

CORNELL Chronicle

Volume 26 Number 10 October 27, 1994

STATE OF THE UNIVERSITY

President Rhodes assesses how far we've come and where we need to go in his 1994 State of the University address.

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SWORDS INTO PLOUGHSHARES

The Institute for African Development is organizing the Cornell World Food Day symposium, "Swords into Ploughshares: Local Peace Initiatives in Africa" Oct. 29.

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Charles Moore '51 named Cornell athletics director

By Larry Bernard

Charles H. Moore, a former Cornell gold medal Olympian, was named Cornell's director of athletics and physical education Oct. 20.

Moore, a Cornell alumnus (class of 1951) with a distinguished record in international business, is vice chairman of Advisory Capital Partners Inc. and chairman of X-pander Inc. His new position is effective Nov. 28, said James E. Morley Jr., Cornell senior vice president who chaired the search committee for the athletic director.

"Charlie Moore has an outstanding back-

ground to bring to Cornell as director of athletics and physical education at this time," Morley said. "His personal dedication to Cornell athletics and his involvement with such organizations as the United States Olympic Committee speak to his understanding of all aspects of collegiate athletics. He brings an established record of business success and a long association with Cornell through his current membership on the executive committee of the Cornell Track Association, the Athletics Campaign Committee and the Cornell University Council. I am delighted that he will be returning to his alma mater in this leadership role."

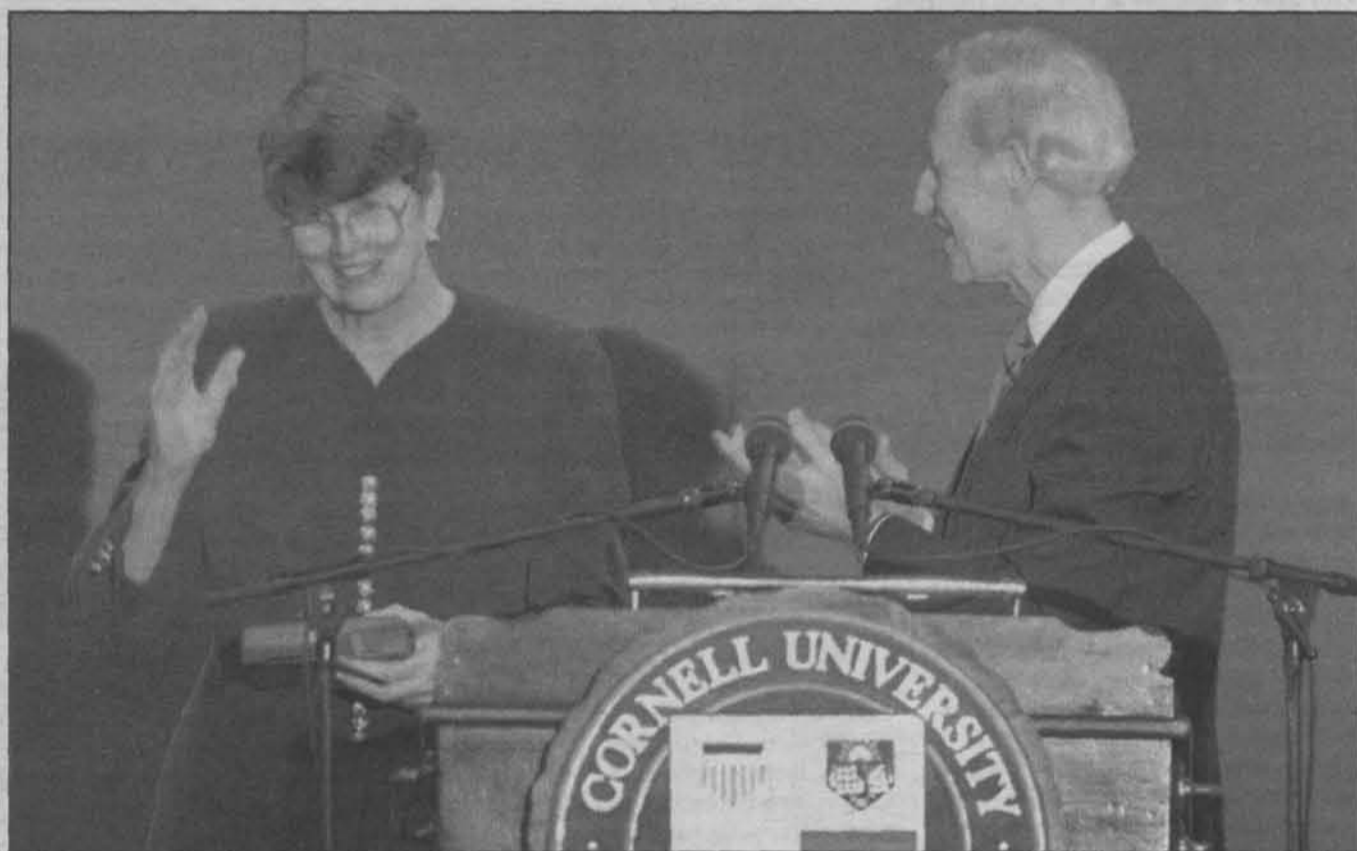
Moore said: "Cornell is fortunate to have a tradition of great athletic leadership. I will do my level best to uphold and expand on that tradition. Bob Kane, a significant figure in my own Cornell career, as well as a former athletic director of this university, commended Cornell for its 'absence of compromise in always trying to do the best that we could do.' I pledge to continue that spirit."

Moore replaces Morley, who assumed the post of acting athletic director when former athletic director Laing E. Kennedy resigned in August to take that position at Kent State University.

Moore will oversee a department of 120 full-time employees and 34 intercollegiate sports, with a budget of \$10 million. Cornell has one of the nation's largest and most diverse athletic programs, with 18 men's and 16 women's intercollegiate varsity sports involving almost 1,100 participants.

He currently serves as chairman of the Audit Committee of the U.S. Olympic Committee and is a member of the Cornell University Council, the executive committee of the Cornell Track Association and the Athletics Campaign Committee. He was chosen athlete of the decade for the 1950s by

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Peter Morenus/University Photography

President Frank H.T. Rhodes introduces U.S. Attorney General Janet Reno '60 to a packed Barton Hall audience on Oct. 20.

Reno urges investing in the nation's people

By Darryl Geddes

America must begin investing in people — especially children — to solve the nation's problems, especially crime, U.S. Attorney General Janet Reno '60 told a packed Barton Hall Oct. 20.

"We've got to take ideas and optimism and start investing in people," Reno told the audience of nearly 5,000. "For all of my lifetime in this nation, we invested in smokestacks, we invested in capital facilities, we invested in automation — we haven't invested in people."

