

CORNELL Chronicle

Volume 27 Number 29 April 11, 1996

RESEARCHER IN THE PINK

A new mild, sweet – and pink – onion variety is a pleasant inadvertent discovery.

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APPLE FOR THE STUDENTS

Two seniors split time between their studies and their popular World Wide Web-service business.

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ILR School will establish institute to study conflict resolution

By Darryl Geddes

Cornell, with support from the newly created Foundation for Prevention and Early Resolution of Conflict (PERC), plans to establish an institute at the School of Industrial and Labor Relations for the study of conflict resolution. The institute, to be located on campus, is expected to open in August.

Cornell and PERC made the joint announcement on Monday at the National Press Club in Washington, D.C.

Secretary of Labor Robert B. Reich, who attended the reception following the an-

nouncement, applauded the formation of the institute, saying that he had "very high expectations" for its work and that of PERC.

Cornell President Hunter Rawlings also has endorsed the institution's creation.

"The new institute will enable Cornell University and the School of Industrial and Labor Relations to bring their commitment to public service and applied research to a new level," he said.

Under this strategic alliance, PERC will entrust key research and instructional responsibilities to the new Cornell institute.

PERC, a non-profit institution, is dedi-

cated to "hands-on" engagement in conflict prevention and resolution throughout contemporary society and to stimulating thoughtful public discourse on the theory and practice of dispute prevention and resolution. Theodore W. Kheel, PERC's president, has served as a mediator or arbitrator in thousands of disputes. PERC co-chairmen are Thomas Donahue, former president of the AFL-CIO, and William L. Lurie, former president of The Business Roundtable.

Kheel '35, LLB '37, said that PERC would benefit immeasurably from its strategic alliance with Cornell.

"The School of Industrial and Labor Relations is exactly the school at Cornell to take the lead in establishing an institute for prevention and resolution of all types of conflicts," Kheel said. "The School of Industrial and Labor Relations has now enjoyed 50 years of intense experience coping with labor-management disputes under the procedures of the National Labor Relations Act. That law is a model statute on the techniques and procedures of conflict prevention and resolution. They can be applied with equal force to all types of disputes.

Continued on page 4

Flags of many colors



Adriana Rovers/University Photography

Kicking off this month's International Festival on campus was a flag-painting event in the Big Red Barn, April 4. Deddy Supriady, right, a Ph.D. student in regional science, and his children, Decky, center, Dwiky and Dyane, center rear, help paint the Indonesian flag on an international banner.

Cornell will lead state consortium on transportation

By Larry Bernard

Cornell researchers in civil and environmental engineering and other disciplines are helping New York state address a broad range of transportation problems, from how to promote car pooling and optimizing highway maintenance management to how to get trains and freight trucks on coordinated schedules, and a host of other issues related to making transportation more efficient, safe and less costly.

The effort will make research results from universities and national laboratories and other institutions available to the New York State Department of Transportation. The three-year contract has an anticipated budget of \$1 million per year.

"This is a win-win situation," said Arnim Meyburg, professor and chair of Cornell's School of Civil and Environmental Engineering, who leads the effort. "New York state gets access to problem-solving skills in a very short time, and we can introduce practical issues into the academic community, providing opportunities for us to educate students using real-world problems. NYS DOT is looking at the academic community as a think-tank for solving problems in the transportation area."

The Transportation Infrastructure Research Consortium,
Continued on page 2



Meyburg

Three undergraduates win Goldwater Scholarships for science and math

By Simeon Moss

Three Cornell students have won 1996 Goldwater Scholarships for their achievements in science and mathematics.

The undergraduates are: Jessika Trancik '97, a materials science and engineering major in the College of Engineering; Robert Kleinberg '97, a mathematics major in the College of Arts and Sciences; and Daniel Klein '98, a college scholar, also in the College of Arts and Sciences.

The national Goldwater Scholarship program was established in 1986, in the name of former Arizona Sen. Barry M. Goldwater, to honor students who have demonstrated outstanding potential for and commitment to careers in mathematics, the natural sciences and some fields of engineering. Each scholarship provides winners a maximum of \$7,000 per year for tuition, fees, books, and room and board, with sophomores receiving two years of support and juniors one year.



Klein



Trancik



Kleinberg

is 'true'; computer science, which tells us what is actually feasible; and linguistics, which tells us how the human mind fits into the picture. My program as a college scholar combines areas of interaction among these three disciplines in

an attempt to study what is behind it all. It is, in essence, the study of the patterns that pervade and define reality."

He credits his academic success to being raised by his mother to love learning, the teachers who took the time and effort to encourage him and enhance his abilities, and his involvement since he was 8 in martial arts – karate in particular. "(Karate) has given me a confidence that has carried over into the rest of my life," Klein said.

He also credits Cornell with allowing him the freedom to form his own course of study in the College Scholar program. "The broad scope and high quality of the university has enabled me to study all the facets of my interests effectively," he said.

Klein is proficient in French, Spanish and Italian. His activities include being a math support center tutor, a Shito-Ryu karate teacher and president of the Shito-Ryu Karate Club, and an orientation counselor. He said he plans to earn a Ph.D. in a field, or fields, related to his principal interests and then teach and do research at a university.

Robert Kleinberg is a graduate of Iroquois Central High School in Elma, N.Y., where he was valedictorian. His interests in math are still very general, he said, and he hasn't yet specialized in a single field, although the area of math in which he has taken the most courses is topology. "But last year," Kleinberg said, "my research was in col-

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BRIEFS

■ Barton incident: A stabbing incident in Barton Hall on April 3 led to the arrest of an Ithaca youth. Tran Linh Van, 17, of Ithaca was arrested in Barton by Cornell Police shortly after the stabbing occurred at 7:40 p.m. during an argument over a basketball game, police report. The victim, Lun Quach, 21, of Ithaca suffered wounds to his upper body and was taken to Cayuga Medical Center; he was released from the hospital the next day. Cornell Police charged Van with second degree assault, a felony. He was arraigned in Ithaca City Court on April 3 and released from Tompkins County Jail on April 4.

■ Economics teaching fund: The Hatfield Fund to Enhance Undergraduate Economics Education is seeking proposals in support of faculty members who propose innovative ways of strengthening the teaching of economics to undergraduate students. The guidelines for projects are intentionally broad, to encourage innovative proposals that would enhance traditional classroom instruction in economics for undergraduate students. Proposals are invited that will 1) encourage the use of technology in the classroom, 2) promote change in the pedagogy of economics education, 3) create case studies for examination of the major issues facing our economic system, 4) bring real-world authorities as classroom speakers and seminar leaders, and/or 5) offer actual field experiences designed to expose participating students and faculty to the complexities of economic decision-making. This year, the Hatfield Committee has approximately \$25,000 to distribute to faculty-initiated projects. The committee is particularly interested in proposals that stretch across the university, creating connections among the many avenues through which economics education is offered. Proposals need not be longer than three or four pages and should include a detailed projection of expenses. Proposals are due to the office of Susan Murphy, vice president for student and academic services, no later than April 30.

■ Language classes: The Japan America Society of the Ithaca Area offers Japanese and English classes to adults and children throughout the year. Classes are small to provide maximum student-teacher interaction, and teachers are well-qualified. Spring session will begin the week of April 22. Classes will meet twice a week for five weeks or once a week for 10 weeks. For information, contact The Japan America Society at 266-0721, P.O. Box 4012, Ithaca, N.Y. 14852.

Watch your step



Robert Barker/University Photography
During the first annual Intercollegiate and Adult Ballroom Dance Competition in the Field House on March 30, one of four judges, Rebecca Francoeur-Breeden from Columbia, Md., eyes the competitors. The Cornell A-Team took second and third place in the respective American style and international style intercollegiate team matches during the competition. In the individual couples competition, graduate student Horst Severini won the Bolero, Intermediate Slow Foxtrot and Tango, Intermediate Viennese Waltz and Advanced Waltz Quickstep. And undergraduates Michael Volles and Sarah Boscoe won the Lindy Hop competition.

Career Services director receives Kauffman Award

Thomas C. Devlin, the executive director of career services at Cornell since 1978, has received the 1995 Warren E. Kauffman Award for outstanding service to the National Association of Colleges and Employers (NACE).



Devlin

The Bethlehem, Pa.-based membership organization (formerly known as the College Placement Council) represents professionals involved in the career planning and employment of college students and graduates.

The Kauffman Award, established in 1992, was bestowed on Devlin at the NACE annual meeting last summer in Orlando, Fla., and announced in the fall issue of the *Journal of Career Planning & Employment*. The award is NACE's highest honor.

Devlin is a longtime member of NACE, most recently serving as co-chair of its Regional/CPC Relations Task Force, which was responsible for redesigning the organization.

In a letter announcing Devlin's award to David Yeh, Cornell assistant vice president for student and academic services, NACE Executive Director Michael R. Forrest wrote, "As the co-chair of the Regional/CPC Relations Task Force, he provided a vision for

the association that will take NACE into the next century and beyond. The entire committee nominated him for the Kauffman Award, specifically noting his leadership style, group process skills, flexibility, optimism and enduring patience."

Devlin is the founder of the Cornell University College Relations and Recruiting Institute and one of three founders of the University Network, which brings career services directors at the nation's larger universities together once a year. He has appeared on the *NBC Nightly News* and the *Today* show to discuss Cornell's career service, which blends advanced technology with personalized career advising.

Transportation consortium *continued from page 1*

led by Cornell, will address critical issues identified by DOT by going to the institution that has that particular area of expertise, said Meyburg, who is principal investigator for the project. Administrator of the consortium is John Mbwana, Ph.D., visiting scientist in civil and environmental engineering. Mark Turnquist, professor of civil and environmental engineering, also played a key role in putting the consortium together.

Other members of the consortium are: Brookhaven National Laboratory, Calspan - University at Buffalo Research Center, City University of New York, New York University, Polytechnic University and the State University of New York campuses at Stony Brook, Buffalo, Maritime College and at the Rockefeller Institute.

The consortium will address six major areas: engineering, operations, public transportation and planning, management and finance, public policy, and human resources. In addition to expertise in the College of Engineering and the School of Civil and Environmental Engineering, Cornell will tap experts in the School of Industrial and Labor Relations, Agricultural and Biological Engineering, City and Regional Planning and in Economics.

"At the engineering end, we will address all the infrastructure aspects that are relevant to accommodate people, commodities and vehicles," Meyburg said. "That could be roads, airports, bridges, bicycle paths or canals. We will provide insight into

'This is a win-win situation. New York state gets access to problem-solving skills in a very short time, and we can introduce practical issues into the academic community...'

— Arnim Meyburg

all the hardware and software that support our ability to move people and commodities safely, efficiently and reliably around the state. That can include how to prevent corrosion of bridges, what kind of road surface treatment should be applied and how to make trains run on time."

Transportation operations include such items as intelligent transportation systems, automatic toll collection devices and driver information systems. "For example, manual toll collection on toll facilities, such as bridges, tunnels and roads, reduces the performance of these facilities to levels substantially below their design capacity. New technology and revised operating strategies can address that problem," Meyburg said.

Another area of operations research: how to use the existing infrastructure to run the transportation system more efficiently.

"Efficient scheduling of vehicles, fleets

and trains is absolutely essential," Meyburg said. "You have to coordinate trucking with the railroads and other transportation modes. Freight vehicles have to be available when the trains pull in, or the commodities can't be transported. Then the roads have to be clear — no congestion — for the trucks to get through. And people still have to get to work. It's a problem of enormous magnitude, particularly because of the peaking phenomenon, known as 'rush hour.'"

One simple solution to urban peak-period congestion: just double the number of vehicle occupants, from an average of 1.1 to two, in commuting cars. "If you increase vehicle occupancy from 1.1 to two, the average number of occupants in vehicles during peak demand periods, you would have little congestion," Meyburg said. "It's just a simple policy and behavior matter. But how do you achieve the required change in behavior?"

A separate NYSDOT study in Syracuse by Meyburg and Linda Nozick, Cornell assistant professor of civil and environmental engineering, will determine just that: How to get people to use HOV (high occupancy vehicle) lanes during peak periods. "We have to identify areas of congestion and superimpose alternative ways of operating. The goal is to develop techniques to transfer to urban areas all over the country. The question is, how do we deal with efficiency, including energy and environmental impact, when we're not going to build more highways?"

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Study to assess state workers' compensation managed care program

By Darryl Geddes

A Cornell study may have the last word on whether a reform of New York workers' compensation program would save money and ensure quality medical care.

A state pilot program in western New York requires employees of participating companies who are injured at work, and therefore eligible for workers' compensation, to seek medical care from a managed care organization rather than from their family physicians. The experimental program will test whether a major overhaul of New York's workers' compensation program would affect the quality of care while enabling insurance companies to reduce premiums, which have been accused by some of contributing to the migration of business from the state.

"Most people believe the state's workers' compensation managed care program will save money, but there is not much evidence - detailed medical information and cost information - to see if that's really the case," said Ronald Seeber, the study's co-principal investigator and associate dean and director of extension of the School of Industrial and Labor Relations. "Hopefully, this study will provide

conclusive evidence as to the merits or disadvantages of such a system."

The three-year \$870,000 study, funded by the state and conducted by the School of Industrial and Labor Relations, will assess the pilot program by examining workers' compensation claims-level data on medical procedures, medical and indemnity payments and return to work; firm-level data on workplace safety; and interviews with injured workers about their satisfaction with medical treatment and their ability to work. Study results are not expected until the summer of 1997.

Participating in the pilot program and the Cornell study are employees at three Rochester-area employers, the largest of which is Wegmans Food Markets, and five Rochester-area managed care organizations: Parkridge Health Connections, Strong Memorial Hospital, Healthworks, CompMed and CompChoice. Employers added to the state's pilot program also will be surveyed. In addition, the study will poll employees not covered under the workers' compensation managed care pilot.

The employee interviews are being conducted by Computer-Assisted-Telephone-Interview (CATI), the same sys-

tem used by the U.S. Census Bureau and CBS News for their surveys, noted data manager Yasamin DiCiccio.

The CATI system, according to DiCiccio, ensures accuracy of data, reduces possibility for human error and allows for faster data analysis than the traditional paper-and-pencil method of administering phone interviews. The CATI facility is located in 253 Ives Hall. Telephone interviews are conducted by Cornell students under the supervision of facility supervisor Lisa Horn. Senior Research Associate Tim Schmidle, also a member of the research team, has responsibility for developing and maintaining contacts with state officials and for identifying and monitoring statutory, regulatory and other workers' compensation developments.

