co-editor of *Feminist Epistemologies* (Routledge, 1993).

• Yvonne Yarbra Bejarano, associate professor of Spanish and Portuguese languages at Stanford University and director of Stanford's Chicano Studies Program.

• Maria C. Lugones, director of the Latin America, Caribbean and U.S. Latino Studies Program at State University of New York at Binghamton.

• Juanita Ramos, assistant professor of sociology, women's studies and Latin American Studies at the State University of New York at Binghamton and author of *Companeras: Latina Lesbians* (Routledge, 1990) and the forthcoming book *Gender, Ethnicity and the State: Latina and Latino Prison Politics*.

The conference is sponsored by the Latino Studies Program, in collaboration with Cornell's College of Arts and Sciences, the provost's office, and numerous other campus organizations, programs and departments.

To obtain a conference schedule, call the Latino Studies Program at 255-3197.

Between 1 and 2 p.m., groups will have an opportunity to develop a question to pose to the conference panelists.

The program, to be broadcast to more than 1,000 sites across the United States and throughout the Western Hemisphere and Africa, will consist of a discussion on the world hunger situation by an international panel of experts.

World Food Day, which began in 1981 and marks the founding of the FAO, is now observed in more than 150 countries. Organized by the U.S. National Committee for World Food Day, a coalition of more than 450 private voluntary groups, the teleconference is also support by FAO, the U.S. Agency for International Development and the U.S. Information Agency.

Office, Southern District of New York, where, as senior trial counsel, he was responsible for the investigation and successful prosecution of the suspects in the terrorist bombing of the World Trade Center on Feb. 26, 1993, which killed six people and forced the temporary shutdown of the complex.

In 1994, DePippo earned the highest honor bestowed by the Department of Justice: the Attorney General's Award for Exceptional Service.

He holds a bachelor's degree from Cornell and a juris doctorate from Georgetown University Law Center.

CALENDAR

October 12 through October 19

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

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

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

dance

Cornell International Folkdancers

Open to the Cornell community and the general public. All events are free unless noted. Beginners are welcome. No partner necessary. For information, contact Edilia at 387-6547.

Oct. 15, North Room, Willard Straight Hall: teaching to be announced, 7:30 p.m.; open dancing and requests, 8:30 p.m.

Israeli Folkdancing

Thursdays, 8 p.m., Edwards Room, Anabel Taylor Hall.

exhibits

Johnson Art Museum

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

- "Light and Shadow: Mezzotints From the 17th Century to the Present," through Oct. 14.
- "Cornell Art Department Faculty Exhibition," through Oct. 15. This annual exhibition is a wide-ranging exploration of the great variety of visual expression currently being produced at Cornell.
- "Augustus Vincent Tack: Landscape of the Spirit," through Oct. 22.
- "Indian Miniatures and Photographs," through Oct. 22.
- "African Art From Cornell Collections," through Oct. 22.
- "The Marquess Collection of American Medals," through Nov. 5.
- Sunday Afternoon Artbreaks: "Chinese Characters: On Bone, Bronze, Silk and Computer" with Charles Wivell, University of Rochester, Oct. 15, 2 p.m.
- 12 O'Clock Sharp: Thursday noontime gallery talks: "Indian Miniatures" with Stanley O'Connor, professor of history of art, Oct. 19.

Cornell Library

"Paper, Leather, Clay & Stone: The Written Word Materialized," through Dec. 1, Kroch Library, Monday through Friday, 9 a.m. to 5 p.m.; Saturday, noon to 5 p.m.

Hartell Gallery

Judith York Newman '56 collection, through Oct. 28, Monday through Friday, 8 a.m. to 5 p.m.

Mann Library

Learn about the scope of the Department of

Fruit and Vegetable Science's activities, from research and teaching through extension, at the exhibit in the lobby of Mann Library. Examples of techniques and publications, highlighted by fruits and vegetables in decoration and art, will be on display through December.

Van Rensselaer Gallery

Spring 1995 design and environmental analysis student work, through Oct. 19, E124 MVR Hall.

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 and children under 12), except for Tuesday night Cinema Off-Center at the Center for Theatre Arts (\$2) and Saturday or Sunday matinees (\$3.50). Films are held in Willard Straight Theatre except where noted.

Cornell Cinema currently is accepting cosponsorship proposals for the spring semester from student organizations and faculty. For more info or an application contact Cornell Cinema, 255-3522, 104 Willard Straight Hall. Deadline for proposals is Oct. 10.

Thursday, 10/12

"I, the Worst of All" (1990), directed by Maria Luisa Bemberg, with Assumpta Serna and Dominique Sanda, 7 p.m.