Reno's appearance on campus, her first since becoming attorney general, was part of Cornell's Trustee-Council annual meeting. Reno served on the Cornell Council from 1972 to 1975 and is a founding member of the President's Council of Cornell Women. She recently attended a reception to help launch the Washington-Cornell campaign.

Cornell President Frank H.T. Rhodes, in his introduction of the attorney general, said the leadership she has exhibited

in Washington has been extraordinary. "She has blazed a trail literally for somebody of total unpretentiousness in a city known for its pretension," Rhodes said. "She's been known also for a level of

'For all of my lifetime in this nation, we invested in smokestacks, we invested in capital facilities, we invested in automation — we haven't invested in people.'

— Janet Reno

integrity and personal courage which have won not only bipartisan but also national admiration."

Reno, who was ushered on stage with a standing ovation, said America's most

important investment today is not in building jails, but rather giving young people a sense of hope and purpose.

"The first thing we need to do is focus on parenting and make sure that children in American are old enough, wise enough and financially able enough to take care of their children," Reno said. "Raising children is the single most difficult thing in the world to do. It takes hard work, love, intelligence and an awful lot of luck."

"If this nation can send a man to the moon, certainly it can do something to see that babies stop having babies and that parents have the skills necessary to raise their children," she said to overwhelming applause.

The attorney general urged greater use of technology and flex time to enable more parents to work at home so they may spend more time with their children.

Reno touched on the need for preventative health care for children and asked for a greater appreciation of teachers.

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Teach children consumer skills early: expert

By Susan Lang

Far too many American adults have inadequate marketplace skills and, as a result, fail to achieve many of their financial goals in life, says a Cornell expert on consumer decision-making.

"We can do a lot better," says Lois Morton, senior extension associate in Cornell's Department of Consumer Economics and Housing. "Parents need to start teaching consumer skills early, tailoring marketplace experiences and concepts to their children's developmental levels."

To help parents understand how age, development, marketplace experiences, skills and concepts relate to children's earning and spending patterns, Morton has developed a five-part leaflet series for parents, *Kids in the Marketplace*. Each four-page leaflet provides practical advice for teaching children at different ages and levels

'Parents need to start teaching consumer skills early, tailoring marketplace experiences and concepts to their children's developmental levels.'

— Lois Morton

important consumer concepts and skills.

"By failing to learn these concepts and skills, American consumers may end up needlessly spending thousands of dollars that could have been better used, for savings, education, better housing or whatever particular goals a person might have," says Morton, who works in the College of Human Ecology. "By the time we're adults, many of us make repetitive automatic marketplace choices. If we can teach good values and spending patterns early in life, these skills will carry through into adulthood and give our children a better chance of achieving their goals."

American children ages 4 to 12 spend some \$9 billion annually and influence their parents to spend another \$130 billion. The nation's 27 million teen-agers spend yet another \$95 billion annually.

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Time to change your batteries

This weekend, when clocks are turned back from daylight savings time, would be a good time to replace batteries in household smoke detectors, Cornell's Environmental Health and Safety (EHS) department says.

"Academic buildings, living units and many fraternities and sororities are equipped with automatic fire-alarm systems, but most of our homes have battery-operated smoke detectors," said Joe DeMarco, a life safety specialist at EHS. "Although smoke detectors are in about 85 percent of American homes, about one in every three doesn't work because of worn out or missing batteries."

For more information about fire safety, contact Cornell EHS at 255-8200.

Chief named at N.Y. Hospital

Dr. Manikkam Suthanthiran, an internationally recognized expert in the study and treatment of kidney diseases and transplantation, has been named chief of the newly created Department of Transplantation Medicine and Extracorporeal Therapy at The New York Hospital.

The department is a joint endeavor with The Rogosin Institute. Suthanthiran has served as acting head of the department since its inception in 1993. He has also been appointed chief of the Division of Nephrology in the Department of Medicine.

Suthanthiran will remain director of research and of the Immunogenetics and Transplantation Center at The Rogosin Institute; he will also continue as attending physician at The New York Hospital, and professor of medicine, biochemistry and surgery at Cornell University Medical College.

As chief of Transplantation Medicine and Extracorporeal Therapy and chief of Nephrology, Suthanthiran said he will ensure that New York-Cornell continues "to enhance high-quality, cost-effective and compassionate patient care in the areas of transplantation, dialysis, apheresis and renal and related diseases."

He will seek "to translate basic research advances to the bedside" as he continues "to train medical students and young physician."

CORNELL Chronicle

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Campaign trail



Sharron Bennett/University Photography
John Gutenberger, left, assistant director of community relations, greets county Rep. Beverly Livesay at a luncheon with faculty and staff members Oct. 18 in the Biotechnology Building. The lunches are being held to help inform members of the Cornell community about candidates and campaign issues. Livesay, a Democrat, is running for state senator in the 50th District.

Consumers neglect free energy-saving services

By Susan Lang

Consumers could save hundreds of dollars and their communities thousands of dollars by using free and expert energy efficiency advice and by taking several pre-winter measures, says a Cornell housing and energy efficiency expert.

But, many do not bother.

"Free energy surveys are available through utility companies to improve a home's energy efficiency as well as free expert advice in interpreting the surveys through Cooperative Extension, yet fewer than half of all households in New York state actually take advantage of these services," said Joseph Laquatra, Ph.D., Cornell associate professor of design and environmental analysis.

Saving energy dollars helps promote community development, Laquatra says, because it keeps money in the community.

"When money is spent on energy, it is transferred to export economies, losing its potential for economic development. When that money is spent instead on local goods and services, it can turn over

up to five times before it leaves a city. Preventing money from being spent on energy can increase household disposable income and have a substantial impact on local sales, investments, jobs and the local tax base."

Laquatra, who does research and training on technical and socioeconomic issues related to housing, including energy efficiency, indoor air quality and housing affordability for Cornell Cooperative Extension, also is an energy efficiency education consultant for the New York State Public Service Commission's Grassroots Campaign for Saving Power.

The purpose of the campaign is to train professionals throughout New York to help communities take better advantage of energy conservation services. These professionals include specialists who work in Cooperative Extension offices throughout New York, who can interpret the utility companies' surveys and help consumers save energy.

Laquatra hosted the SavingPower Grassroots Campaign Training Conference at Cornell last year, when about 50 extension agents, public service officials

and representatives from utility companies and non-profit organizations learned more about instituting SavingPower programs and better coordinating their services for consumers.

To help consumers button up their homes for winter, Laquatra suggests the following simple but cost-effective measures:

- Have the furnace or boiler serviced annually; this simple measure can save \$200 a year because of the resulting improved efficiency.
- Add another layer of insulation to the attic or roof.
- Put up storm windows, and check caulking and weather stripping around doors and windows. Use a candle to detect drafts.
- Replace as many incandescent light bulbs as possible with compact fluorescent tubes which are cheaper to run.
- Insulate the water heater.