"The fact that the Legislature wrote the School of Industrial and Labor Relations into the pilot program legislation is an excellent example of how the school fulfills its statutory mandate to provide research that helps the state," said Robert Smith, co-principal investigator and associate dean of academic affairs at the ILR School.

The Cornell study, however, could have an impact far beyond New York's borders, as at least 25 other states have enacted workers' compensation managed care legislation.

AAUW honors CU program in engineering

Cornell's Women's Programs in Engineering has been named as a 1996 Progress in Equity Award winner by the New York State Division of the American Association of University Women.

Also honored were programs at the State University of New York at Potsdam and Marymount Manhattan College. Awards will be presented at the AAUW convention in Syracuse this weekend.

Women's Programs in Engineering, directed by Michele D. Fish, was cited by AAUW for "imaginative and successful initiatives to recruit and retain undergraduate women to the study of engineering - one of the most male dominated of all the major professions." Applauded were the program's efforts, including: the Freshman Engineering Seminar for Women; tutoring and mentoring programs; workshops on Sexism in the Classroom; the Career Planning Seminar for Women in Engineering; and the creation of a video called "She's the Engineer: How to Use Science and Math to Solve Problems," which encourages high school girls who love science and math to consider engineering.

The AAUW is a national organization that promotes education and equity for women. More than 200 AAUW members from across New York are expected to attend the convention at the Hotel Syracuse, April 12-14. Nationwide, 150,000 women and men are members of AAUW.

From East Hill to Capitol Hill



Shane C. Lidman '98 takes a picture of Rebecca Fran Gellert '98 in the lobby of Willard Straight Hall on April 3, as part of a student-organized effort to send letters and photos to Congress to oppose cuts in financial aid and other higher-education programs.

Charles Harrington/University Photography

Ex-politician Douglas Wilder critiques this year's political season

By Simeon Moss

No longer a politician, Douglas Wilder, former governor of Virginia, has a lot to say these days about politicians.

The nation's first elected African-American governor, a 1992 candidate for the Democratic nomination for president and a 1994 independent candidate for the U.S. Senate, Wilder spoke before an audience of about 90 in Uris Hall Auditorium April 2. Often sarcastic and sometimes passionate, he took on a range of legislative and social topics but always came back to politics.

Earlier in the day, Wilder gave a news conference in the Statler Hotel and made one thing clear - his own political career is over.

Asked if he would run again for governor, Wilder said he only plans to "run for cover."

"I will not run for another elected office," he said, "and I almost rule out serving in any governmental capacity."

But he had plenty to say about this year's presidential campaign.

Although the polls now show President Clinton far ahead, Wilder discounted their significance. "It's going to be a very close election," he said.

He called Bob Dole's response to Clinton's



Former Virginia Gov. Douglas Wilder holds a news conference in the Yale Room of the Statler Hotel on April 2.

Frank DiMeo/University Photography

State of the Union speech "pitiful."

"It's like he was listening to another speaker," Wilder said of Dole's TV performance. "Why didn't he just give Bill Clinton credit for having sounded just like the Republicans?"

On other candidates, he observed:

• "Steve Forbes is like a June bug. You see the lights in June, but you don't see them in July and August."

• "Lamar Alexander - he's in a red shirt, playing the piano. The red shirt has nothing

to do with issues, and neither does playing the piano."

• "Pat Buchanan (is) still running around talking about having people fixed in his cross hairs - lock and load. Lock and load and shoot who?"

And Wilder spent a considerable amount of time talking about the possibility of a Colin Powell candidacy.

"Dole would do well to ask Colin Powell to run (for vice president)," he said. "And I think Colin Powell would be smart to say 'yeh.'"

The reason, Wilder said, is that Dole might only want to serve one term. "And (Dole) won't look any younger in four years."

Talking about race, destiny and timing in relation to Powell's candidacy, Wilder said, "Let's not kid ourselves, it's a fact of life in America, you always have to have entry levels for minority candidates to move up - whether be they women, Jews, Italians, Irish. They always have to have a job at a lower level before they run to the top level. If (Powell is) interested in being president - and I think he is - this is the time. It doesn't last forever."

Wilder's appearance was sponsored by the Cornell University Program Board.

Noted corporate-turnaround artist argues the 'leaner-meaner' case

By Darryl Geddes

Corporate philanthropy is wrong, superstar CEOs deserve every dollar they earn, out-sourcing is here to stay and human resource managers better run for their lives. Offended yet? We're just getting started.

Meet Albert J. Dunlap, the former Scott Paper CEO whose much publicized turnaround of the ailing tissue maker has dominated the business pages for the past two years.

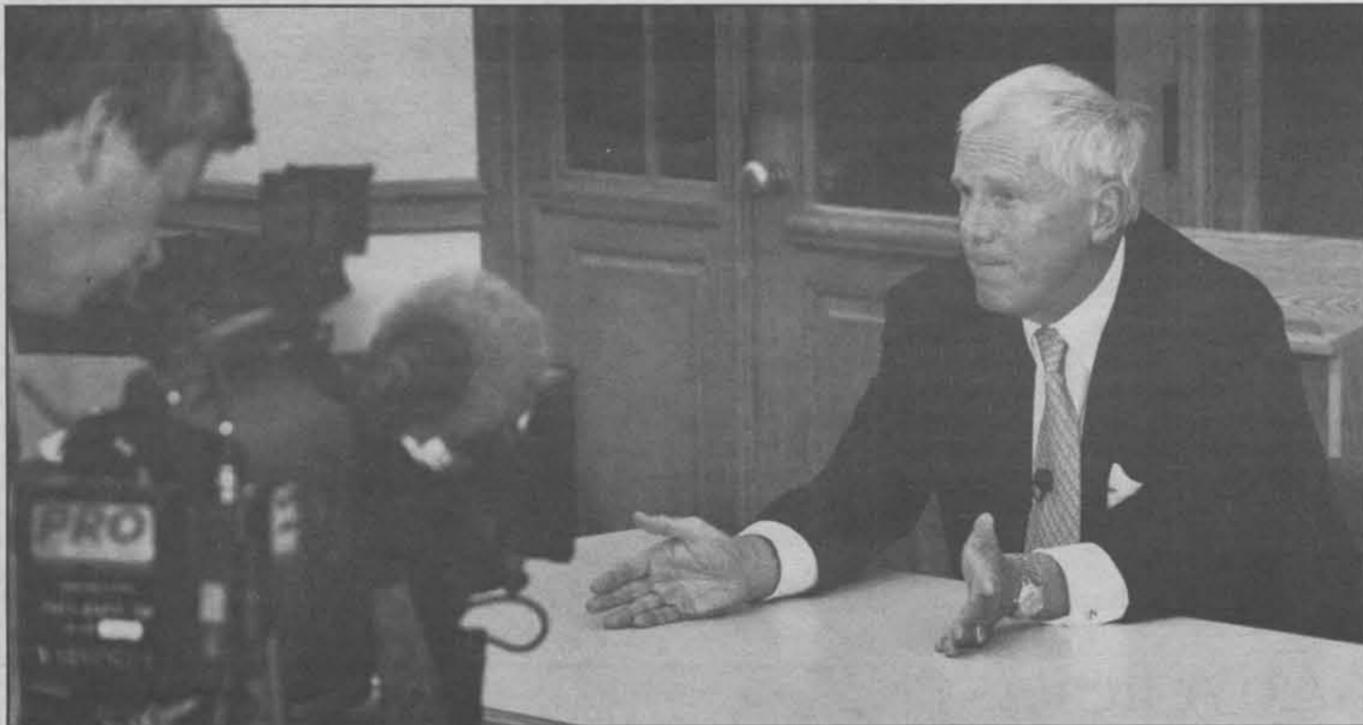
Dunlap, who met last week with students at the Law School and the Johnson Graduate School of Management, has been called just about every name in the book by fans and foes alike. There's "Chainsaw Al," "Rambo in Pinstripes" and the "Turnaround Wizard." *Newsweek* put Dunlap's picture on its cover, along with those of several other CEOs, under the headline "Corporate Killers."

In his 20-month tenure at Scott, Dunlap orchestrated a restructuring plan that took Scott stock to new heights: it rose 225 percent, adding nearly \$6.5 billion in market value to the company. The company's profit possibilities were so attractive that Kimberly-Clark Corp., another big paper products maker, bought Scott. Delighted Scott shareholders approved the \$9.4 billion merger last December.

The merger reaped big dividends for Dunlap: He was given nearly \$100 million in salary, bonus, stock gains and other perks, including one of the most lucrative non-compete agreements ever written in American business, which prohibits him from working for a competitor for five years. But Dunlap's restructuring of Scott had a cost. Philadelphia lost the company headquarters to Boca Raton, Fla., and more than 11,000 employees lost their jobs.

"There's a lot of pain out there. Hell, I know that," Dunlap told a group of business-suited law students here on April 3. Dunlap has said that without his restructuring of Scott Paper many more people would have lost their jobs.

In his remarks before the Cornell Federalist Society, Dunlap offered candid opinions on almost anything. His answers are sound bites, all the more appropriate with a camera crew from NBC's news magazine program "Dateline" on campus recording his every word and move. (No air date has



Albert J. Dunlap speaks to law students in Myron Taylor Hall on April 3 while being filmed for NBC TV's "Dateline." *Adriana Rovers/University Photography*

been set for the segment.)

The issue that gets Dunlap the most excited is that of corporate governance, which, in his view, should give shareholders greater responsibility in corporate affairs.

A CEO's responsibility, Dunlap says, is to the shareholders, for it's the shareholders who invest in the company. "Shareholders don't get anything if the company fails. You cannot generate shareholder value if you don't hire the best CEOs and employees."

Dunlap is critical of boards of directors who fail to fire CEOs when company profits sag, putting stockholders' investments at stake. "We're beginning to see some boards come under attack by stockholders for their failure to address problems," he said.

To make members of the board more responsible for corporate performance, Dunlap required the nine outside members of Scott's 11-member board to be compensated solely in company stock.

"By making boards of directors have a financial stake in the company, you significantly enhance their desire to help the company prosper," said Charles Elson, Cornell

law professor who served with Dunlap on a national commission examining compensation for directors. "I think this form of compensation for directors is part of Al Dunlap's message to make boards more responsible to the shareholders."

Making the corporations more responsive to shareholder interest also figures into Dunlap's view on corporate philanthropy. "Shareholders didn't give you the money to give away," Dunlap said. "I don't believe anyone has the right to give away someone else's money."

Harold Bierman, the Nicholas H. Noyes Professor of Business Administration at the Johnson School, said Dunlap's take on corporate philanthropy has valid ancestry, for it is a view taken by Nobel Prize-winning economist Milton Friedman. But, Bierman notes, corporations may have good cause in supporting local organizations. "If the presence of a theater in the corporation's community is important in making the community an attractive place to live and therefore easier to hire people, then supporting an arts organization might make good business

sense," Bierman said. "If a corporation receives no direct or indirect benefit from a charity, then I think Mr. Dunlap's view is well taken."

Dunlap offered his opinions on a range of issues during his 45-minute question-and-answer session with students:

On out-sourcing: "Out-sourcing is here to stay. A company should do only what it does best. If someone can do a task better, such as payroll, benefits, then farm it out."

Human resource managers: "Human resource people are in danger. Avoid them at all cost. They need to get benefit programs that make sense and get rid of these flavor-of-the-month programs."

Executive compensation: "A superstar CEO should be paid the same as superstars in other areas get paid, such as the arts and sports. I don't hear anybody complaining about their salaries."

Dunlap has been touring college campuses across the country, addressing these issues and others. But one suspects it won't be too long before he's back in the boardroom. "I've retired four times and I hate it," he said.

Mergers, takeovers breed workplace violence, Cornell group says

By Darryl Geddes

Changes in the workplace continue to breed a climate of hostility and fear that is turning the workplace into a domestic battleground. But crisis management experts have found a new way to diffuse the hostility: They are using dispute resolution for violence prevention.

Tia Schneider Denenberg, arbitrator, mediator and principal in Workplace Solutions, a project of Cornell's School of Industrial and Labor Relations (ILR), reports in the January-March 1996 issue of *Dispute Resolution Journal* that competitive pressures, loss of autonomy and changing work force demographics are being recognized more and more as factors contributing to workplace violence.

"Ubiquitous threats of mergers, takeovers and midlife 'career crash' feed anxieties that may elicit hostility," Denenberg noted. "The long-term consequences of such insecurity may be overwhelming psychological stress and even trauma, leading to hostility and outbursts or bizarre behavior."

Denenberg and co-authors of the article will discuss workplace violence and offer solutions at a conference April 18 from 8:30 a.m. to 4:45 p.m. at the Marriott Hotel in

Newton, Mass. Highlights include skills-building workshops and a performance of "Unless There's Blood," a drama about stress and violence in the workplace. Key presenters include Richard M. Reilly, senior vice president of the American Arbitration Association; Craig Cornish, author of *Workplace Rights of Privacy and Dignity*; and Susan and Mark Braverman, principals of Crisis Management Group and Workplace Solutions Project. The conference is sponsored by the American Arbitration Association and the Workplace Solutions Project at Cornell.

An essential step in preventing workplace violence is making the transformation from a "crisis-prone" workplace to a "crisis-prepared" organization. A crisis-prepared organization, she states, reports and analyzes signs of distress at an early stage; cultivates a sense of mutual interest among all parties in responding to incipient strains; develops and disseminates a policy for dealing with potential and actual crises; and encourages a climate in which employees can communicate freely their distress to management, and management accepts responsibility to act.

Dispute resolution is the one approach to resolving workplace conflicts that adequately addresses the emotions of the situation, Denenberg claims.

"As in litigation, anointing one party the winner or formally assigning blame rarely resolves the underlying conflict, which continues to fester," she said. "Although arbitration may dispose of the surface issues, the underlying causes of an outburst or act of insubordination typically are not addressed."

Denenberg suggests that a successful dispute resolution attempts to "find new information, achieve better mutual understanding and elicit beneficial emotional expression and engagement."

"The process seeks to restore the harmony of a relationship — such as sharing a workbench — that must continue after the dispute," she said.

The Workplace Solutions Project at the ILR School seeks to use mediation and collaborative problem-solving in helping to alleviate a climate of fear, prevent critical incidents and facilitate emergency planning. The project will provide training in communication and dispute-resolution skills, teach problem-solving as a job skill, develop risk assessment, prevention and intervention strategies. The project, with headquarters at the ILR extension office at 16 E. 34th St. in New York City, is supported by a grant from the William and Flora Hewlett Foundation.

Conflict resolution *continued from page 1*

Only the issues, personalities and circumstances vary."