"Apollo 13" (1995), directed by Ron Howard, with Tom Hanks, Bill Paxton and Kevin Bacon, 9:30 p.m.

Friday, 10/13

"Cocolos & Rockeros" and "La Operacion," with guest filmmaker Ana Maria Garcia, 12:45 p.m., free.

"Carmelita Tropicana - Your Kunst Is Your Waffin" and "Once Upon a Time in the Bronx," with guest filmmaker Ela Troyano, 4 p.m., free.

"Apollo 13," 6:30 p.m., Uris.

"Smoke" (1995), directed by Wayne Wang, with Harvey Keitel, William Hurt and Forest Whitaker, 7 p.m.

"The Crow" (1994), directed by Alex Proyas, with Brandon Lee and Ernie Hudson, 9:30 p.m., Uris.

"I, the Worst of All," 9:45 p.m.
"Wings of Honneamise" (1994), directed by Hiroyuki Yamaga, midnight, Uris.

Saturday, 10/14

"The Crow," 6:30 p.m., Uris.

"I, the Worst of All," 7 p.m.

"Apollo 13," 9 p.m., Uris.

"Smoke," 9:30 p.m.

"Wings of Honneamise," midnight, Uris.

Sunday, 10/15

"Apollo 13," 4:30 p.m.

"The Travelling Players" (1975), directed by Theo Angelopoulos, 7:30 p.m.

"Story of a Cheat" (1936), directed by Sacha Guitry, presented by Pentangle, 7:30 p.m., Uris, free.

Monday, 10/16

"Sudden Fear" (1952), directed by David Miller, with Joan Crawford and Jack Palance, 7 p.m.

"Smoke," 9:30 p.m.

Tuesday, 10/17

"Apollo 13," 7 p.m.

"Unsere Afrikareise," "Las Hurdes" and "Letter From Siberia," Cinema Off-Center, 7:30 p.m., CTA Film Forum.

"Picture Bride" (1995), directed by Kayo Hatta, with Youki Kudo, Akira Takayama and Tamlyn Tomita, 10 p.m.

Wednesday, 10/18

"Xala" (1974), directed by Ousmane Sembene, with Seun Samb, 7 p.m.

"La Ofrenda: The Days of the Dead" (1989), Latin American Film Series, sponsored by LASP and CUSLAR, 8 p.m., free.

"Obsessive Becoming" (1995), directed by Daniel Reeves, 9:45 p.m.

Thursday, 10/19

"Rebel Without a Cause" (1955), directed by Nicholas Ray, with James Dean, Natalie Wood and Dennis Hopper, 7 p.m.

"Picture Bride," 9:30 p.m.

graduate bulletin

• **CoursEnroll:** Pre-enrollment for Spring '96. All course pre-enrollment will be online and electronic through Bear Access. Dates are Oct. 14 through Nov. 10. A graduate student must obtain consent from the committee chairperson for the

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Scholar to discuss First Amendment, pornography, politics in Kops Lecture

By Linda Grace-Kobas

As the boundaries of free speech shift in the nation's continuing debate over acceptable limits, a distinguished legal scholar will explore major issues in this year's Daniel W. Kops Freedom of the Press Lecture at Cornell on Tuesday, Oct. 17.

Ronald Dworkin, professor of law at New York University, will present "Just Why Should Speech Be Free: Television, Politics, Pornography and Democracy" in the Moot Courtroom of Myron Taylor Hall at 8 p.m.

The lecture is free and open to the public. Among issues Dworkin will discuss are whether the First Amendment protects pornography and violence and whether free speech is violated by limits on politicians' campaign spending. Dworkin has argued that these and parallel questions require people to rethink the place and justification of free speech in a democracy, and, in turn, what democracy means.

He has written on such issues as abortion, euthanasia and preferential treatment.

Dworkin clerked for Judge Learned Hand after graduating from Harvard College and Law School. He practiced law briefly in New York before joining the Yale University law faculty in 1962. He left Yale in 1969 to become professor of jurisprudence at Oxford University.

A Fellow of the British Academy and the American Academy of Arts and Sciences, he has published a number of important books, including *Taking Rights Seriously* (1979), *A*



Ronald Dworkin

Matter of Principle (1985), *Law's Empire* (1986) and *Life's Dominion* (1993). He is a regular contributor to *The New York Review of Books*.

The Kops Freedom of the Press Fellowship Program was established in 1990 by Daniel W. Kops '39, to bring distinguished scholars and journalists to Ithaca each year to speak about issues relating to freedom of the press. Kops, a former editor of the *Cornell Daily Sun*, is founder and president of Kops-Monohan Communications.

lectures

Africana Studies & Research Center

"Reflections on the Beijing Conference on Women: An African Perspective," N'Dri Therese Assie-Lumumba, Africana studies and women's studies, Oct. 16, noon, 310 Triphammer Road.