"These simple conservation measures will have a ripple effect up to the national level," Laquatra points out. "Saving energy dollars is good for a community's economic development and important for preserving the nation's energy reserves."

OBITUARIES

Presidential Councillor and Trustee Emeritus **Walker Lee Cisler**, former chairman of the board and chief executive officer of Detroit Edison, died Oct. 18 at his home in Grosse Pointe, Mich. He was 97.

Prior to his death, he served as chairman of Overseas Advisory Associates in Detroit, a not-for-profit organization established by Cisler to assist foreign nations in developing electrical energy sources. He was a founding member of the National Academy of Engineers and honorary chairman of the World Energy Conference.

Cisler worked for Detroit Edison for 33 years, before retiring in 1975. He is the recipient of the Hoover Medal, one of the highest honors bestowed on members of the engineering profession, and was honored by Japanese Emperor Hirohito in 1976 for

helping the Japanese appreciate the peaceful use of the atom.

A former director of the Cornell Aeronautical Laboratory, Cisler served on the Cornell Board of Trustees from 1950 to 1968, chairing the Executive Committee from 1959 to 1967. He was named Presidential Councillor in 1969. He had been a member of the Major Gifts Committee since 1984 and served as an adviser to that committee for the Cornell Campaign.

Cisler earned a degree in manufacturing engineering from Cornell in 1922.

His wife, Gertrude, died in 1975.

He is survived by a son, Richard Rippe '51, and a daughter, Jane Rippe Eckhardt '55; six grandchildren, three of which — William Cisler Rippe '81, Paul Rippe '88 and Martha Rippe Eckhardt '87 — graduated from Cornell; and nine great grandchildren.

Harry G. Henn, the Edward Cornell Professor of Law Emeritus and the author of numerous influential law textbooks, died Oct. 11 at a nursing home in Jacksonville, Fla. He was 75 and lived in Naples, Fla.

Henn joined the Cornell faculty in 1953 after practicing law in New York City for 10 years. He was named the Edward Cornell Professor in 1970 and retired in 1985.

A native of New Rochelle, N.Y., Henn wrote widely on corporate and copyright law. His most noteworthy books include *Henn on Copyright Law: A Practitioner's Guide* (1991), *Laws of Corporations and Other Business Enterprises* (1983).

Henn earned a B.A. and J.S.D. from New York University (1941, 1952) and an LL.B. from Cornell Law School (1943).

He is survived by a brother.

Cornell brings music downtown

By Darryl Geddes

The Cornell Department of Music is bringing the sound of music downtown. Its 1994-95 chamber music series begins Oct. 30 at the Unitarian Church, 309 N. Cayuga St. The free concerts will begin at 8:15 p.m.

The Cornell Contemporary Chamber Players will perform Sunday, Oct. 30. The concert features the music of Robert Palmer, the Given Foundation Professor of Music Composition Emeritus, and Charles Ives.

An interdisciplinary experimental concert featuring students from Professor Karlton Hester's spontaneous composition class will be held Saturday, Nov. 12. Also performing are students from Professor Joyce Morgenroth's dance improvisation class and from Professor Billie Jean Isbell's performing anthropology seminar. Cornell Lab Ensembles will perform jazz selections.

Professor Malcolm Bilson will perform Schubert's *Sonata in A Minor*, Vorisek's *Fantasy in C Minor* and Beethoven's *Bagatelles* Wednesday, March 9. The same concert will be performed March 8 in Barnes Hall on the Cornell campus.

The downtown concert series will conclude Monday, March 13 with a performance by the Haydn Baryton Trio.

For more information, contact the music department at 255-4760.

Storybook season



Peter Morenus/University Photography

Cornell football Head Coach Jim Hofher is surrounded by cheering fans as he is interviewed after the Big Red's last-minute, 17-14 win over Dartmouth Oct. 22. The Big Red has staged comeback victories in the last four games, and stands 6-0 for the season. Cornell plays Brown at home Saturday at 1 p.m.

Literacy volunteers help to make reading a reality for many

By Darryl Geddes

The child climbs up on the couch and snuggles next to her father. Her eyes are wide in anticipation of listening to her dad read a favorite story. But the child will not hear the story — her father cannot read. This scenario is becoming more commonplace in America today. A major U.S. study has found that half of adults have difficulty reading, with at least one-fifth having the lowest level of literacy, meaning they can complete only simple, uncomplicated tasks.

Businesses estimate they lose between \$25 and \$30 billion a year in lost productivity attributable to poor literacy. Educators and others believe that the United States will not be able to increase its standard of living unless it improves the literacy rate.

Working to help adults improve their reading and language skills is Literacy Volunteers of Tompkins County Inc., a local United Way agency. Literacy Volunteers serves about 150 clients annually whose needs and skill levels are varied.

"We have adult students who want to improve their skills. Most are of average or higher intelligence but many have various forms of learning disabilities and need special help," said Valorie Rockney, executive director of Literacy Volunteers of Tompkins County.

"Often individuals seek our help when they are faced with life-changing events, such as getting a new job that requires them to be more literate," she said.

The local agency also sees a large number of refugees and immigrants who speak English as a second language. "This popu-

lation comes to us for survival skills," Rockney said. "We target tutoring to the individual's immediate needs. If one needs to understand how to read a bus schedule, then that's what we cover first."

Helping the cause of Literacy Volunteers is United Way of Tompkins County, which last year allocated \$3,565 to the agency. "The United Way has been there for us when we've had financial struggles," Rockney said.

But Literacy Volunteers could not function without its small army of good Samaritans who take time out of their weekly schedules to tutor those who cannot read and write English.

Joy Wagner, executive assistant to Cornell President Frank H.T. Rhodes, is one of 23 members of the Cornell community who give their time to Literacy Volunteers.

"It's a way to give back to the community," said Wagner, a native of England. "It's extremely interesting and rewarding work."

Like all volunteers, Wagner participated in an intense training program to be certified to tutor students. Tutors are required to give two hours a week to their students and file an annual report on the student's progress with the agency.

Over the last year Wagner has tutored a young refugee woman from Russia who, while educated, was lacking in English-language skills.

"We've worked quite some time on reading and writing," said Wagner, who often spent as much as six hours tutoring her student on the weekends. "I'd record some booklets and articles so she could hear the English language."

Thanks to Wagner's support and guidance, her pupil now is fully immersed in the Ithaca scene, working in the Ithaca City School District and here on campus.

Of her role as a tutor, Wagner said, "It's been very rewarding watching my student begin to understand English and excel on her own."