The Cornell institute eventually will focus on all areas of conflict resolution, including those relating to commercial and real estate transactions, the environment, communities, health care, civil rights and what has come to be referred to as alternative dispute resolution. The institute will conduct research on issues related to conflict resolution, develop educational programs for various institutions

interested in implementing conflict resolution programs and design courses on conflict resolution to be offered by the School of Industrial and Labor Relations.

David B. Lipsky, dean of the ILR School, said the institute will be an incubator for influential research on issues of interest to all parties. "Every workplace — school, plant, office, hospital or store — can benefit from a better understanding of conflict prevention and resolution," Lipsky said. "This

institute, combined with ILR School's existing resources and the support and expertise of PERC, also will shape the discussion, study, development and application of successful conflict prevention and resolution techniques outside the workplace."

The new institute brings to five the number of research centers at the ILR School devoted to examining and solving today's key workplace and labor issues. The other centers are: the Center for Advanced Hu-

man Resource Studies; the Institute of Collective Bargaining; the Institute for Labor Market Policies; and the Smithers Institute for Alcohol-Related Workplace Studies.

These centers have created new alliances between ILR School faculty and corporations, unions, government agencies, law firms, associations and foundations. Research projects funded by the centers' members enable faculty and students to study theories and practices on-site.

C O R N E L L R E S E A R C H

Unexpected development produces sweet, mild – and pink – onion

By Blaine P. Friedlander Jr.

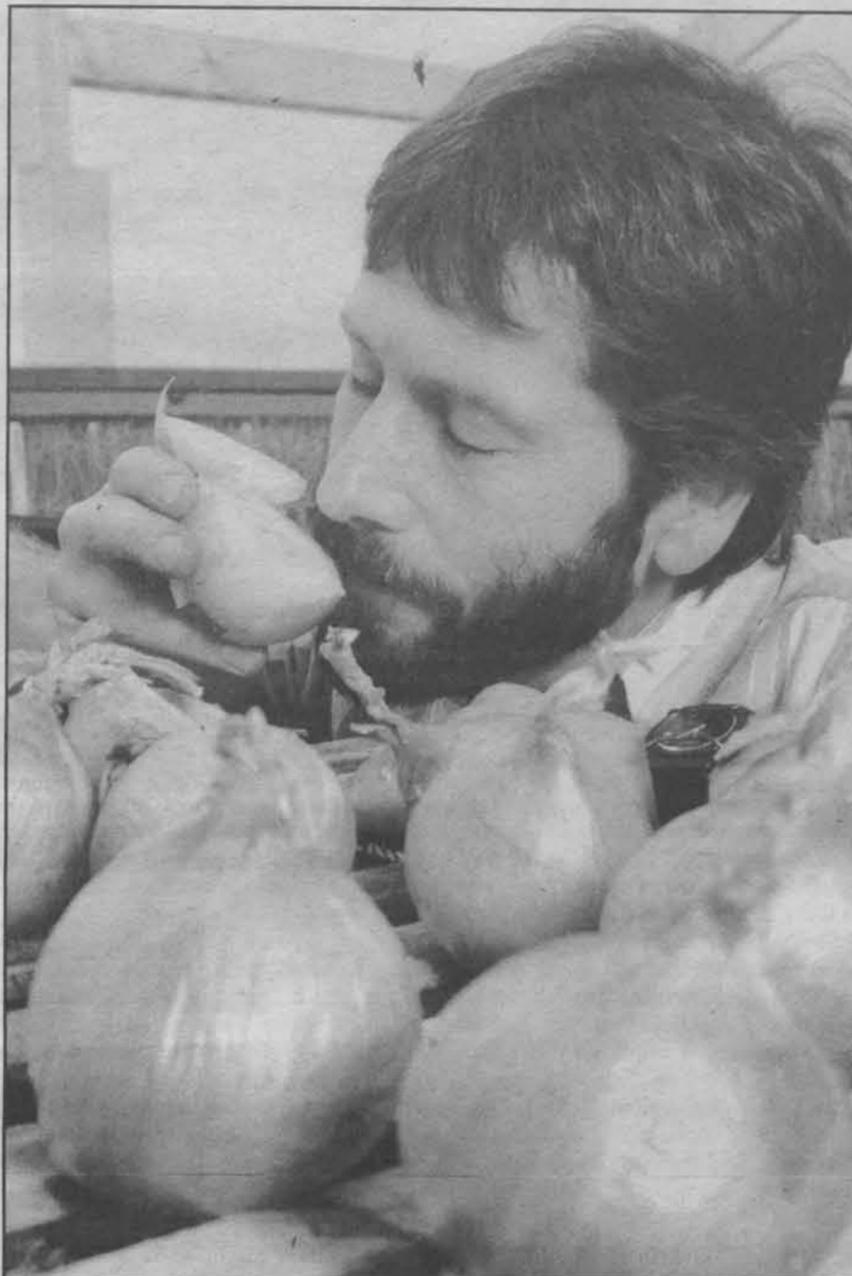
A Cornell researcher crossed three varieties of yellow onion trying to find a line of higher-yielding plants but instead came up with something unexpected.

While he shed tears, they were tears of joy: The researcher, Thomas W. Walters, had stumbled on to a sweet, pink onion. But, let's not mince words: The New York Sweet Blush variety is still in the commercial breeding process, said Walters, the Cornell plant breeder who discovered the onion by chance, and it is not yet ready for grocers' shelves.

The onion will be tested in only small plots throughout New York this year. Walters hopes to begin working with seed companies interested in distributing seeds and seedlings as early as next season. For large-scale production of onion seed, male sterile versions of onion breeding lines are needed to make hybrid seeds that are uniform and more disease-resistant, as well as able to generate higher yields.

Toward that end, Walters was trying to make a male sterile breeding line of large, mild-sweet onions. By crossing a large, sweet yellow onion with a male sterile cross from the Cornell and the U.S. Department of Agriculture – MSU-8155-B and MSU-5718-A – he inadvertently found the pink variation. His work is sponsored by the New York Onion Growers and by a consortium of seed companies that supports vegetable breeding at Cornell.

Pink is probably a primitive trait in onions. "Before onions were domesticated, they were probably pink," said Walters. "Maybe previous societies bred them to be yellow and white because they preferred those colors." This was the "complementary factor" of onion breeding – the pigment's enzymatic chain was broken at one time, perhaps thousands of years ago by prehistoric plant breeders selecting unpigmented onions. In this



Adriana Rovers/University Photography
Thomas W. Walters, a plant breeder in fruit and vegetable science, smells the mild aroma of a pink onion that he developed.

'Before onions were domesticated, they were probably pink. Maybe previous societies bred them to be yellow and white because they preferred those colors. . . . The fresh market for onions, such as hamburgers, salsas and salads, is where the New York Sweet Blush has potential.'

– Thomas W. Walters

case, the missing links for the enzyme chain were provided by the three complementary breeding lines. Thus, when the large onions were crossed, the resulting variety took back what likely was its original color: pink.

The complementary factor is regarded as a nuisance in most onion growing circles, particularly in the small, yellow cooking-onion market, which is prevalent in New York.

"The fresh market for onions, such as hamburgers, salsas and salads, is where the New York Sweet Blush has potential," Walters said.

The New York Sweet Blush is noticeably sweeter and more mild than many of its cousins. As a comparison, the New York Sweet Blush registers more sugar, but less pyruvate – the substance that makes it pungent – than the popular Kelsae Sweet Giant.

"Very few onions are as mild as the Kelsae Sweet Giant, and I've never seen anything as unique as the New York Sweet Blush. It's a real boon to the consumer, because when you see that pink blush, you know you're going to get a nice, mild onion," Walters said.

Facing worldwide problems, a second GREAN revolution is planned

By Blaine P. Friedlander Jr.

Ranking as one of the world's greatest scientific and social achievements, the Green Revolution saved millions from starvation in the 1960s and '70s. Now, faced with increasing population growth, environmental degradation and problems of hunger, Cornell scientists believe the future is bleak.

Scientists are hoping to gather \$100 million over the next five years for an international program, "Global Research on the Environmental and Agricultural Nexus (GREAN) for the 21st Century." This initiative – a new GREAN revolution – is the outcome of the Taskforce on Research Innovation for Productivity and Sustainability, an international group led by Cornell and the University of Florida.

It plans to deploy American and international scientists on long-term agricultural research projects aimed at solving this planet's most pressing problems.

Environmental questions and growing population provide unrelenting strain on natural resources. "With the large numbers of people, the pressures of survival are encroaching on every part of the world," said Ronnie Coffman, Cornell associate dean of the College of Agriculture and Life Sciences, a member of the task force that produced the report and co-chair of the committee that drafted the proposal.

With a large portion of the world population under age 15, Coffman said, finite resources combined with young, growing populations present a dilemma:

Demand for food in developing countries will more than double by the year 2025 and triple by 2050, according to the report. Globally, 1.3 billion people live in poverty now, with 75 percent of those located



'Countries that we once thought of as developing are really our global partners. With partnering countries, there are tremendous scientific resources out there. But many good scientists are languishing, lacking the resources and the collaborators to be truly effective.'

– Ronnie Coffman

in rural areas. Experts predict that by 2050, the Earth will need to support 4.3 billion more people, 95 percent of whom will be living in what are now developing countries.

"The first Green Revolution increased real income and improved nutrition for the poor, enhanced productivity, increased global trade and preserved large expanses of land unsuited for cultivation from deforestation," according to the report, which was funded by the Ford and Rockefeller Foundations. "The U.S. was amply rewarded for the Green Revolution. They helped transform countries once dependent upon U.S. food into large and growing markets for American products."

Scientists from Cornell and the University of Florida

have gathered an ad hoc coalition of about 20 universities to promote the GREAN initiative with scientists around the world.

"Countries that we once thought of as developing are really our global partners," Coffman said. "With partnering countries, there are tremendous scientific resources out there. But many good scientists are languishing, lacking the resources and the collaborators to be truly effective."

Technologies that were barely a blip two decades ago facilitate global collaborative research today, potentially reducing research redundancy. Thus, research money would go further, playing on the strengths of all the partners.

If adopted, the proposed GREAN organization will consist of agriculture research specialty areas, such as soils, water, forests, as well as biodiversity and climate change. The initiative is hoping to obtain support from the U.S. Department of Agriculture, USAID, the World Bank, the United Nations Development Program, the Food and Agricultural Organization, the Consultative Group on International Agricultural Research and from regional development banks.

Most of the agriculturists involved in GREAN realize that allowing just the United States to feed the world would be wrong. Most idled farmland in the industrialized world is of marginal agricultural value, according to the GREAN proposal. To be good global citizens, the industrialized nations must help the developing countries use their own land more effectively, since many of the poorer nations would not be able to pay for imports anyway. Increasing agricultural productivity means increased income and food security for all.

East Avenue bus shelters harness the sun

Users of the bus shelters on East Avenue will finally see the light. New solar-powered lights have been installed in the shelters near Goldwin Smith and Rockefeller halls. Waiting bus passengers can push a button to activate the lights, which will stay on for six minutes.

The lights take advantage of solar power – even on Ithaca's cloudy days – by gathering the sun's energy using a photovoltaic system and storing it in a battery for use when the sun is not shining. The average run time, if the lights were on constantly, would be five to six hours in the winter, and up to ten hours during the summer months.

"If this technology is as successful as we anticipate, it could have further applications for other sites," said CU Transit Inc. Manager Marc Whitney. "We will definitely consider this type of lighting for any new shelters that we install, especially those in remote areas."

Photovoltaic systems are well suited to locations where accessing a power supply is either not feasible or expensive. Costs for installing the lights in both shelters was less than it would have cost to bring a traditional power supply line to just one of the shelters. The average life span of the photovoltaic modules is 20-30 years, and the batteries need to be replaced every four years.

"We estimate it will cost the university only \$45 dollars a year, per shelter, for battery maintenance and replacement light bulbs," said Whitney.

Photocomm, the company that supplied the lights, has a large line of solar-powered products that include parking lot lights, water pumps and components to set up other applications that could be used by the university.

Scholars *continued from page 1*

laboration with a computer science professor, focusing on problems in graph theory, with applications to computer network design." This semester, his research is in the area of group theory.

Kleinberg said he has a hard time explaining to people exactly why he chose mathematics as a concentration. "In truth, I feel as if I never had to make a choice," he said. "Math is so central to my way of thinking about things that it always seemed natural for my studies to focus on math."

The junior said he's pleased with the academic environment Cornell has provided him. "My classes have been challenging, and I am grateful to have found professors who responded so enthusiastically to my interest in doing research. At the same time, Cornell provides an inexhaustible array of opportunities for exploring my other interests outside of mathematics," he said.

After graduation, Kleinberg wants to go to graduate school and pursue a Ph.D. in mathematics and eventually become a math professor, he said.

Jessika Trancik, who recently was named to the *USA Today* newspaper All USA College Academic team, is a graduate of Ithaca High School. In her studies at Cornell, she has pursued research on metal-ceramic composites and on thin films for magnetic data storage, has two patent applications – one for a technique featured in *Business Week*, *Inside R+D*, *Technical Insight* and *New Scientist* – and has completed 10 technical papers and presentations.

The junior credits her diverse experiences while growing up – living in Sweden and in Italy and learning to deal with many different environments, cultures and situations – as a primary factor in her development as a student. She is fluent in Swedish and is a member of Cornell's ski team and women's tennis team.

Trancik said she would like to combine her interests in engineering with her interests in humanities, linguistics and design in a future career.



Seniors Stephan Paternot, left, and Todd Krizelman pose at the College Avenue offices of their company, WebGenesis, with a screen full of their Web pages.

Adriana Rovers/University Photography

A student-created company is the talk of the Web

By Jonathan Lawrence '98

They got started way back in 1994, in the "pre-Netscape days," before the Internet took off as a commercial enterprise. It was then that Cornell students Todd Krizelman and Stephan Paternot, armed with only a modem and a Macintosh computer in Krizelman's dorm room, first experimented with what would grow, a year later, into the largest Macintosh World Wide Web site in the world.

That Web site, called "The Globe" (www.theglobe.com), is entirely designed and administered by Krizelman, Paternot and the new 17-member staff of their company, WebGenesis (www.webgenesis.com), at its offices at 409 College Ave.

The idea began two years ago, when then sophomores Krizelman, a biological sciences major, and Paternot, a computer science major, were struck by the marketing possibilities of the growing Internet and began working on a Web page that one day would attract big advertisers. Having met as high school students during the Cornell Summer Session in 1991, Paternot and Krizelman were reunited during their freshman year. Though Paternot had experience in computer science classes and Krizelman's background "came mainly from hacking," as he put it, the two knew that they loved computers and that they worked well together.