"The Black Church as a Community Resource," Rev. Cleveland Thornhill, St. James A.M.E. Zion Church, Ithaca, Oct. 18, noon, 310 Triphammer Road.

American Studies Program

Kops Freedom of the Press Lecture: "Just Why Should Speech Be Free? Television, Politics, Pornography and Democracy," Ronald Dworkin, New York University, Oct. 17, 8 p.m., MacDonald Moot Court Room, Myron Taylor Hall.

Architecture, Art & Planning

"Contemporary Traditional," the work of Marc Keane, landscape architect, Kyoto, Japan, Oct. 6, 11:15 a.m., 157 E. Sibley Hall.

Chemistry

Baker Lectures: "Ultrafast Spectroscopy," Graham R. Fleming, University of Chicago, Oct. 12, 17 and 19, 11:15 a.m., 119 Baker.

Classics

"Forging a Neo-Hellenic Literary Language: The Odes of Andreas Kalvos," David Ricks, King's College, London, Oct. 16, 2:30 p.m., 104 Rockefeller Hall.

Cornell Model U.N.

In honor of the 50th anniversary of the United Nations, Aly Teymour, former assistant secretary general, chief of protocol and Egyptian ambassador to the United Nations, will speak Oct. 17 at 7:30 p.m. in Bailey Hall.

CUSLAR

"Human Rights in Guatemala: A Mayan Perspective," Catarina Castro and Justina Tzoc Chinol, with English translation, Oct. 16, 8 p.m., Commons Coffeehouse, Anabel Taylor Hall.

Hatfield Lecture

"Made in America - Does It Matter Anymore?" Lawrence Bossidy, chairman and CEO, AlliedSignal Inc., Oct. 19, 4:30 p.m., Schwartz Auditorium, Rockefeller Hall.

Johnson School/CAT in Biotechnology

Bossart Lecture: "One Way to Do It: Chiron's Strategy and Development," Edward Penhoet, president and CEO of Chiron Corp., Oct. 13, 2 p.m., conference room, Biotechnology Building.

Law School

Henry DePippo, senior prosecutor in the World Trade Center bombing case, will give a lecture and slide show Oct. 18 at 6 p.m. in the MacDonald Moot Court Room, Myron Taylor Hall.

Music

Jim Matheson will lecture on the music of Stephen Albert on Oct. 13 at 1:25 p.m. in 301 Lincoln Hall.

"Early History of the Concerto-Aria Cantata in Dresden," Mary Frandsen, Oct. 16, 4:15 p.m., 102 Lincoln Hall.

Near Eastern Studies

"Bedouin Justice: Law Without Government," Clinton Bailey, Trinity College, Oct. 13, 12:15 p.m., 374 Rockefeller Hall.

"Humeima: Headquarters of the Abbasid Revolution," Rebecca Foote, Harvard University, Oct. 19, 4:30 p.m., 22 Goldwin Smith Hall.

Russian Literature

"The Apocalypse of Nikolai Gogol," Oleg Proskurin, Moscow State Pedagogical University, Oct. 17, 3:30 p.m., 117 Goldwin Smith Hall.

Science & Technology Studies

"Replicating Reproduction in Artificial Life: Or, the Essence of Life in the Age of Virtual Electronic Reproduction," Stefan Helmreich, science & technology studies, Oct. 16, 12:15 p.m., 609 Clark Hall.

Society for the Humanities

"The Demise of the German Mandarins: The German University and the Jews During the Thirties," Saul Friedlander, UCLA, Oct. 16, 4:30 p.m., 165 McGraw Hall.

Southeast Asia Program

"Who Was Sanguan Chanlangbut? And What Does His Career Tell Us About the Origins of the Modern Thai Economy?" Michael Montesano, Southeast Asia Program, Oct. 12, 12:15 p.m., Kahin Center, 640 Stewart Ave.

"Old-School Thai Wrote Histories Too!" David Wyatt, Southeast Asia Program, Oct. 19, 12:15 p.m., Kahin Center, 640 Stewart Ave.

University Lectures

"Theatricals, Monks and Classical Scholars in 15th Century Italy," Henry David Jocelyn, University of Manchester, Oct. 12, 4:30 p.m., 22 Goldwin Smith Hall.

"Liberalism and Skepticism in an Age of Greed," Ronald Dworkin, New York University, Oct. 13, 4:30 p.m., Hollis E. Cornell Auditorium, Goldwin Smith Hall.