Literacy Volunteers is seeking to develop new programs for its students. One service soon to be implemented is drop-in tutoring, which allows students to stop by the agency's offices at 301 S. Geneva St. and get extra help from tutors. In addition, a computer lab, shared with BOCES, enables students to bolster their computer literacy skills.

Anyone interested in serving as a volunteer should contact Literacy Volunteers at 277-6442. New tutor training workshops begin spring semester.



One week to go

The Cornell Employees United Way Campaign ends Oct. 31, and your pledge is critical to meeting the \$526,000 campus goal. With just one week remaining, \$207,000 or 39 percent of the campaign goal remains to be raised.

If you have misplaced your 1994 pledge card, you may clip the sample card at left and return it directly to United Way of Tompkins County, 313 North Aurora St., Ithaca, NY 14850. Or, you may give the pledge card to the United Way volunteer in your work area.

If you want to designate a particular agency to receive your gift, ask your department volunteer for a designation card. This card also can be used if you live outside Tompkins County and want your gift transferred there.

More than 2,500 employees already have returned their pledge cards. If you're one of them, thank you. If you haven't made a pledge to support United Way, please do so this week.



Please print name: _____

CORNELL
UNIVERSITY

Yes, I will Pledge:

Contributor's Signature _____

Date _____

PAYROLL DEDUCTION PLEDGE

I AUTHORIZE MY EMPLOYER TO DEDUCT FROM EACH PAY PERIOD: (check one)

_____ % 1% .6% of salary

or the following amount

\$ _____ \$20 \$10 \$5

FOR A TOTAL PLEDGE OF \$ _____

DIRECT CONTRIBUTION

I PLEDGE: \$ _____ TOTAL
\$ _____ PAID NOW
\$ _____ BALANCE DUE

Please bill me for the balance due (if any) at the following address.

Moore *continued from page 1*

The Cornell Daily Sun and finished second in the Sullivan Award balloting in 1952 (given to the top amateur athlete in the nation).

A charter member of the Cornell Athletic Hall of Fame (1978), Moore received a bachelor's degree in mechanical engineering in 1952. In that year he won gold (400-meter hurdles) and silver medals (1,600-meter relay) in the Summer Olympics in Helsinki, Finland. He set an Olympic record in the 400-meter hurdles of 0:50.8 and several weeks later he established a world record of 0:51.6 in the 440-yard hurdles. He never lost a race in the 400-meter hurdles. He used his engineering knowledge to determine that taking 13 steps rather than 15 steps between hurdles was more efficient — an improvement still used by track and field athletes worldwide.

Since 1992 Moore, 65, has been vice chairman of Advisory Capital Partners and chairman of the fund's advisory board. Prior to that he was president and chief executive officer of Ransburg Corp., and also served as executive vice president of Illinois Tool Works Inc. He was managing director of Peers & Co., an investment banking firm, and from 1981 to 1986 was president and chief executive officer of Clevepak Corp., a paper packaging company.

An avid golfer, he is a member of the Royal and Ancient Golf Club of St. Andrews in Scotland, Pine Valley Golf Club in New Jersey and Blind Brook Club in New York. He is married to Judith McClellan and has nine children. A resident of Washington, D.C., he is a native of Coatesville, Pa.



Charles H. Moore '51 speaks at a press conference Oct. 20 after he was named Cornell's director of athletics and physical education.

Peter Morenus/University Photography

Among his other current positions, he is a director of Turner Corp., Elcotel Inc. and Fundamental Management Corp. He is the former president, chief executive officer and governor of The National Art Museum

of Sport; trustee of Butler University; member of the Operations Management Advisory Board of Columbia University's Graduate School of Business; member of the Advisory Board of the Anglican Observer

at the United Nations and member of the U.S. International Sports Committee. He was the recipient of the Herbert Adams Memorial Award for Advancement of American Sculpture.

Check it out

Sharron Bennett/University Photography

Cornell Campus Store officials present a check for \$3,500 to the Tompkins County Public Library Oct. 18. The Campus Store sold raffle tickets at \$1 apiece for a chance to win one of 200 signed copies of Stephen King's new book, *Insomnia*, which he autographed during a visit to campus Oct. 6. From left are Roger Reynolds, deputy director of the Campus Store; Janet Steiner, director of the library; Richard McDaniel, director of the Campus Store; Emily Gray, general book department manager of the store; and Katherine Lee, marketing manager.

Consumer skills *continued from page 1*

By the time they reach their teens, however, many of today's youths do not have adequate consumer knowledge and skills.

Morton's publications review the research on kids and consumerism and help parents sort out their own goals for teaching their children money management values and skills. Topics covered include allowances; employment; gifting; borrowing; concepts and consumer experiences appropriate for preschoolers, school-age children and teen-agers; consumer decision-making; when parents don't agree with their children's spending; and food shopping, among others.

Morton points out, for example:

- Preschoolers spend an average of \$2.40 a week each, for a total of \$1.5 billion; they influence others to spend another \$15 billion.

- By the time kids are age 10, they receive about \$5 income, make five trips to a store and spend an average of \$4.80 a week.

- Teens do much of the food shopping in more than 70 percent of households in which both parents work or there is a single parent. They need certain skills to do it well.

Among her numerous tips:

- Be clear about your own money values and take advantage of "teachable" moments.

- Allow children to experience consequences of both good and poor choices.

- Try playing store with preschoolers to practice skills they can use in stores.

- Consider giving allowances to your children by the time they are 6 or 7. A good "middle-ground" allowance philosophy is that family tasks are required of all family members and are unrelated to allowances, but more money could be earned if additional jobs are undertaken.

- Charge a fee if your child wants to borrow money against future allowances.

- Allow your teens to make mistakes; try not to give advice but provide support and help in working out solutions.

Kids in the Marketplace is available from the Cornell University Resource Center, 7 BTP, Ithaca, N.Y. 14850. The cost is \$6 for the series or \$1.20 for each title and includes shipping and handling. Copies of these publications also may be available from county offices of Cornell Cooperative Extension.

Reno *continued from page 1*

"We've got to turn this nation's attitude about elementary school, middle school and high school teachers around and make people understand what a magical, wonderful and critical profession it is.

"Something is wrong with the nation that says to a football player you can get a salary with six-digit figures and tells teachers we're giving them what we're giving them," she said. "Let's get our priorities straight."

Reno was interrupted at the beginning of her address by a handful of protestors, angry over her handling of the 1993 tragedy at the Branch Davidian compound in Waco, Texas. Over their shouts, Reno said, "One of the joys of Cornell when I was here in 1956 is that people spoke their minds and it is refreshing to see that people continue to do so." Her response to the protestors, who were ushered out of the hall by Cornell officials, drew thunderous applause.