After having raised an initial \$15,000 over their winter break in 1994 from private investors to buy some basic computer hardware, they purchased an Apple Internet Server system and set about programming software that would be both useful and entertaining for users of their Web site. From the seminal idea in the fall of 1994, about five months elapsed before *The Globe* debuted on April 1, 1995.

"There was no way that we wanted our service to compete with Prodigy Inc. or America Online Inc. We wanted to combine cool graphics, advertising, an emphasis on interactivity and build some sort of entertainment destination resort on the World Wide Web," said Paternot, WebGenesis president.

Without spending a penny on advertising for their site, Krizelman and Paternot relied on word of mouth to spread the news. After just one month of telling their friends and sending out e-mail messages, the two attracted an impressive 44,000 visitors to WebGenesis' pages.

The most popular feature of their site, which now claims nearly 150,000 users per month, is an on-line chat forum in which users can engage in a real-time conversation from their respective keyboards, regardless

'We've proven that you can buy a few Macs and have a site.'

— Todd Krizelman '96
CEO of WebGenesis

of where in the world they may be. WebGenesis' new software has improved this on-line conferencing medium by adding certain ways to personalize the on-screen environment. Users choose a name and an icon to represent themselves in their "chat room," and they can also post graphs or charts during the course of their dialogue. This graphic addition, in the words of one enthusiastic user, "brings your eye swiftly to the comments you sought amidst a constantly changing page." The result is an eye-catching arrangement of vividly colored, high-quality graphic images.

Other software offered exclusively by WebGenesis includes a "Genesis Registration" system, for the purpose of registering users in any given institutional computer system.

"This is the first user registration and authentication program available for the Macintosh," boasted Krizelman. "It has unlimited user names and password storage capability," he added.

Also available on their home page is "Genesis Surveys," a program that can support up to 10 different surveys, quizzes or questionnaires at the same time and compute statistical analysis immediately. This program is useful for institutions that are looking to gather data on-line from any body of computer users. Other services on *The Globe* include personals, classifieds and computer games – all free of charge to visitors.

The Apple corporation has taken an interest in the success of the students' enterprise, as being proof of the reliability of Apple Internet Servers to maintain a high volume of users without "traffic problems" or "downtime" – the business hours lost when a server crashes. Apple has sponsored Paternot and Krizelman's attendance at Internet conferences in California, and WebGenesis also is featured in Apple's advertising as the largest Mac site in the world.

"We've proven that you can buy a few Macs and have a site," said CEO Krizelman. Most Web sites have traditionally been run off of less user-friendly hardware, like Sparks stations, he said.

As a member of DoubleClick, the computer advertising agency based in New York

City, WebGenesis' Internet pages have featured ads from such companies as Attachmate, Excite, Apple Computer, Sportsline, Intel and DejaNews. They have been able to rely on corporate advertising for their entire revenue and can, therefore, offer their services free of charge for their many users.

In order to maintain the busy schedule of being both Cornell students and entrepreneurs, the two have had to work 18-hour days while being enrolled in sometimes as few as two courses per semester.

"We pretty much decided to throw away our personal and social lives," joked Krizelman.

Flying back and forth to conferences in California, and sometimes getting off a plane to take a biology prelim only to reboard an hour later, Krizelman and Paternot, now seniors, have "crammed five to 10 years of business experience into one year," as Paternot puts it. They will both graduate on time in May, they say, but not without some sacrifice – "our hairlines and ulcers," said Krizelman dryly.

Nearly all of the company's 17 computer programmers and graphic designers are recent Cornell graduates, whose average age is 22.

"We are able to filter off people from the Computer Science Department before they graduate," says Krizelman. The University Career Center, for example, has faxed résumés of graduating computer scientists to WebGenesis.

"We are also able to go to the Cornell Theory Center and the Computer Science Department and ask, 'Who's your best student,'" Krizelman added. WebGenesis, say its directors, pays competitively for Ithaca – and for students. They are thus able to attract a constant flow of fresh young minds and retain their low-key "company culture."

Indeed, much of their precocious success can be attributed to the laid-back yet diligent ambiance of their Collegetown offices. Staff meetings at WebGenesis are held daily, as opposed to weekly, and the bosses always treat for pizza when work goes later than expected.

Future plans for the company include a move of business headquarters to New York City and continued coaxing of big-time advertisers to their popular Web site. This has been a whirlwind period of time for the two seniors: *The Globe* celebrated its one-year on-line anniversary on April 1.

"Todd and I just stand back sometimes and think to ourselves, 'How did we get here?'" said Paternot.

Prof's involvement helps build bridges between students and faculty

By Julia Bonney

Locksley Edmondson, professor of Africana studies, has worked, studied and taught all over the world: the Caribbean (he was born in Jamaica), Great Britain, Canada, Africa and the United States. As he has moved from country to country and community to community, he has appreciated and assimilated many aspects of the cultures in which he has resided.

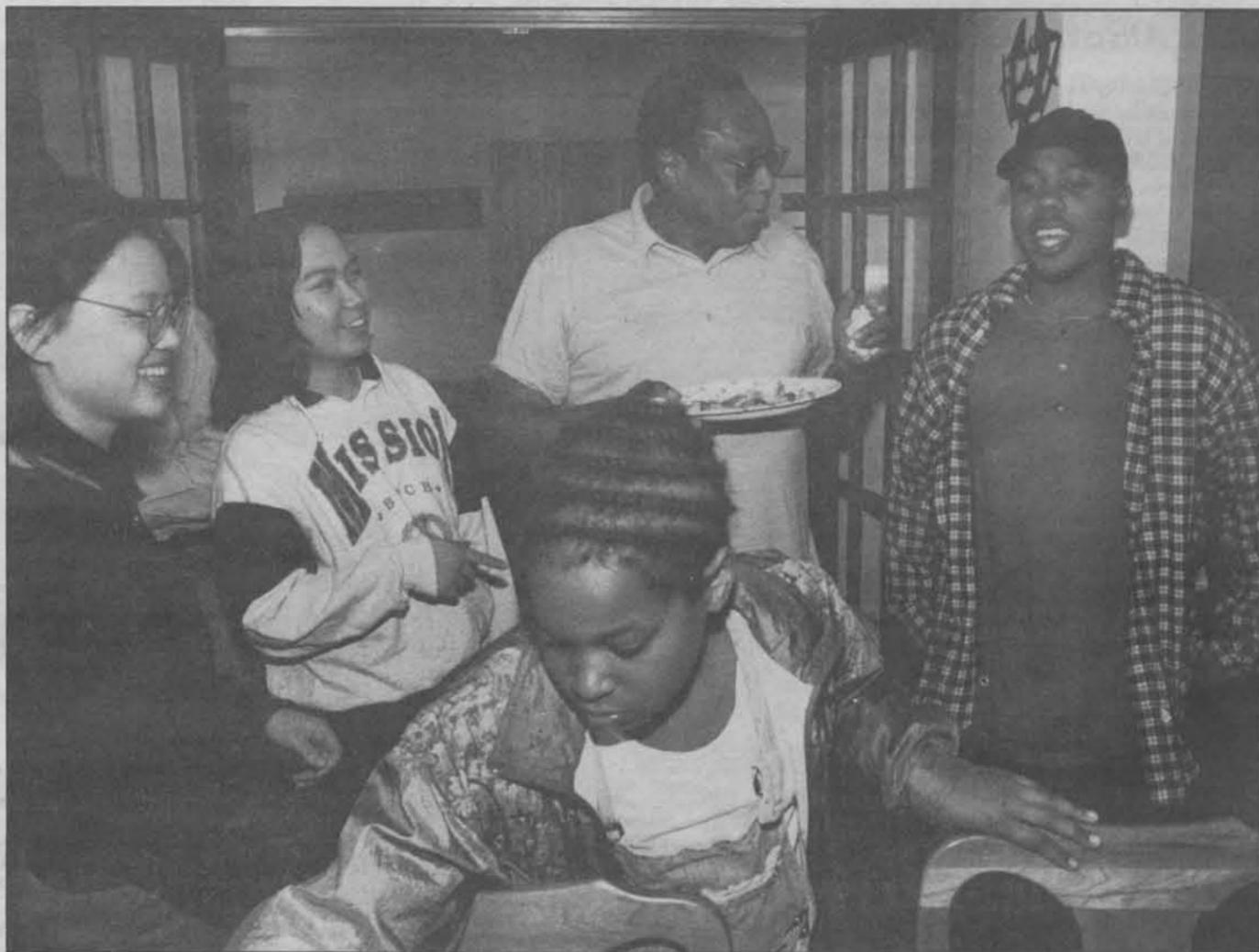
Now, as the faculty-in-residence at the Townhouse Community, this genial and outgoing professor is an ambassador for his current home, Cornell, where he has taught for 16 years. His apartment is a meeting place where students and faculty from diverse cultures, fields of study and disparate interests come together. People whose paths might not ordinarily cross in Cornell's large community meet in Locksley Edmondson's apartment.

Edmondson is an international "architect," building bridges between Cornell students and faculty and between different student constituencies. They might come together at the Townhouse Community Center for an evening of Philippine or Caribbean music and dance, or gather in the Edmondsons' living room to view a vintage movie. Or the invitation may simply read: "You are cordially invited to join me and my family for brunch."

"The value of the faculty-in-residence program for students comes from knowing that a professor is part of their community and is interacting with them in a less hierarchical basis than the classroom represents," Edmondson observes.

"To know that the professor is genuinely interested in being part of their community communicates a positive message about Cornell and helps to create a basis for mutual interaction that is fundamental to human relations. Students meet me, and through me, they meet other faculty and students. It benefits us all."

Not all of the events planned by Edmondson (often with the aid of Campus Life staff or his many colleagues) are large or elaborate, by any means. Sometimes he just walks around and knocks on Townhouse doors. "I did that this fall and a student invited me in for a glass of hot cider. We just talked and got to know each other. This is an



Adriana Rovers/University Photography

Professor Locksley Edmondson, center rear, and his daughter, Alisha, center front, entertain fellow residents at their Townhouse Community apartment, from left, Nancy Pau '98, Agnes Galvez '97 and Sheldon Watts '97.

important part of human interaction that can be lost in a large bureaucracy." Last semester he and two students made a trip to the Corning Glass Museum, just to see the sights of the Southern Tier of the state.

A man of wide-ranging interests, Edmondson directs the Africana Studies and Research Center and is an international political scientist. He is also a self-proclaimed "travel maniac" and avid collector of vintage movies — Alfred Hitchcock and Humphrey Bogart being particular favorites. His video collection is available for loan to his neighbors. He recalls a student

who was tired of studying and in need of a good laugh, calling late one night. "I loaned her a Danny Kaye movie. She loved it."

Edmondson lives in the heart of North Campus with his two children, 11-year-old Magnus and Alisha, 9. He says they are thriving in the campus environment and have formed many friendships. "It has helped their maturity; they are extremely comfortable in an adult environment."

President Hunter Rawlings recently released a proposal for residence life that recommends more faculty be involved in the faculty-in-residence and faculty fellows

programs. Edmondson is a strong proponent of that idea.

"If a faculty member can contribute in any way to making a Cornell student's experience more diversified, or can help students relate in a more relaxed way to the academic, intellectual side of things by making them feel more a part of the community — that is a compelling reason to become involved in this program," he says. "Not to mention, I have found this personally rewarding. Some of my own life expectations have been beautifully transformed by the faculty-in-residence experience."

'Lifelines' reunion-conference entertains alumnae at Cornell Club

More than 100 Cornell alumnae, classes '53-'63, from as far as California converged on the Cornell Club in New York City, March 29 and 30, for a unique reunion forum that focused on common concerns of their generation and adapting to the dramatic social changes since graduation.

Forum invitations, mailed by organizers from the Class of '58 to nearly 5,800 alumnae, included a survey of life outcomes vs. expectations during campus years, and a request for "lifelines," — major changes, turning points and likely next steps as an outline of one's life history. To date, more than 760 surveys and hundreds of lifelines have been received.

"I've studied women's lives for many years and have never been as moved as by the lifelines and surveys from you," said keynote speaker Phyllis Moen, director of the College of Human Ecology's Bronfenbrenner Life Course Center, who originally requested the lifelines. "I'm incredibly impressed by the response." Noting how the research showed Cornell women adapting to historic social changes from the 1950s to the 1980s, Moen, the Ferris Family Professor of Life Course Studies, observed: "In the '70s and '80s, women's goal was to be more like men. In the '90s, I see women and men becoming more like women, stepping out of lockstep and cobbling together whatever works for successful lives."



Elsie Popkin '58

Participants at the recent Lifelines forum at the Cornell Club in New York City are, from left to right, Ruby Senie '57, Madeline Noveck '58, Alison Jolly '58, facilitator Jan Nickerson '72, Barbara Orlando '58, Phyllis Moen, the Lifelines keynote speaker, and Anita Miller '58, who was forum co-chair with Orlando.

Other forum speakers were Dr. Dale Rogers Marshall '59, president of Wheaton College; Dr. Ruby Tomberg Senie '57, a leading breast cancer researcher now at Memorial Sloan-Kettering Cancer Center in New York; Madeline Isaacs Noveck '58, president of Novos Planning Associates financial planners of New York, and Dr. Alison Bishop Jolly '58, a noted primatologist currently at

Princeton. Jan Nickerson '72, president of the Prosperity Collaborative of Boston, served as facilitator.

Co-chairs of the Lifelines Forum from the Class of '58 are Anita Podell Miller of Albuquerque, N.M., and Barbara Buehrig Orlando of New York City. The idea grew out of women's breakfast forums started by '58 women at their 25th reunion in 1983, subsequently continued

by Orlando and now a reunion feature for a number of classes.

As the third '58 breakfast forum ended in June '93, Anita Miller agreed to head a committee for a larger event. Subsequent planning, supported by '58 co-presidents Carol Boeckle Welch and Betty Anne Steer Merritt, came to include women of the classes five years before and after 1958 — those friends Cornellians rarely see at regular five-year reunions.

The forum planning group did its own fundraising. Corporate and individual sponsors whose contributions helped make the event a reality include: Avon LifeDesigns of New York City, Deloitte & Touche LLP of Boston; Lord Abbett & Co. Investment Management of New York; The Old Chatham Shepherding Co. Inn of Old Chatham, N.Y. — owned by Nancy Williams Clark '62 and Tom Clark '63; Virginia Lindseth '56, Nancy Schlegel Meinig '62 and Ellen Adelson, Almeda Church Riley, Jean Kelly Rolles, Harriett Auerbach Peters, Carol Welch and an anonymous donor, all '58.

A number of women who came cited the Lifelines Forum as the first alumnae event they had participated in since graduation from Cornell. Many expressed enthusiasm for the overall program, meeting together with members of concurrent classes and the idea of similar events, perhaps in other regions of the country.

Faculty Fellows proposals sought

The Faculty Fellows in Service Program was initiated by the President's Fund for Educational Initiatives and is supported by the vice president for student and academic affairs. It provides a vehicle for faculty and students to work together to provide community service.

The program's goals are:

- To encourage more faculty members to become involved in community service activities, and to work directly with students in doing so;
- To involve more students, primarily undergraduates, in a service activity outside of the classroom to enrich their education; and
- Through these efforts, to strengthen Cornell's commitment to service at the local, state, national and international levels. Applicants can request funding for the summer or fall terms for up to \$2,000.

A project must be designed to address a need identified by the community to be served, and it must produce an outcome of benefit to the community group for whom the service is provided. Faculty and students cannot displace a paid employee in the community. All applicants with faculty status are eligible, whether in teaching or research positions. Projects must involve undergraduates, but a small number of graduate students may be included. All students must work under the close supervision of a faculty member.

Participation is open to all Cornell students independent of financial need. All proposals are reviewed by a committee of faculty members representing the undergraduate colleges of the university.

The deadline for summer 1996 proposals is June 3. Awards will be made by June 10. The deadline for fall 1996 proposals is July 1. Awards will be made by July 15.

To obtain more information on the guidelines for proposals or to submit proposals, contact Ruth Bounous, Human Service Studies Department, 186 MVR, 255-2503, <rmb12@cornell.edu>.

The world view



Charles Harrington/University Photography

Chief Emeka Anyaoku, secretary-general of the Commonwealth of Nations, lectures to a David L. Call Alumni Auditorium audience on April 4. In his talk, "The Commonwealth and the Challenge of Divisive Pluralism," Anyaoku discussed explosive internal problems that arise from cultural and racial divisions within countries. And pointing out the examples of genocide in the former Yugoslavia and the racial divide revealed by the Simpson trial in the United States, he warned that the dangers of such divisions are not confined to struggling Third World countries.

Celebration-lecture marks Royal Academy induction for Greenwood

Colleagues will honor Professor of Anthropology Davydd J. Greenwood on the occasion of his induction to the Spanish Royal Academy of Moral and Political Sciences with a special lecture and celebration Friday, April 12, at 3:30 p.m. in 165 McGraw Hall.

The celebration, which is co-sponsored by the Department of Anthropology, the

Mario Einaudi Center for International Studies and the Institute for European Studies, follows Greenwood's Royal Academy election, which recognized his 30 years of anthropological study of the Basque people.

Harvard University Professor of Anthropology Michael Herzfeld will deliver a lecture, "The Taming of the Revolution: Three

Styles in the Narrative of Selfhood."

A reception follows the talk in 215 McGraw Hall.

A member of the Cornell faculty since 1970, Greenwood is the Goldwin Smith Professor of Anthropology in the College of Arts and Sciences and a former director of the Einaudi Center.

Update service keeps software current, consistent for Bear Access users

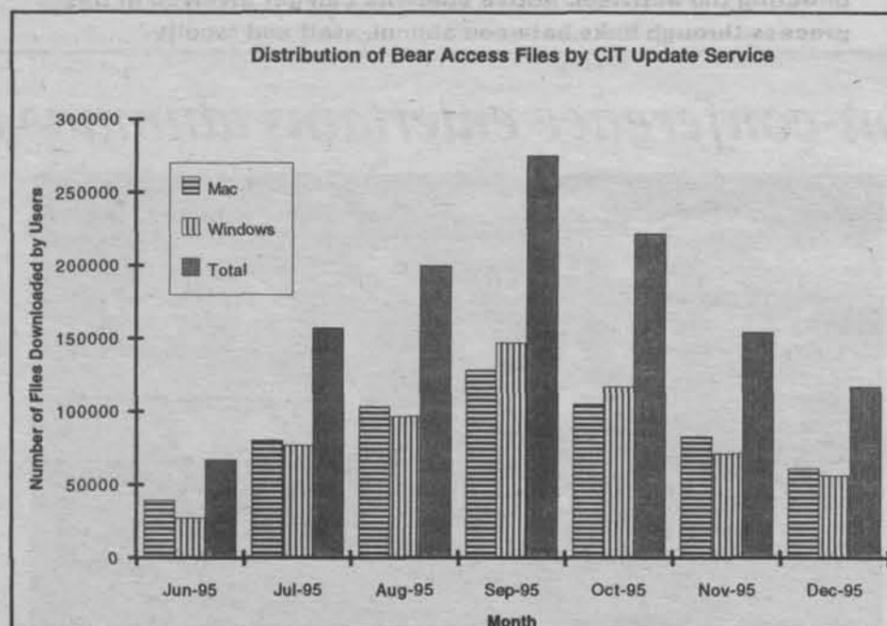
By Sharon Marcus

Imagine how busy you'd be if you had to install more than a million software files on thousands of computers over the next seven months, at a rate of roughly five thousand files per day. Also consider that you could receive requests for installing those files at any time of the day or night from a diverse and widespread population of computer users. Sound impossible? For a human being, it certainly would be. But for the update service, it's just an ordinary work shift.

The update service provides automatic software installation and updating over the network to those who use the Bear Access package of network services at Cornell. Once installed on a Macintosh or Windows-based computer, Bear Access presents members of the Cornell community with a list of network services they may download and use at no charge, such as Eudora for e-mail and Netscape for browsing the Web. When new versions of the Bear Access package are released, users do not need to re-install it because the update service keeps both network services software and the mechanisms responsible for delivering that software (e.g. the Launch Pad application) up-to-date.

Use of the update service has grown dramatically in the past year. As the file distribution chart illustrates, more than a million software files (1,190,473) were delivered by the update service to members of the Cornell community from June to December in 1995. By comparison, fewer than half that number of files (402,796) were delivered during the same period in 1994.

The update service works by communicating over the Cornell campus network with the update server, a computer maintained by Cornell Information Technolo-



gies (CIT) that stores copies of all the latest Bear Access-related software files. To ensure that you are running the most current versions of network services software available, the update service compares your copies with the ones housed on the update server (a process called version control). When your copies are out-of-date, the update server replaces them with the latest version available (this process is called software distribution or file distribution). Together, version control and software distribution provide a considerable cost savings to the Cornell community.

Barbara Skoblick, manager of the Collaboration Systems group in CIT, says the update service makes her task of delivering collaborative applications much easier. "The update service makes it possible for us to

control the distribution of commercial software packages to the entire Cornell community—such as Eudora for electronic mail—in compliance with the terms of the site licenses for those packages," she explained.

"If the update service were not available," continued Skoblick, "CIT would have to spend a great deal of money and time on delivering diskettes to Cornell's 24,000 Eudora users twice a year, verifying users' identities at the point of software delivery, and consulting for problems caused by not being able to deliver special updates and bug fixes immediately over the network."

Just the Facts was the first Bear Access network service to make use of the update service. David Yeh, assistant vice president of student and academic services, uses this technology with Just the Facts to allow stu-

dents to view on-line information they need most, such as their grades, course schedules, address information and bursar bills. Yeh has observed significant improvements in Cornell's student and academic services since Just the Facts was first released in 1989. "We have virtually no lines, a significant reduction in paper use, more accurate data and increased productivity," he said.

University Human Resource Services (UHRS) uses the update service to deliver Employee Essentials, a network service that offers on-line information about life insurance, health insurance, job opportunities and retirement benefits to over 15,000 faculty, staff and student employees at Cornell. "Without the update service, we probably couldn't support this kind of network service," said Judy Hyman, the UHRS technical consultant who is responsible for supporting Employee Essentials.

Additionally, said Hyman, "Version control is critical for the delivery of network services at Cornell." When network services "break," version control permits the immediate delivery of new, fixed versions of files to the entire user population.

To use the update service, you must have a Cornell Network Identity (Net ID) and password, a connection to the Cornell campus network and a copy of the Bear Access software installed on your Macintosh or Windows-based computer.

Bear Access and the update service were created with software tools from Project Mandarin Inc., a consortium of more than 20 academic institutions founded by Cornell to promote collaboration in client-server technology development.

For more information about the update service or Bear Access, take a look at the Bear Access Project Web server <<http://mandarin.cit.cornell.edu/bearaccess>>.

Undergraduate trustee wants to provide a link for students

By Akil Salim Roper '97

Julie Chon believes in breaking down barriers to open communication between the student body and its representatives, and she says she'll do just about anything to achieve that goal.

Chon '98, a government major, became the new undergraduate student-elected trustee after voting results were announced March 11. Her term begins officially on July 1.

"I'm going to try to work with everybody as best I can and make myself available as a representative of all students," Chon said.

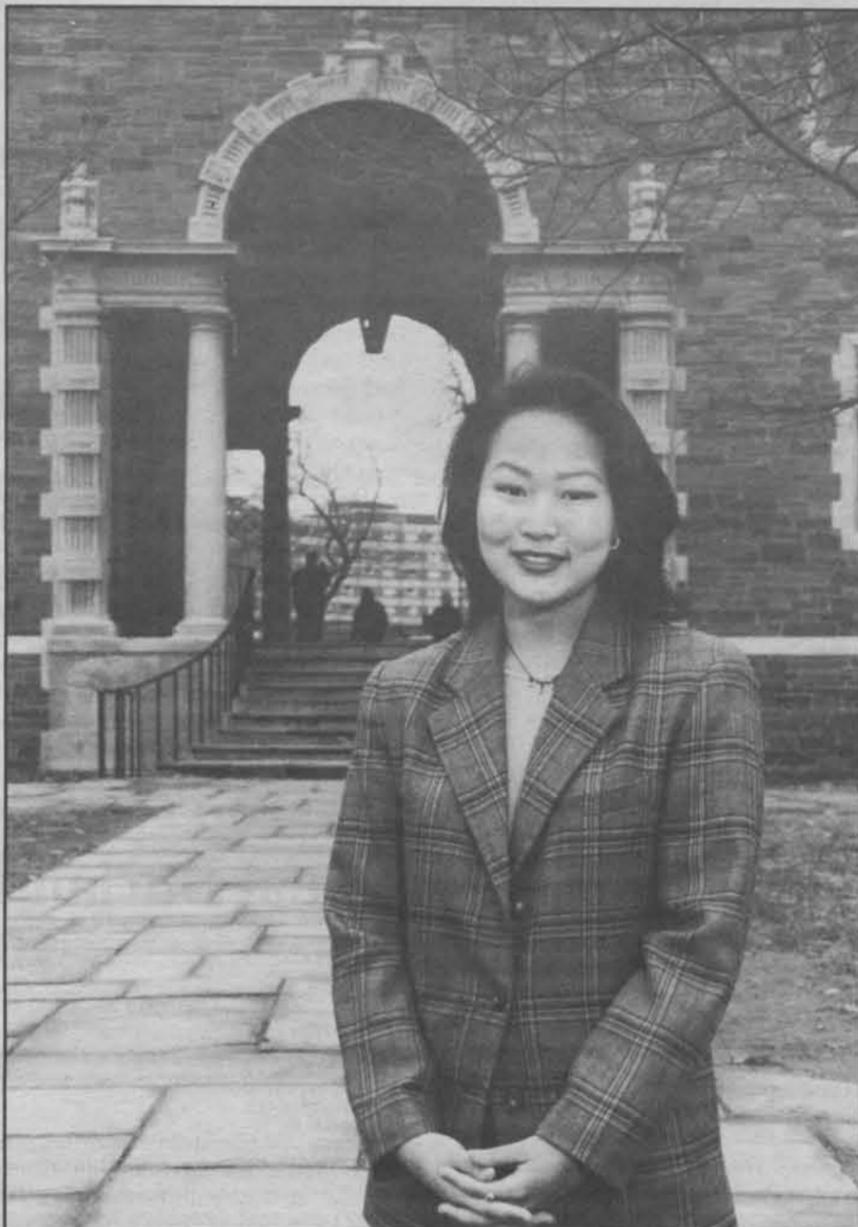
Chon's responsibilities during her two-year term as a trustee will include keeping informal contact with the student body, maintaining a student trustee e-mail account, giving bimonthly reports in the *Cornell Daily Sun* and participating in two of nine trustee committees. Her preferences are the Alumni Affairs and Development, and Land Grant and Statutory College Affairs committees.

The Cornell Board of Trustees has 42 members, two of whom are student-elected undergraduates. Trustees do much of the board's work in the separate committees, where proposals are made for items to be placed on the full board's agenda. The board meets and votes four times a year, the most recent meeting taking place on campus March 28 and 29, when Chon was introduced as a new member. Cornell currently is the only Ivy League school in which student-elected trustees have full board-of-trustees voting privileges.

"It is important for each of us as trustees to go out to people and represent their views," Chon said. "Don't assume that the trustees will agree all the time. If we had the same views, it would be a sign that somebody is not being represented."

"Having student trustees on the board opens up the other board members' eyes to real campus student issues," she continued. "Some trustees only come to campus for the meetings. Cornell '54 is a different place than Cornell '96. It is crucial for these seats to be on the board — without them, (the other trustees) would not know what the students concerns are," she said.

Chon will be working with the other undergraduate-student elected trustees, Karin Klapper '96 — whose position Chon will take in July — and Kety Esquivel '97 — who has another year on the board — on issues students raise in forums such as Student Assembly meetings, which Chon attends regularly. She said her interaction with the Student Assembly has been casual up to this point, but she will publicly address the body when her trustee term begins officially. How-



Adriana Rovers/University Photography
Julie Chon '98, Arts and Sciences, recently elected to the Cornell Board of Trustees, poses in front of Balch Hall.

'People say Cornell students are apathetic, but there are a lot of student groups and organizations. I think the problem is directing the activism. Active students can get involved in the process through links between alumni, staff and faculty.'

— Julie Chon

ever, Chon emphasizes that her closest contact should be with students, not just with student government.

Chon said campus activities, such as living in a French language house, involvement in political organizations and participation in a theater group, have given her access to a broad range of student

views, even though this has been her first experience with student elections.

"I see a lot of frustration among the entire student body not being adequately addressed at the student governance level, from the uncomfortableness people feel with their representatives," she said.

Chon said she is determined to listen

to and represent the student body on their level.

"Some representatives are distant. I plan to be out there with the students. Even though there are some students I'm sure I don't agree with, I'm not out to attack them but let them know they can talk to me," she said.