Reno was appointed the nation's first female attorney general by President Clinton March 12, 1993. She formerly served as the state attorney in Dade County, Florida, a post to which she was elected five times.

Reno studied chemistry at Cornell in preparation for a career in medicine. She was active in numerous residence hall programs and was elected president of the Women's Student Government Association, a position which afforded her the

opportunity to introduce President Truman to a campus audience during a speaking engagement in 1960. After receiving her bachelor's degree in chemistry in 1960, she earned her law degree from Harvard University in 1963.

The nation's top crime fighter recalled her Cornell days with deep fondness. She said the bus ride to campus 38 years ago was the beginning of one of the "great adventures of my life."

She acknowledged several professors for having an impact on her education: Robert Plane, a former provost, "made chemistry magical for me"; Stuart M. Brown "made ideas, philosophy and ethics a reality, a human concept"; and Walter Burns "probably made me persuade my mother that I should go to law school because he made constitutional law a living, breathing subject for me."

During a question-and-answer period following her 35-minute address, Reno offered advice to law students on getting a job, told where she lived on campus — the room in the arch over Balch Hall senior year — and promised to return.

She said the people, the ideas and scenes of Cornell have been "stamped on my heart, my soul and mind forever. I enjoyed this campus. I explored it. I loved it, and it is indelibly stamped on my mind."

Reno wins friends, vows to return

Many of the 5,000 or so who came to hear U.S. Attorney General Janet Reno's remarks left Barton Hall singing her praises. Some admired her efforts to remain immune to Washington's pretentiousness, as Cornell President Frank H.T. Rhodes put it. Others were pleased to find her personable, especially when she promised to return to campus to participate in Reunion and other events.

"I think Janet Reno would make a good university president," said Jennie Farley, a professor in the School of Industrial and Labor Relations.

Farley said Reno's message of investing and trusting in people and was sound advice.

Susan Murphy, vice president for student and academic services, called Reno's address "inspirational and heart-warming."

"Her commitment to children and the power of family, community and education underscores everything we espouse and be-

lieve in at the university," Murphy said. "Her ability to live her convictions sets an example for each of us — and her obvious love for her alma mater was simply wonderful to share. I hope she returns to campus soon."

Junior Dennis Shin of Orlando, Fla., was one of the hundreds of students who attended the Reno speech. "I was very impressed by her strong character and sense of ethics. She admits that she makes mistakes but she keeps looking ahead. That's a positive attitude greatly needed in Washington," said Shin, a history and Spanish major. "As a student interested in pursuing a career in public service, I was inspired by her words of advice."

Applause for Reno also came from Ithaca Mayor Ben Nichols, a Cornell professor emeritus of electrical engineering.

"In a time of cynicism about public officials Janet Reno is a breath of fresh air."

Hopcroft announces administrative restructuring

By Larry Bernard

College of Engineering Dean John Hopcroft disclosed plans last week for an administrative restructuring of the activities in nuclear science and engineering. The academic department of nuclear science and engineering will be discontinued as of June 30, but all faculty will remain in the college and research activities and the graduate field will continue, Hopcroft said.

The department, which does not offer a bachelor's degree, has three master's students and eight doctoral students, none of whom will be affected. The research program and doctoral program will remain intact, and the 50 or so researchers and graduate students in units throughout the campus

who use the nuclear reactor facilities will continue to do so.

"All we're doing is assigning faculty to other departments. They all will have an intellectual home in the college, and they will continue their research in nuclear science engineering," Hopcroft said. "We're restructuring for long-range planning reasons, not financial reasons."

The Ward Laboratory, which houses two nuclear reactors, will remain intact and researchers in other departments and colleges can continue their programs. For example, a course in Art, Archaeology and Analysis, which uses the TRIGA reactor to illustrate studies of ancient artifacts and of paintings, still will be offered, the dean said.

Other uses include geology, archaeol-

ogy, agronomy, art history and civil engineering and materials science, in such research as art historians looking at underlayers of paint on paintings; agronomists studying the interaction of water on soil and roots, and heavy metals in soil; civil engineers looking at microcracks in concrete; textile experts examining dyes and detergents; measurement of composition and impurities in semi-conductor materials; and examination of ancient pottery and coins.

Five undergraduate and graduate courses that use the facility will continue as well, the dean said, including Fission, Fusion and Radiation, an introductory engineering course, and classes in physics and applied and engineering physics.

Affected faculty are David D. Clark,

chairman and director of the Ward Laboratory of Nuclear Engineering, David Hammer, the J. Carlton Ward Professor of Nuclear Energy Engineering, Vaclav O. Kostroun, associate professor of nuclear science and engineering and of applied and engineering physics, Stephen C. McGuire, associate professor of nuclear science and engineering, and K. Bingham Cady, professor of nuclear science and engineering and of applied and engineering physics.

Cornell has a 500-kilowatt TRIGA reactor and a 100-watt zero power reactor, operating for 30 years for undergraduate and graduate teaching and for research. One area in which Cornell has led among U.S. universities is in the development of a "cold neutron" beam, a probe for studying materials.

Campaign stop



Student Michael Robinson '95 talks with state Sen. Randy Kuhl, R-52nd District, at a luncheon with faculty and staff members Oct. 19 in Emerson Hall. The lunches are being held to help inform members of the Cornell community about candidates and campaign issues. Kuhl is running for re-election unopposed.

Sharron Bennett/University Photography

ABC's Zelnick to lecture Nov. 1

ABC political correspondent Robert Zelnick '61 will offer his assessment of the current political season in a lecture titled "Politics 1994: Are We on the Verge of a Sea Change?" Nov. 1 at 4 p.m. in Room 200 of the ILR Conference Center. The lecture, sponsored by the School of Industrial and Labor Relations and the Division of University Relations, is free and open to the public.

Zelnick's remarks come one week before America goes to the polls to elect 438 U.S. representatives, 33 U.S. senators and 35 governors.

With opinion polls showing a majority of Americans frustrated and disillusioned over the current state of affairs in Washington, experts predict the 1994 elections will bring new faces to Congress and the nation's statehouses.

Zelnick began his journalism career after serving in the Marines and practicing law. He covered the Vietnam War as a freelance reporter and in 1968 was hired by the *Anchorage Daily News*.

He returned to Washington, D.C., two years later to work for NPR, where he was named director of news and information.

In 1976 he was named chief editor for David Frost, when Frost was preparing his interviews with President Nixon that appeared on national television in 1977.

Zelnick graduated from Cornell's School of Industrial and Labor Relations in 1961 and from the University of Virginia Law School in 1964.