One of Chon's main concerns will be helping to lobby, with assistance from the university's government affairs office, against government cuts to student-aid funding. She said she feels this is a large issue that connects students at Cornell, who sometimes feel separated from the rest of society, with the outside world. On campus and off, Chon said, there is a great deal of concern and lot of opposition to the proposed cuts.

And besides advocating for educational access, Chon said she would like to defend all Cornell program houses, especially for freshmen.

Academically, Chon said she is most interested in U.S. government courses but enjoys a whole range of courses outside this concentration, such as philosophy and anthropology.

"Cornell students are very diverse, racially, geographically and academically. This, I believe, is one of Cornell's greatest assets. That is why I think the program houses are so important. People should be able to express themselves and get to know as many others as possible," Chon said.

A Red Bank, N.J., native who graduated from Freehold Township High School, Chon said she wants to run for public office after college or continue her education in graduate or law school.

"I can't really see myself doing anything other than being politically involved with my community," Chon said.

Although she is enjoying her Cornell experience, Chon said there are things that she would like to see changed here to make the experience better.

"I would like to see students taken more seriously by the administration and have each side show the other more respect. We need to have more communication across the board — a lot of students don't even know who their administrators are," she said.

"People say Cornell students are apathetic, but there are a lot of student groups and organizations. I think the problem is directing the activism," she said. "Active students can get involved in the process through links between alumni, staff and faculty."

Chon describes those links as essential, and she hopes she can provide one of those vital links for students.

"I just hope I can do a good job," Chon said.

No-interest state loan is helping everyone on campus see the light

By Larry Bernard

Cornell has received an \$890,940 interest-free loan from New York to help refurbish and replace lighting with energy-efficient bulbs and fixtures across campus.

The five-year program, which began in 1991 and should be completed next month, already is saving enough electricity to service a small town of 4,000 people, Cornell energy engineers said.

"We're getting better lighting with a little over half the electricity we were using before," said Jeffrey Price, program manager in the Planning, Design and Construction unit. "The lighting is uniformly better and energy efficient throughout campus. This is certainly comparable to the best energy conservation projects anywhere in the country."

The state loan, announced last week by State Sen. James L. Seward (R-50th), comes

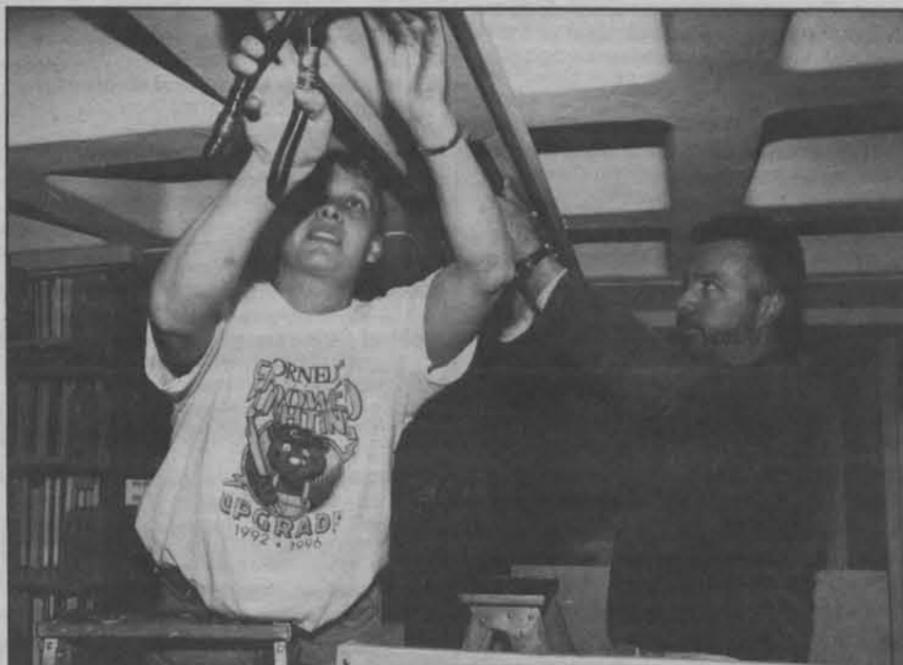
through the New York State Power Authority and will be paid back over the next five years. It saves Cornell about \$150,000 in interest over that time.

The lighting program, a \$3 million effort, already has saved 3,275 kilowatts, or \$680,000 per year, at today's energy costs. New York State Electric & Gas Corp. (NYSEG) also is contributing to the program.

Electricians already have replaced, refurbished or redone lighting in 46 buildings, including dormitories — a total of 40,000 fixtures that have been either replaced or refurbished. About 40 temporary electricians from as far away as Watertown are helping get the job done, Price said.

"Our electricians have worked, in some cases, day and night, so as not to interfere with activities in the buildings," Price said.

The project manager is Dann Braid, electrical shop foreman is Jake Benninger and the crew chief is Glenn Cotterill.



Frank DiMeo/University Photography
Patty Siegard, left, and Mike Cron, electricians with Facilities and Campus Services, change fixtures in Olin Library as part of a project to refurbish and replace lighting with energy-efficient bulbs and fixtures across campus.

CALENDAR

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Olin Foundation Lecture

"Why We Need a National Conversation on Race," Lani Guinier, University of Pennsylvania Law School, April 11, 7:30 p.m., Statler Hall Auditorium.

Peace Studies

"Apes From Venus: Bonobos and Human Social Evolution," Frans de Waal, Emory University, April 12, 3:30 p.m., 132 Rockefeller Hall.

Public Affairs, Institute for

"The Breakup of Canada: Will Quebec Separatists Finally Succeed?" Edward Goldenberg, senior policy adviser to the prime minister of Canada, April 12, 3 p.m., Bache Auditorium, Malott Hall.

Public Service Center

"Gender Bias in the College Classroom and Strategies for Change," David Sadker, American University, April 18, 3:30 p.m., Biotechnology Building Auditorium.

Southeast Asia Program

"Citing Angkor: Contemporary Painting in the Age of Restoration," Ingrid Muan, Ph.D. candidate, Columbia University, April 11, 12:15 p.m., Kahin Center, 640 Stewart Ave.

"Engendering Entrepreneurship: Ideologies and Political-Economic Transformations in a Northern Vietnamese Manufacturing Center," Hy Van Luong, University of Toronto, April 18, 12:15 p.m., 640 Stewart Ave.

University Lectures

"Jesus and Muhammad: An Essay in Comparative Historiography," Francis Peters, New York University, April 18, 4:30 p.m., Goldwin Smith D.

Women's Studies

"Estranged to Ourselves: Testimony Trauma and the Legacies of Colonialism in Sally Morgan's *My Place*," Rosanne Kennedy, visiting scholar, April 12, 3:30 p.m., 280 Ives Hall.

MUSIC

Department of Music

• April 11, 8:15 p.m., Unitarian Church: Annette Richards, organ, will perform works by Sweelinck, Weckmann, Schiltdt and Buxtehude.

• April 12, 8:15 p.m., Sage Chapel: The Cornell Choral will present Benjamin Britten's *Rejoice in the Lamb* and Gabriel Faure's *Requiem*.

• April 13, 8 p.m., Bailey Hall: The Cornell University Chorus and Glee Club, guest vocal soloists and the Cayuga Chamber Orchestra will perform works by Mozart and Beethoven. Tickets are available at the ticket center in Clinton House (273-4497) and Hickey's Music Center (272-8262).

• New Music from Cornell, originally scheduled for April 14 at 8:15 p.m. in Barnes Hall, has been canceled.

• April 15, 8:15 p.m., Barnes Hall: Cornell faculty and students perform songs of Hugo Wolf with readings from Blackall's translation of *Wilhelm Meister*, assisted by Professor Arthur Groos.

• April 16, 8:15 p.m., Barnes Hall: DMA candidate Brian Brooks will perform Johann Sebastian Bach's *Sonata in G minor*, *Partita in B minor* and *Sonata in A minor*.

Bosnia Student Project Benefit

A concert of chamber music by J.S. Bach, Beethoven and Bartok will be performed April 14 at 3:30 p.m. at the First Baptist Church, DeWitt Park, Ithaca. The concert serves as a benefit for the Bosnian Student Project. A donation of \$10 is suggested. Tickets may be reserved by calling 272-2262 or obtained at the door.

Cornell Concert Commission

The Cornell Concert Commission and Cornell University Program Board are proud to present an evening of questions and answers . . . and a little music with Billy Joel, April 16 at 7 p.m. in Bailey Hall.

Bound for Glory

April 14: Bill Staines will perform in the Cafe in Anabel Taylor Hall at 8:30, 9:30 and 10:30 p.m. Bound for Glory is broadcast from 8 to 11 p.m. on WVBR-FM, 93.5 and 105.5 from 8 to 11 p.m.

RELIGION

Sage Chapel

Andre LeCoq of the Chicago Theological Seminary will give the sermon April 14, Yom Hashoah (Holocaust Memorial), at 11 a.m. in Sage Chapel.

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-22 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/cs0.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: 6 p.m., Founders Room, Anabel Taylor Hall; Reform: 6 p.m., ATH Chapel; Orthodox: call for time, 272-5810, Young Israel.

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

• **Freedom Seder:** A freedom seder exploring "Similarities Between African-American and Jewish Experience" will be held April 14 from 1 to 4 p.m. in the Memorial Room of Willard Straight Hall.

• **Yom Hashoah Vigil:** Commemoration day in honor of the Holocaust, April 16, 9 a.m. to 9 p.m., outside Willard Straight Hall.

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 directions or transportation, 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.

Orthodox Christian (Eastern Orthodox)

Sundays, Divine Liturgy at 10 a.m., St. Catherine's Greek Orthodox Church, 120 W. Seneca St., 273-6884.

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

African Development, Institute for

"Creating a Climate for Private Investment in Kenya," Winnifred Ouko, MBA student, Johnson School, April 15, 12:15 p.m., 208 W. Sibley Hall.

Agricultural & Biological Engineering

"Future Positioning of the New York Dairy Industry," David Galton, animal science, April 16, 3:45 p.m., 400 Riley-Robb Hall.

Agricultural, Resource & Managerial Economics

"Grocery Industry Balance of Power: Is It Shifting?" Edward McLaughlin, ARME, April 12, 1 p.m., 401 Warren Hall.

Animal Science

"Microbial Detoxification in Foregut Fermenters," Maria-Gloria Dominguez-Bello, Venezuelan Institute for Scientific Research, Caracas, April 16, 12:20 p.m., 348 Morrison Hall.

Anthropology

"The Taming of Revolution: Three Styles in the Narrative of Selfhood," Michael Herzfeld, Harvard University, April 12, 3:30 p.m., 165 McGraw Hall.

Applied Mathematics

"On the Fundamental Role of Interior-Point Methodology in Algorithms for Constrained Optimization," Richard Tapia, Rice University, April 12, 3 p.m., 456 Rhodes Hall.

Historian F.E. Peters will discuss Jesus and Muhammad in lecture

By Jill Goetz



Peters

Arguably the two most important figures in history will be the topic of a lecture on Thursday, April 18, given by noted historian Francis E. Peters at 4:30 p.m. in Room D of Goldwin Smith Hall.

Peters, a professor of Near Eastern languages and history at New York University, will give a University Lecture titled "Jesus and Muhammad: An Essay in Comparative Historiography." Peters will deliver this semester's final University Lecture, the most prestigious forum Cornell offers visitors to deliver a single address. His talk is free and open to the public.

"I will be discussing not the Jesus of faith, but the Jesus of history and how historians approach both him and Muhammad," said Peters, noting that the subject recently has received tremendous interest among members of the American public (and was the

theme of recent cover stories in *Time*, *Newsweek* and *U.S. News and World Report*).

It's a subject few know better than Peters, who since 1969 has held a joint appointment in NYU's history and Near Eastern languages and literatures departments with secondary appointments in the Hebrew and Judaic Studies Department and Program in Religious Studies.

Outside academe, he has served as chairman of the Social Science Research Council of the Joint Committee on Near and Middle East (1977-80) and as U.S. representative for the International Commission for the Preservation of the Landmarks of Damascus (1977-84).

Peters, who holds a Ph.D. in Islamic studies from Princeton University, has made several trips to the Middle East (which have included spending Christmas in Jerusalem and Bethlehem) and written several books, including *The Children of Abraham; Judaism, Christianity and Islam; Mecca and the Hijaz; The Hajj: The Muslim Pilgrimage to Mecca and the Holy Places; and Muhammad and the Origins of Islam*.

Chevron Corp. CEO to deliver annual Durland Lecture April 17

By Darryl Geddes

Kenneth T. Derr, chairman and chief executive officer of Chevron Corp., will deliver the 1996 Durland Lecture Wednesday, April 17, on campus.

Derr, an alumnus and emeritus trustee, will present "Competitive Performance: The Master Metric for an Evolving Global Economy" at 4:30 p.m. in David L. Call Alumni Auditorium of Kennedy Hall. In addition to his lecture, Derr will meet with students in the Johnson Graduate School of Management and in the College of Engineering.

From 1985 to 1989, when he assumed his present position, Derr was one of Chevron's two vice chairmen responsible for the company's U.S. petroleum business, as well as coal, chemicals, land development, research and several major corporate staff groups.

Derr is a member of President Clinton's Council on Sustainable Development and a former member of President Bush's Commission on Environmental Quality. He is a member of the Johnson Graduate School of Management's Advisory Council.

Derr earned two degrees from Cornell: a bachelor's degree in mechanical engineering in 1959 and an MBA in 1960.

The Durland Lecture, coordinated through the Johnson School, is given annually by a major business executive. Roy H. Park, the late chairman of Park Communications Inc., and a small group of donors initiated the lectures to honor former Cornell Treasurer Lewis H. Durland.

Past presenters include Lou Noto, chairman and chief executive officer of Mobil Corp. (1994), and Charles R. Lee, GTE Corp. chairman and chief executive officer (1993).

Astronomy & Space Sciences

"Interstellar Grain Alignment: A New Spin on an Old Problem," Bruce Draine, Princeton University, April 11, 4:30 p.m., 105 Space Sciences Building.

Biochemistry

"Molecular Mechanisms of Fibronectin and Integrin Mediated Control of Cell Behavior," Steve Akiyama, NCI, April 12, 4 p.m., large seminar room, Biotechnology Building.

Bioengineering

"Relation of Cardiac Ventricular Wall Stress Distribution to Myocardial Injury in Valvular Heart Disease," Ed Herrold, Cornell Medical Center, April 12, 12:20 p.m., 155 Olin Hall.