Sentiment, mutual affection permeate Board of Trustees gathering

By Sam Segal

Sentiment and affection were palpable in Alice Statler Auditorium Friday, Oct. 21, as President Frank H.T. Rhodes gave his 18th and last state-of-the-university address to the annual joint meeting of the Cornell University Council and the Board of Trustees.

There were reports from Council Chair C. Evan Stewart and from capital campaign co-chair Robert A. Cowie, who said \$1.1 billion had been pledged or collected by Sept. 30, \$60 million and four months ahead of schedule. But more important than the annual rituals or the campaign was the thought that Rhodes was winding down a tenure that so many of the 900 participants consider synonymous with modern Cornell.

In public and private comments, the same words were regularly repeated: "I can't think of Cornell without him."

The sentiment was not one-sided. Rhodes, who is not known for lavish public expression of his personal feelings, said at the start of his talk that this final round was a bittersweet occasion:

"Rosa and I have literally founded our lives around this great institution," he said, adding that retirement next summer would

leave "a gap that will be hard to fill."

Board Chairman Stephen H. Weiss, in introducing Rhodes, recalled an anecdote that reveals much of the basis for the affection of these 900 most dedicated Cornell alumni.

Weiss had been on the committee that selected Rhodes to succeed Dale Corson in

1977 was a time of budget deficits, dwindling endowment funds, imperiled financial aid, declining applications and a faltering fund-raising drive.

He gave Corson credit for analysis and planning that helped lead the way out of those difficult times, when, Rhodes said—returning to Weiss' anecdote—"there was

'Unless we are willing to live and work as a community, our personal erudition will not save us; our technical expertise, however profound, will not preserve us; our academic reputation will not support us.'

— President Rhodes

1977. When the new president asked Weiss what was the most important task he faced, Weiss recalled replying that many Cornellians had an "inferiority complex" when considering themselves against alumni of other Ivy League universities.

Since then, Weiss said, through the energetic leadership of Rhodes, that doubt "has been transformed into overwhelming pride."

Rhodes, whose speech was bracketed by long, standing ovations, recalled that

a tentativeness" among Cornellians. Eliminating that tentativeness, he said, was an important goal of his.

While Cornell had made great strides, Rhodes said that it would not be whole if it does not strengthen its sense of community.

"Unless we are willing to live and work as a community," he said, "our personal erudition will not save us; our technical expertise, however profound, will not preserve us; our academic repu-

tation will not support us."

Rhodes tied the idea to strategic planning, and after his speech, participants split into 15 groups to discuss 15 objectives in the planning document released last May.

"The idea," said Vice President for Academic Programs and Planning John Wiesenfeld, "was to help President Rhodes deliver to a new administration a sense of campus priorities. The council is reasonably representative of the thinking of our most involved alumni."

Mary Berens, director of college and unit public affairs and one of the discussion-group leaders, said there was particular interest in the ideas of a core of common intellectual skills and in establishing long-term financial equilibrium. The idea of greater community, she said, also animated her group and echoed comments made by U.S. Attorney General Janet Reno, who launched the weekend's activities.

While talk of Rhodes' retirement generally inspired chagrin, Weiss conjured a little mirth at the Friday meeting by saying that, if football coach Jim Hofher extended his 5-0 streak to 10-0, the trustees would make him the next president.

Saturday, after Cornell beat Dartmouth in yet another comeback win, Hofher probably would have done well in a straw poll.

Rhodes assesses Cornell's past, looks toward future

Following is the full text of President Frank H.T. Rhodes' 1994 State of the University Address delivered Oct. 21.

It is always a privilege to have this particular group on the campus, for you are our most involved, most energetic and most dedicated Cornellians. I confess that it is something of a bittersweet experience to think that this is the 18th and final time I shall be addressing this particular group.

For many, life as a college president fits the Hobbesian description of human existence: "solitary, poor, nasty, brutish and short." The average tenure for university presidents is now about six years and falling. I always liked Clark Kerr's assessment of his turbulent tenure as head of the University of California System, which was brought to an abrupt end by then-Gov. Ronald Reagan. "I came and went the same way," said Dr. Kerr. "Fired with enthusiasm."

I have been far more fortunate than most, for you who are trustees and council members have been generous and steadfast in your support and unstinting in your encouragement over these many years. That has been true not only during the good times, but also during the tough times; not only during times of agreement, but also during times of disagreement, and Rosa and I approach retirement still fired with our original enthusiasm for this matchless campus, this marvelous university, this goodly fellowship, this caring community.

I want to thank all of you: trustees and councillors; the four successive board chairs – Robert Purcell, Jansen Noyes, Austin Kiplinger and Stephen Weiss – with whom I have had the privilege to work; fellow members of the executive staff and deans, past and now in office; the faculty, staff, students and alumni; and my three living predecessors – Deane Malott, James Perkins and Dale Corson. It will be a very fond farewell on our part. We shall never forget your friendship and love.

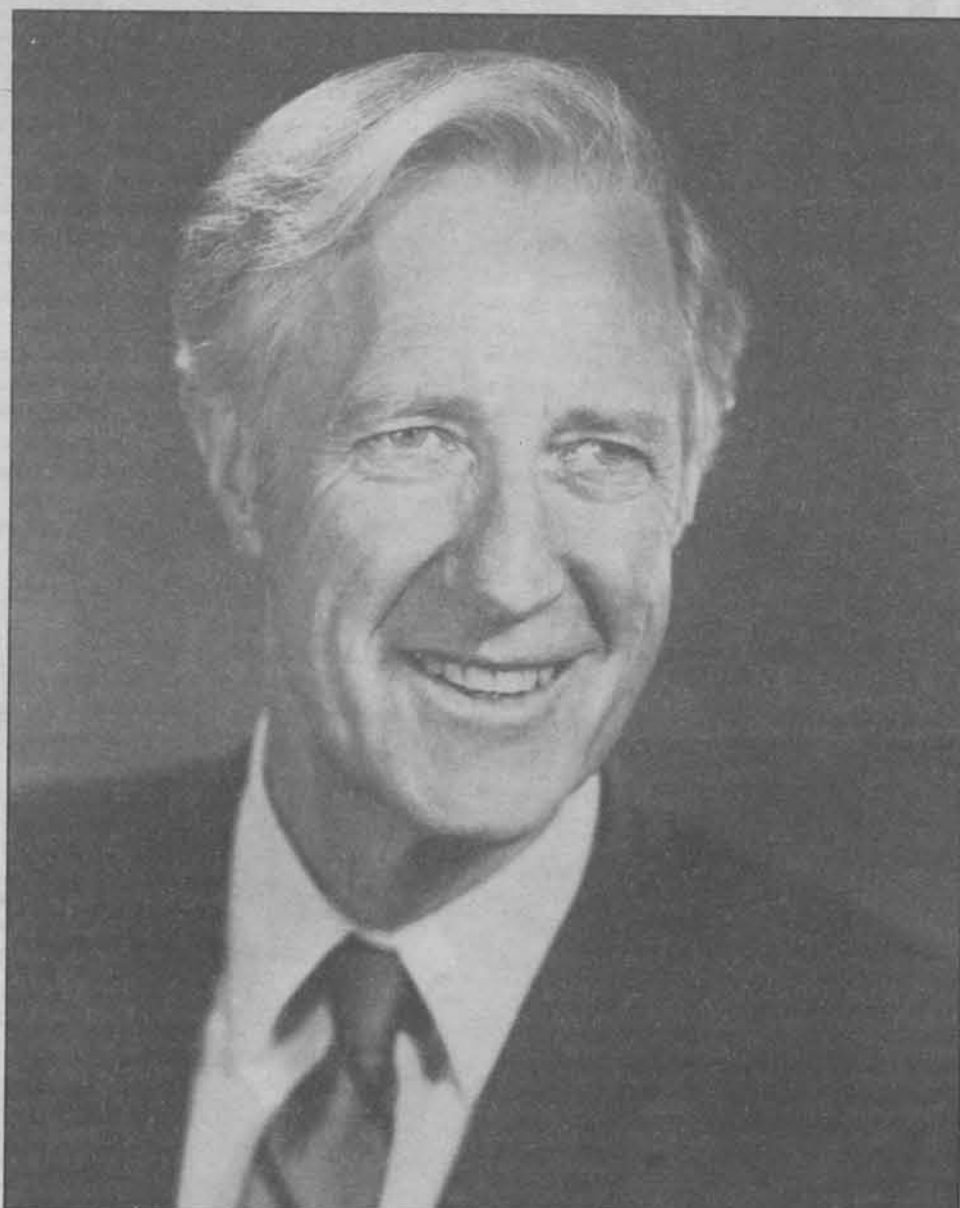
I will leave it to you and future generations to judge the significance of these past 17 years, but I do owe you an account of my stewardship and our partnership. It may be useful to reflect on the path we have travelled together since we embarked upon this partnership on that fall day in 1977, not to write history, but to put the present in context and to give us confidence for what lies ahead. As we look back, we should also look steadily forward. "Respice, prospice" is a motto that is still worthy today.

When we began our journey together, we were emerging from difficult years. We faced some problems, such as deferred maintenance, which were shared with other institutions. But we had local challenges as well: falling applications, a decade of unbalanced budgets and a faltering fund-raising campaign. We owe much to Dale Corson, whose steady and wise leadership led us through those difficult years.

But if the present was bleak, the future looked even bleaker. The Medical College was in grave difficulty and faced the prospect that all its undesignated endowment would be used up within a period of two years. The Nursing School had to be closed. Dale Corson's 1978 report to the trustees accurately identified the hazards that lay ahead.

There seemed to be more than a ring of truth in the lamentation – Morris Bishop's stalwart defense of our honor not withstanding – that we were included among the first ranks of American universities only as an afterthought, condemned forever to second-billing, and showing up on any list of the nation's premier institutions only as a tentative footnote: "Harvard, Princeton, Yale – and perhaps Cornell."

Those words – "perhaps Cornell" – haunted me when I first read them so many years ago, for they seemed to present both a challenge and a hope. Looking back over these past 17 years together, our most significant accomplishment, it seems to me, has been to remove the "perhaps" – the tentativeness, both external and self-imposed – from any discussion of the merits of Cornell. Today this is a proud institution, a self-confident campus, and with good reason.



President Frank H. T. Rhodes

University Photography

We have improved the quality and diversity of the student body. The Class of 1998, which entered this fall, was selected from more than 21,000 applications, about 50 percent more than 17 years ago, despite a 23-percent drop in the Northeast's college-age pool. We have had a substantial increase in the percentage of students in the top 10 percent of their high school classes and with SAT scores over 600 over these past 17 years. Minorities, as a percentage of the student body, have more than tripled, from 8 percent in 1977-78 to 28 percent this year, with the percentage of under-represented minorities increasing by 50 percent, from 6 percent in 1977-78 to 9 percent this year.

For 18 years, we have kept Ezra Cornell's dream alive, and a continuing commitment to providing needy students with financial

Residence and Faculty Fellows Programs. We have increased the emphasis placed upon teaching by revising the criteria for tenure and by establishing the Weiss Presidential Fellows Program to recognize Cornell's most outstanding undergraduate teachers. We have made huge improvements in teaching and cultural facilities. I expect that positive changes in the student experience will continue under the leadership of Susan H. Murphy, our new vice president for student and academic services, and Charlie Moore, our new athletic director.

We have also, over these past 17 years, brought the budget back into balance and are well on our way to achieving financial equilibrium over the long term. We have ended deficit spending and halted the use of endowment funds for operating expenses.

'The quality of the faculty is reflected in research support, which has increased from \$88.2 million in 1977-78 to some \$301.3 million last year. Cornell ranks second in funding received from the National Science Foundation and eighth in overall research funding.'

– President Rhodes

aid is one of the priorities of the Cornell Campaign. Since the campaign began, we have added nearly \$137.6 million in total funds for financial aid, including more than \$87.6 million in endowment funds. This is a marvelous achievement in a relatively short time, and we are grateful for the role that so many of you have played in that.

But good marketing, vigorous recruitment and adequate financial aid are only part of the secret for attracting exceptional students. Advertising can never succeed in the absence of quality, and it is quality that Cornell has to offer.

All of us can take pride in the success of undergraduate education over these past 17 years. We have established new programs for undergraduate education, from freshman seminars to writing-in-the-majors to Cornell-in-Washington and Cornell Abroad. We have encouraged greater faculty involvement in undergraduate life through the Faculty-in-

We shall need to cut 1 to 2 percent a year from the budget for two more years (a fairly modest amount, compared to what we have cut in the past), but that will give us long-term stability, with funds for systems development, training displaced people, maintenance, and new academic ventures.

We have increased the diversity of the faculty, despite limited turn-over and reduction in faculty size. The number of women and minorities on the faculty has more than doubled since 1977-78. In 1977-78, there were only 130 women and 77 minorities serving as members of the faculty. In the 1993-94 academic year, absolute numbers increased to 286 and 147, respectively. This is especially important given the changing demographic profile the country will experience into the next century.

Moreover, faculty quality remains high. Just last month, for example, Thomas Eisner, the Jacob Gould Schurman Professor of

Biology, was named as a 1994 winner of the National Medal of Science, the nation's highest scientific honor. Professor Eisner is the seventh Cornell professor to receive that award.