"Collagen Biomaterials for Biomedical Engineering Uses and Entrepreneurship," S.T. Li, president, Regen Biologs, April 16, 1:25 p.m., Auditorium, Martha Van Rensselaer Hall.

Biogeochemistry

"Nitrogen Processing Across Landscapes: Evidence for Contrasting Models of Wetland Importance," Rebecca Schneider, natural resources, April 12, 4 p.m., A106 Corson Hall.

Biophysics

"P-Type ATPases: The Molecular Mechanism of Iron Pumps," Jack Kaplan, Oregon Health Sciences University, April 17, 4:30 p.m., 700 Clark Hall.

Chemical Engineering

"Dynamics of Polymer Surfaces," Steve Granick, University of Illinois at Urbana-Champaign, April 18, 3:45 p.m., 165 Olin Hall.

Chemistry

"Carbenoids, Nitrenoids, Oxenoids: 'Anions' as Electrophiles," Gernot Boche, Universitat Marburg, Germany, April 15, 4:40 p.m., 119 Baker.

Cognitive Studies

"Phenomenal Qualities," Robert Van Gulick, Syracuse University, April 18, 8 p.m., 164 Goldwin Smith Hall.

Ecology & Systematics

"Climate Feedbacks, Biological Cycles and the Biogeochemistry of the Sargasso Sea," Anthony Michaels, Bermuda Biological Station for Research Inc., April 11, 4:30 p.m., 213 Kennedy Hall.

Electrical Engineering

"Bioelectronics, Three-Dimensional Memories and Hybrid Computers," Robert Birge, Syracuse University, April 16, 4:30 p.m., 101 Phillips Hall.

Fruit & Vegetable Science

"The Future of Fruit Breeding," Jules Janick, Purdue University, April 11, 4 p.m., 404 Plant Science Building.

"Growth and Gas Exchange Responses to Water Stress in Apple Trees and Grapevines Early in the Season," Manea Al-Hazmi, fruit & vegetable science, April 18, 4 p.m., 404 Plant Science Building.

Food Science

"Nonthermal Processing of Foods," Barry Swanson, Washington State University, April 16, 4:15 p.m., 204 Stocking Hall.

Genetics & Development

"Bacterial Leaf Spots, Plague and the Genetics of Virulence Protein Delivery," Alan Collmer, plant pathology, April 15, 4 p.m., large seminar room, Biotechnology Building.

"Identification of Molecular Markers Closely Linked to the *Rf* Gene in *Petunia*," Stephane Bentolila, April 17, 12:20 p.m., small seminar room, Biotechnology Building.

Geological Sciences

"The Origin of Dipping Reflector Structure in the Crust and Upper Mantle Beneath the British Caledonides," John McBride, Illinois State Geological Survey, April 16, 4:30 p.m., 1120 Snee Hall.

International Studies in Planning

"Recovery of Cultural Resources for Bolivian Development," Kevin Healy, InterAmerican Foundation, April 12, 12:15 p.m., 115 Tjaden Hall.

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CALENDAR from page 10

Vet Open House



The 30th annual Veterinary Open House is scheduled for April 13 from 10 a.m. to 4 p.m. at the College of Veterinary Medicine. Animals of all kinds and the latest medical technologies will be on display. For information, call 253-3700.

sports

Baseball (8-12, 2-2 Ivy)

April 13, at Brown (2)
 April 14, at Yale (2)
 April 16, at Penn State (2)
 The diamondmen split six games last week and tasted their first Ivy League action. On Saturday, Dartmouth came to Hoy Field and captured the first game 7-6. In the nightcap, the Red rebounded for an 11-5 triumph. On Friday, the Red opened Ivy League play by entertaining Harvard. In the first game, the Crimson reigned with a 3-1 victory. In the second contest, the Big Red won 6-4. Earlier in the week on Tuesday, Ithaca College came to Hoy Field for the Mayor's Trophy twin bill and the two teams split, with the Red taking the opener 4-3, and I.C. taking the second game 12-3.

Men's Varsity Hwt. Crew (0-1)

April 14, at Rutgers
 The heavyweights opened the 1996 season at home on the Cayuga Lake Inlet last Friday (April 5), but were swept by Georgetown in all four races.

Men's Varsity Ltwt. Crew (1-0)

April 13, Pennsylvania and Harvard
 The Cornell lightweights started the season off perfectly with a clean sweep of Georgetown in four races on the Cayuga Lake Inlet last Friday (April 5). The Big Red varsity eight won easily with a clocking of 6:53.7, compared to a time of 7:03.3 for the Hoyas. The junior varsity eight won by an even wider margin (7:12.6-7:30.51) and the first freshman rowers took home Hoya jerseys with a 7:01.2-7:14.9 victory.

Women's Varsity Crew (2-0)

April 14, at Radcliffe with Princeton
 The women's crew had a tremendous day on Onondaga Lake in Syracuse last Saturday (April 6), winning three out of four races. The best performance was turned in by the varsity eight, which defeated Yale for just the fifth time in 20 attempts.

Equestrian (0-0)

April 20, Zone Championships at Port Jervis, N.Y.
 Sophomore Carrie Wood (Cincinnati, Ohio) finished second in the Open Equitation Over Fences at the regional tournament last Saturday at Cazenovia. With the top four in each event qualifying for the next level, Wood will compete at the zone championships in two weeks. Wood was declared the Reserve Champion in her event.

Men's Golf

April 13, at Yale Invitational
 April 16, at Colgate

Men's Lacrosse (3-4, 1-1 Ivy)

April 13, Dartmouth, 1 p.m.
 April 16, Hobart, 7 p.m.
 The men's lacrosse team tallied seven times in the final period en route to a 15-9 win over Maryland, Baltimore County, Saturday afternoon at Schoellkopf Field.

Women's Lacrosse (2-4, 0-3 Ivy)

April 13, at Dartmouth
 April 14, at Vermont
 The women's lacrosse team dropped a 14-7 decision to Yale Saturday at Schoellkopf Field.

Men's Polo (14-4)

The Big Red finished its home schedule last Saturday night with a 14-10 victory over the Greenwich Polo Club.

Softball (10-7, 1-1 Ivy)

April 11, at St. Bonaventure (2)
 April 13, Le Moyne (2), 1 p.m.
 April 14, Princeton (2), 1 p.m.
 April 17, Colgate (2), 3 p.m.
 The diamondwomen went 3-1 last week, sweeping a doubleheader against St. Bonaventure by scores of 4-2 and 3-2, while splitting a twin bill with Pennsylvania. The Red won the second game 4-2 after dropping the opener by a 2-0 margin.

Men's Tennis (4-9, 0-3 EITA)

April 12, Yale, 2 p.m.
 April 13, Brown, noon
 The men's tennis team fell to Pennsylvania 6-1 at home on April 5. Action resumed the next day when Cornell entertained Columbia. The Lions won 7-0, sweeping the singles competition and winning two out of three at doubles.

Women's Tennis (8-1, 1-1 Ivy)

April 12, at Yale
 April 13, at Brown
 The team split a pair of Ivy League contests last weekend, falling to Pennsylvania 5-2 on Friday and defeating Columbia 7-0 on Saturday.

Men's Outdoor Track (0-0)

April 13, Sea Ray Relays at Knoxville, Tenn.
 April 13, at Bucknell

Women's Outdoor Track (0-0)

April 13, Sea Ray Relays at Knoxville, Tenn.
 April 13, at Bucknell

Latin American Studies

"Una Experiencia de la Gestion Urbana en Caracas," Francisco Cesto, Simon Bolivar University, seminar in Spanish with English translation, April 16, 12:15 p.m., 153 Uris Hall.

Materials Science & Engineering

"Materials and Mechanics Considerations for Flip Chip Organic Packaging," William Chen, IBM, April 11, 4:30 p.m., 140 Bard Hall.

Microbiology

"Host-Parasite Interaction," Mercio Pereira, Tufts New England Medical Center, April 12, 12:15 p.m., Boyce Thompson Auditorium.
 "Recombinant Ictalurid Herpesvirus 1: A Vaccine Vector and Model for Fish-Herpesvirus Interactions," Larry Hanson, Mississippi State University, April 15, 12:15 p.m., Boyce Thompson Auditorium.

Natural Resources

"Opposing Predation Pressure and Induced Vertical Response in *Daphnia*," Howard Riessen, Buffalo State College, April 11, 3:30 p.m., 304 Fernow Hall.

Neurobiology & Behavior

"Imaging Neural Activity With Single Cell Resolution in Escaping Zebrafish," Joseph Fetcho, SUNY Stony Brook, April 18, 12:30 p.m., A106 Corson Hall.

Nutritional Sciences

"Acculturation and Diet in Korean-Americans," Soo-Kyung Lee, nutritional sciences, April 15, 12:20 p.m., 339 MVR Hall.
 "High Dietary Retinoic Acid Inhibits Tumor Promotion and Malignant Conversion in a Two-Stage Skin Carcinogenesis Protocol Using 7, 12-dimethylbenz[a]anthracene as the Initiator and Mezeirin as the Tumor Promoter in Female SENCAR Mice," Gisele Bernstein, nutritional sciences, April 16, 12:20 p.m., 100 Savage Hall.
 "Zinc Supplementation in Young Children With Acute Diarrhea in India," Sarah Talbot and Lisa Studdert, nutritional sciences, April 17, 12:20 p.m., 100 Savage Hall.
 "In Vitro Study of Ornithine Decarboxylase Translational Regulation: Background and Method," Chyh-Liang Chern, nutritional sciences, April 17, 3:30 p.m., 200 Savage Hall.

Operations Research & Industrial Engineering

"So You Want to Start a Toy Company" or "Learning Fast About Manufacturing in China," Richard Rothkopf, chairman, Learning Curve Toys, April 11, 4:30 p.m., 155 Olin Hall.

Ornithology

"Saving Surinam Rainforests and Protecting the World's Ozone," Peter Kaestner, Office of Ecology and Terrestrial Conservation, U.S. State Department, April 15, 7:30 p.m., Fuertes Room, Lab of Ornithology.

Peace Studies Program

"Peacemaking Among Primates," Frans de Waal, Emory University, April 11, 12:15 p.m., G-08 Uris Hall.
 "To the Right, March: The Politics of the U.S. Military," Dana Isaacoff, visiting fellow, April 18, 12:15 p.m., G-08 Uris Hall.

Pharmacology

"Regulation and Function of Phospholipase D," Alex Brown, University of Texas, April 16, noon, Lecture Hall III, Veterinary Research Tower.

Plant Biology

"The Ethylene Response Pathway in *Arabidopsis*: A Two-Component Gene Family," Caren Chang, University of Maryland, April 12, 11:15 a.m., 404 Plant Science Building.
 "New NMR Methods for Determination of pH, Anions and Metabolites *in vivo* in Plants," Yair Sachar-Hill, USDA/ARS Eastern Regional Research Center, April 12, 2 p.m., 404 Plant Sciences.

Plant Breeding

"Identification of Positive QTL Alleles From Wild Species of Rice," Jinhua Xiao, plant breeding, April 16, 12:20 p.m., 135 Emerson Hall.

Plant Pathology

"hrpZ, Above and Beyond - Pathovars, Pathogenesis and the Hypersensitive Response in the World of *Pseudomonas syringae*," Gail Preston, plant pathology, April 16, 3 p.m., A133 Barton Laboratory, Geneva.
 "Biological Diversity in Squash Mosaic Comovirus," Jim Haudenshield, plant pathology, and "Progress Towards Cloning a CaMV Resistance Gene in *Arabidopsis*," Slava Andrianov, Boyce Thompson Institute, April 17, 12:20 p.m., 404 Plant Science Building.

Psychology

"Gravid Without Gravity: Pregnant Rats in Space," Jeffrey Alberts, Indiana University, April 12, 3:30 p.m., 202 Uris Hall.

Rural Sociology

"Bolivia's Coca/Cocaine Economy: The Peas-

ant Growers Movement," Kevin Healey, InterAmerican Foundation, April 11, 12:30 p.m., 401 Warren Hall.

"Recovery of Cultural Resources for Rural Development in Bolivia," Kevin Healey, InterAmerican Foundation, April 12, 12:15 p.m., 115 Tjaden Hall.

"Legal, Illegal or Temporary Immigrants: Global Systems and Gatekeeping," Bryant Lindsay Lowell, April 17, noon, 32 Warren Hall.

Science & Technology Studies

"Constructing a Public for Science: Popularization in 19th Century France," Bernadette Bensaude Vincent, Universite Paris X, April 15, 4:30 p.m., 609 Clark Hall.

Soil, Crop & Atmospheric Sciences

"Factors Affecting Protozoan Predation of Bacteria Clogging Sand Columns," Paul DeLeo, soil, crop & atmospheric sciences, April 16, 3:30 p.m., 135 Emerson Hall.

South Asia Program

"Profiles of Participatory Programs: Visual Motion Media in Indian Development," David Booker, graduate student in communication, April 15, 12:15 p.m., G-08 Uris Hall.

Statistics

"Multilevel Hierarchical Regression Models in Health Services and Outcomes Research," Constantine Gatsonis, Brown University, April 17, 3:30 p.m., 100 Caldwell Hall.

Sustainable Agriculture & Food Systems

TBA, April 17, 4 p.m., 401 Warren Hall. For info, contact Dean Hively at 255-3066 or <wdh3@cornell.edu>.

Textiles & Apparel

"Interfacial Shear Strength Measurement Using Image Analysis With Single Fiber Composite Technique," Sheldon Wesson, TRI/Princeton, April 11, 12:20 p.m., 317 Martha Van Rensselaer Hall.

symposiums

Graduate History Association

History and Memory: An Interdisciplinary Graduate Student Conference will be held April 11 through 13 in the A.D. White House.

Michael Kammen, the Newton C. Farr Professor of American History and Culture, will speak April 11 at 7:30 p.m. on "The Problem of Memory in Contemporary Historiography and Public Culture." Steven Aschheim, associate professor of German cultural and intellectual history at Hebrew University in Jerusalem and the Institute for Advanced Study at Princeton University, will give a lecture April 12 at 3:30 p.m. on "New Directions and Issues in Holocaust Historiography."

For further information about the conference, contact Jeffrey Hyson, chair, Graduate History Association, at 277-7607 or <jh31@cornell.edu>.

theater

Theatre Arts

Black Box Series: Undergraduate Neal Freeman directs *Interview* April 19 at 4:30 p.m., April 20

at 7:30 p.m. and April 21 at 2 p.m. in the Black Box Theatre at the Center for Theatre Arts. \$2.

Veterinary Players

The Veterinary Players will present *The Baker's Wife* on Friday and Saturday, April 12 and 13, at 8 p.m. and Sunday, April 14 at 5 p.m. in James Law Auditorium at the Vet College. A donation of \$5 per person is requested. Tickets are available at the student services office in Schurman Hall or at the door. Reservations can be made at 253-3700.

miscellany

Book Signings

• Lesbian comedian and author Yvonne Zipter will be at the Campus Store April 13 from 2 to 3 p.m. to sign copies of her books, *The Patience of Metal*, *Diamonds Are a Dyke's Best Friend* and *Ransacking the Closet*.

• On April 18, the Public Service Center is sponsoring a lecture at 3:30 p.m. by Dr. David Sadker, who co-authored with his wife the book, *Failing at Fairness: How America's Schools Cheat Girls*. Before and after the lecture, the Campus Store will be selling copies of the book in the auditorium of the Biotechnology Building. He will be signing copies at approximately 5 p.m.

• On April 18 from 4 to 5 p.m. in the Campus Store, Professors James McConkey, A.R. Ammons and Kenneth McClane, together with local authors Diane Ackerman and Paul West, will be signing copies of *The Anatomy of Memory: An Anthology*.

Cornell International Festival

Dance debut, April 11, 8-10:30 p.m., Statler Auditorium.

Internet Courses

An Introduction to the Internet workshop will be held April 11, and an Advanced Internet workshop will be held April 18, both from 2:30 to 4:30 p.m. in the Uris Library Computer Lab. For information call 255-4144 or e-mail <Olinref@cornell.edu>.

LGB Resource Office

The LGB town meeting with President Hunter Rawlings and Susan Murphy, vice president for student and academic services, will be held April 11 at 6 p.m. in David L. Call Alumni Auditorium, Kennedy Hall. A reception will be held at 5:30 p.m. in Kennedy Hall.

Music Library Sale

The Music Library, B21 Lincoln Hall, is offering music and art books, printed music and sound recordings for sale through 13, 10 a.m. to 5 p.m. Cash or check only. Special feature: Silent auction of a 1960 edition of the Encyclopaedia Britannica (minimum bid of \$50).

Red Cross Courses

The following standard first aid and community CPR classes are being offered for a fee of \$45. Contact the Red Cross at 273-1900 for details:

- April 12, 8 to 11 a.m.
- April 17, 8 a.m. to noon
- April 19, 8 to 10:30 a.m.

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.

CALENDAR

April 11 through April 18

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

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

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

dance

Cornell International Folkdancers

Open to the Cornell community and general public, all events are free unless noted otherwise. No partners are necessary. For information, call Edilia at 387-6547 or Marguerite at 539-7335 or send e-mail to David at <dhr1@cornell.edu>.

April 14, North Room, Willard Straight Hall: 6:30 p.m., monthly planning meeting; 7:30 p.m., Balkan line dances, 8:30 p.m., request dancing.

Cornell Jitterbug Club

The following courses are \$40 in advance, \$45 at the door. For information, call Bill Borgida at 255-4404 or 273-0126.

• Cajun and Zydeco dancing: Learn the basics of Cajun two-step and waltz, Cajun jitterbug, and Zydeco. Six-week series starts Tuesday, April 16, 7:15 p.m., call for location.

• Survival Dancing: Learn the basics of swing, merengue, salsa, waltzing and slow dancing. Six-week series starts Tuesday, April 16, 8:30 p.m., call for location.

Israeli Folkdancing

Thursdays, 8 p.m., Edwards Room, Anabel Taylor Hall. For information, call 255-4227.

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.

- "Playfulness and Fashion: Intro From the Weston Collection," through May 12.
- "For the Enjoyment of Art: The Lockhart Collection," through May 12.
- "Still Time: Photographs by Sally Mann," through May 26.
- "A Life Well Lived: Fantasy Coffins of Kane Quaye," through June 16.

Cornell Design League Fashion Show

Apparel designs by Amy Melissa Steinberg, Kristin Boekhoff; runway design by Abigail Brueggeman, and others, April 13, 5 and 8 p.m., Barton Hall.

Design and Environment Analysis

Interior and architectural work by Robin Guenther, AIA, and her firm, Architecture + Furniture, through April 12, E124 MVR Hall.

Kroch Library Exhibition Room 2B

"Invention and Enterprise: Ezra Cornell, a 19th-Century Life," curated by Elaine Engst, university archivist, through June 9.

Tjaden Gallery (M-F, 8 a.m. to 5 p.m.)

- Paintings by Megan Lipke, through April 13.
- Paintings by Guillermo Hinojosa-Canales, April 13-20.

Veterinary Medical Center

Paintings by Corinne T. Kenney, DVM '62, are on display in the center's gallery through June 9.

Willard Straight Hall Art Gallery (9 a.m. to 10:30 p.m.)

- Sculpture by Sandra Toro, through April 12.
- Paintings, photographs and photo collage by Patricia Chu, April 15-26.

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.

Thursday, 4/11

- "A Tale of Love" (1995), directed by Trinh T. Minh-ha, 4:30 p.m., free.
- "Charulata" (1964), directed by Satyajit Ray, with Madhabi Mukherjee, 7 p.m.
- "Cold Fever" (1995), directed by Thor Fridriksson, with Masatoshi Nagase, Lili Taylor and Fisher Taylor, 9:30 p.m.

Friday, 4/12

- "12 Monkeys" (1996), directed by Terry Gilliam, with Bruce Willis, Madelaine Stowe and Brad Pitt, 7:15 p.m., Uris.
- "Mother Dao, the Turtlelike" (1995), directed by Vincent Monnikendam, 7:30 p.m., free.

- "Cold Fever," 9:45 p.m.
- "Braveheart" (1995), directed by Mel Gibson, with Gibson and Sophie Marceau, 10:15 p.m., Uris.

Saturday, 4/13

- "Braveheart," 7 p.m., Uris.
- "Cold Fever," 7:15 p.m.
- "September Songs: The Music of Kurt Weill" (1995), directed by Larry Weinstein, with Lou Reed, Teresa Stratas and PJ Harvey, 9:30 p.m.
- "12 Monkeys," 10:45 p.m., Uris.

Sunday, 4/14

- "12 Monkeys," 4:30 p.m.
- "September Songs: The Music of Kurt Weill," 7:15 p.m.
- "An Autumn Afternoon" (1962), directed by Yosujiro Ozu, presented by Pentangle, 7:30 p.m., Uris, free.

Monday, 4/15

- "The Color of Fear," presented by the South Asia Association for Political and Academic Awareness, 2:15 p.m.
- "El Bruto" (1952), directed by Luis Bunuel, 7 p.m.
- "The Tempest" (1979), directed by Derek Jarman, with Heathcote Williams and Toyah Wilcox, 9 p.m.

Tuesday, 4/16

- "Broadcasts by TV Pale," presented by the Bosnia Coordinating Committee, 4:30 p.m., free.
- "Blue" (1993), directed by Krzysztof Kieslowski, with Juliette Binoche and Benoit Regent, 7:15 p.m.
- "Nitrate Kisses" directed by Barbara Hammer, 7:30 p.m., CTA Film Forum.
- "12 Monkeys," 9:30 p.m.

Wednesday, 4/17

- "Pather Panchali" (1954), directed by Satyajit Ray, with Kanu Banerji and Karuna Banerji, 7 p.m.
- "Blue," 9:30 p.m.

Thursday, 4/18

- "Suddenly Last Summer" (1959), directed by Joseph Mankiewicz, with Elizabeth Taylor, Katharine Hepburn and Montgomery Clift, 7 p.m.
- "Pather Panchali," 9:30 p.m.

graduate bulletin

• **Move to Caldwell:** The Graduate School offices will move from Sage Hall to Caldwell Hall. Anticipated moving dates are:

Records Office, Thesis Adviser, Admissions Office, and Fellowships and Financial Aid Office - May 3 to 5.

Deans' offices and Publications and Statistics Office - May 14 to 24.

• **May 3: Closed for move:** The Graduate School offices will be closed on Friday, May 3, because of the move (see exception for thesis adviser). Phone and e-mail service also will not be available on May 3. On Monday, May 6, limited services will be available in Caldwell Hall. We apologize for the inconvenience.

• **Thesis Adviser:** The thesis adviser will be available for walk-in student appointments on Friday, May 3, from 9 a.m. to noon and from 1:30 to 3:30 p.m. in the lounge of Sage Hall. On Monday, May 6, the thesis adviser will be available in 192 Caldwell Hall.

• **May Degree:** All requirements for a May degree must be completed by May 17, including submitting the dissertation/thesis to the Graduate School. Professional master's candidates should check with their field regarding earlier deadlines.

lectures

Chemistry

Debye Lectures: Theodore Geballe of Stanford University will give the Debye Lectures: "Superconductivity - From an Exotic Frontier to Mainstream Interdisciplinary Science and Emerging Technology," April 11, 11:15 a.m., 119 Baker, and "Itinerant Ferromagnetism in the Perovskite Structures of R_{1-x}A_xMn₂O₇ and Mn₂O₇," April 12, 11:15 a.m., 119 Baker.

Blomquist Lectures: John Baldeschwieler of the California Institute of Technology will give the Blomquist Lectures: "New Approaches to Cancer Diagnosis and Therapy," April 17, 4:40 p.m., 119 Baker Lab, and "Visualizing the World of Atoms and Molecules With Scanning Probe Microscopy," April 18, 4:40 p.m., 119 Baker.

CUSLAR

"Alternative Development in Nicaragua," Estebana Mendoza and Ligia Briones, rural activists from Nicaragua, April 13, 7 p.m., The Burt House, 227 N. Willard Way, Ithaca. Call 255-7293 for info.

English

On April 15 at 2:55 p.m. in Hollis Cornell Auditorium of Goldwin Smith Hall, novelist Paul West will speak as part of the "Mind and Memory" lecture series.

European Studies, Institute for

"War and Peace in Bosnia: The Way the West Won - and Lost," Enver Halilovic, University of Tuzla, April 12, 12:15 p.m., 153 Uris Hall.

Hotel School

Joseph Ferry, executive director of Bethesda Project in Philadelphia, will speak April 16 at 2:30 p.m. in 190 Statler Hall, as part of the "Housing and Feeding the Homeless" speakers series.

Landscape Architecture

Artist Patricia Johanson will speak April 17 at 4:30 p.m. in Hollis Cornell Auditorium of Goldwin Smith Hall as part of the "Ecology and the Designed Landscape" series.

Lesbian, Gay, Bisexual & Transgendered Coalition

Lesbian comedienne and author Yvonne Zipter will give a comedy show April 13 at 8 p.m. in the Willard Straight Hall International Lounge.

LGB Resource Office

LGB Families-Speakers Series: "Local Families Speak Out on Their Relationship to Public Schools and the Legal System," April 18, 7:30 p.m., International Lounge, Willard Straight Hall.

LGB Studies

"Plague, Peril and Perversity: The Chinatown 'Menace' in San Francisco, 1854-1907," Nayan Shah, SUNY Binghamton, April 12, 4:30 p.m., Goldwin Smith D.

Messenger Lecture

"Presidential Politics and Foreign Policy: Diminishing America's Global Stature," Clifton Wharton Jr., former deputy secretary of state, April 18, 4:30 p.m., David L. Call Alumni Auditorium, Kennedy Hall.

Near Eastern Studies

"Endangered Languages and Cultures in the Middle East," Robert Hoberman, SUNY Stony Brook, April 15, 4:30 p.m., 374 Rockefeller Hall.

Continued on page 10

Wharton will give Messenger Lecture on U.S. politics and foreign policy

By Jill Goetz

Clifton R. Wharton Jr., a former deputy secretary of state, chancellor of the State University of New York system and chairman of the Teachers Insurance and Annuity Association and the College Retirement Equities Fund (TIAA-CREF), will give the Messenger Lecture on Thursday, April 18, at 4:30 p.m. in the David L. Call Alumni Auditorium of Kennedy Hall.

The title of the free and open lecture is "Presidential Politics and Foreign Policy: Diminishing America's Global Stature."

As one who has served at the highest levels of international diplomacy, business and higher education, Wharton can address the topic from a rare array of perspectives. From 1987 to 1993, he was chairman and chief executive officer of TIAA-CREF, the world's largest pension fund (whose current CEO is Cornell trustee Thomas W. Jones '69).

Earlier, Wharton was president of Michigan State University (1970-78) and chan-



Wharton

cellor of SUNY (1978-87).

In the foreign-policy arena, he has held appointments under six U.S. presidents. He served on the Presidential Task Force on Agriculture in Vietnam in 1966, on the Department of

State's Advisory Panel on East Asia and the Pacific from 1966 to 1969, on Gov. Nelson A. Rockefeller's Presidential Mission to Latin America in 1969 and on President Carter's Commission on World Hunger from 1978 to 1980.

He was chairman of the board for International Food and Agricultural Development of the U.S. State Department's AID program from 1976 to 1983, co-chairman of the state department's Commission on Security and Economic Assistance in 1983 and a member of the Advisory Commission on Trade Policy

and Negotiations in 1991. More recently, in 1993, he was President Clinton's deputy secretary of state.

Wharton received the Joseph C. Wilson Award for achievement and promise in international affairs in 1977 and the President's Award on World Hunger in 1983. He holds a master's degree in international affairs from Johns Hopkins University, master's and doctoral degrees in economics from the University of Chicago and no less than 56 honorary degrees from a host of other universities.

As a trustee, his name has graced the masthead of such institutions as the Rockefeller Foundation, Equitable Life, Time, Public Broadcasting System and Federal Reserve Bank. He is a current trustee of the Overseas Development Council, SUNY Rockefeller Institute of Government, American Assembly, Winrock International and Clark Foundation. He also is a member of TIAA-CREF's Board of Overseers.

"Dr. Wharton's vast foreign policy expe-

rience and extraordinary leadership abilities have equipped him with a clear-eyed understanding of the pressing problems of a post-Cold War world," said Ralph Christy, Cornell professor of agricultural economics and a longtime friend of Wharton's, whom he met as a Michigan State University graduate student.

"He knows that many of these problems are rooted in poverty, social inequality, malnutrition and environmental degradation," Christy added, "and that a foreign policy that does not address these problems will not likely be successful."

The Messenger Lectures were established in 1924 by a gift from Hiram Messenger, who graduated from Cornell in 1880, and are designed to raise the moral standards of political, business and social life. Wharton's visit is being co-sponsored by the Department of Agricultural, Resource and Managerial Economics, the Cornell International Institute for Food, Agriculture and Development, and the South Asia Program.