The quality of the faculty is reflected in research support, which has increased from \$88.2 million in 1977-78 to some \$301.3 million last year. Cornell ranks second in funding received from the National Science Foundation and eighth in overall research funding. We backed four major ventures – Asian Studies, supercomputing, biotechnology and nanofabrication – and we now have national laboratories or programs in three of those areas and a state center in the fourth.

We have improved the physical plant through new building projects from Kennedy-Roberts and Corson-Mudd Halls to the Statler, Snee, the Law School, the Theory Center and many others. Several new building projects are currently underway, including the state-funded additions to the School of Industrial and Labor Relations and the College of Veterinary Medicine and the rebuilding of Central Avenue, which has been made possible through designated gifts.

We successfully completed the \$230-million campaign, meeting not simply the original goal, but the "super-goal" of \$250 million. And, as Bob Cowie has told us, we are well on our way to completing the current campaign. Endowment per student has tripled since 1977, and, in real dollars, it has almost doubled – from \$17,068 in 1977-78 to \$30,085 in 1993-94. We have increased the number of endowed positions by nearly 50 percent since the start of the current campaign. Although nationally we rank lower than some of our sister institutions in the percentage of alumni who contribute to their alma mater, which is a source of concern, we ranked third in total giving in 1992-93, the most recent year for which comparable data are available, and we ranked first in alumni giving. Alumni giving has increased from \$27 million in 1977 to \$182.7 million in 1993.

This morning, I am pleased to announce two important initiatives designed to continue to build Cornell's long-term strength. First, I want to announce a marvelous new challenge program that will enable us to provide a "welcoming fund" for the new president. Under the new challenge, structured similarly to the one-year effort established in 1992, which brought more than \$20 million to Cornell, donors' gifts for endowed positions will be matched by the challengers on a 1:3 basis. The matching funds, up to \$10 million, will be available to the new president for designation to his or her highest priorities, giving him or her the best possible start at Cornell. Meeting the terms of this challenge is something to which I am personally committed during these final months, and I hope it is also an endeavor that will excite many of you.

Second, we have received approval from the donors to extend the endowed leadership challenge, which has been so important to our regional campaign efforts and which was due to expire today, so that all alumni and friends, including those in the 14 cities in which we are planning to kick-off regional campaigns during the year, will have the same incentive to contribute to the Cornell Campaign. As most will know, this challenge encourages endowment gifts of \$30,000 or more for four specific areas: student aid, the Cornell Tradition, the Deans'/Directors' Fund and the President's Fund. It has been enormously successful in motivating our alumni and friends to make their first major gift to Cornell, encouraging some 325 alumni to contribute a total of more than \$22 million to Cornell. Although both challenges can run through the end of the academic year if necessary, we hope that we shall be able to move even more quickly in realizing their benefits for Cornell.

I am also pleased to announce this morning that Trustee Allan Tessler, who holds both his undergraduate and law degrees from Cornell, has agreed to provide \$5 million to endow the deanship of the Cornell Law School. Endowed positions are one of the key priorities of the Cornell Campaign,

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Speech *continued from page 6*

and we are grateful for the commitment to the Law School and to Cornell that Mr. Tessler's gift represents.

I have one other important piece of good news to tell you this morning. As some will know, one of our most important upcoming endeavors is the renovation of Sage Hall to provide a new home for the S. C. Johnson Graduate School of Management while preserving Sage's historic significance. This morning I am pleased to announce that Sam and Gene Johnson, adding to the long list of ways in which they have supported Cornell, and the Johnson School in particular, over these many years, have agreed to provide an extraordinary commitment of \$9.5 million toward the Sage Hall renovation.

Some of you will remember that it was almost exactly 10 years ago that I stood before the Trustees and Council members to announce another historic gift from the Johnson family — a \$22 million gift, which was the largest ever made to a management school by individuals and one of the largest ever given to an institution of higher learning. That first gift helped the school implement major changes outlined in its long-range plan and move into the front ranks among institutions of its kind. And if the earlier gift helped define the school, the current gift will help it realize its potential — relieving severe over-crowding in Malott Hall, providing a central campus location to enable the school to build close working relationships with related disciplines in engineering, hotel, law and industrial and labor relations, while preserving and enhancing one of Cornell's most historic buildings.

Sam and Gene Johnson could not be with us this morning, but their son, Fisk Johnson, is here. I should like to ask Fisk to stand on behalf of his parents so that we can recognize the Johnsons for their continuing leadership and generosity toward Cornell.

Are we in better shape than we were 17 years ago? Unquestionably, and that, in no small measure, is due to the love and devotion, the generosity and the guidance that our challengers, the Johnson family, and all of you here have provided over the years. Have we solved all our problems? Of course not. But we have, with your help in the university's strategic planning process, thought through our mission and our values and identified our strengths and weaknesses.

'Without honest discourse, there can be no resolution of our differences. Without common understanding, there can be no cement to bind our society. Without shared endeavor, there can be no progress. And if we will not show a more excellent way, who then will?'

— President Rhodes

We shall have the additional task of building on our strengths and overcoming our weaknesses, knowing that we shall face increasing scrutiny, increasing accountability, increasing diversity, increasing financial constraints, increasing public expectations, increasing politicization, increasing opportunities for outreach and increasing challenges to innovation.

Our challenge is to build consensus about what our mission, values, strengths, weaknesses and context — taken together — mean in terms of institutional priorities. I think we are coming closer to agreement, at least in broad terms, on what those priorities should be, and we are beginning to think in operational terms about how they might be achieved. Let me share with you the broad priorities, about which there is considerable agreement, along with some of the recommendations for achieving them, about which there is still substantive debate.

Priority 1: Enhance Cornell's contribution as a research university of international stature.



Peter Morenus/University Photography

Frank and Rosa Rhodes sing along with the Cornell Savoyards on stage at Barton Hall Oct. 21. Rhodes was the guest of honor at a retirement party held by the Board of Trustees.

- Adopt program review for every operation and unit, requiring calibration against agreed-upon unit missions and goals.

- Realign resources to support programs of greatest value and highest quality.

- Improve quality, utilization and allocation of space and facilities.

- Provide incentives and support for department chairs.

- Develop systems to improve support services and reduce costs.

- Provide incentives for inter-unit cooperation.

- Complete the Cornell Campaign.

- Reduce layers; eliminate boundaries and duplication.

- Maintain budget in financial equilibrium, including funds for new ventures.

Priority 2: Recruit and support outstanding faculty and staff members and assist them to maximize their professional contribution.

- Provide incentives for cross-disciplinary appointments and cooperation.

- Improve appointment, tenure, promotion and review procedures.

- Match college and department recruiting plans to university teaching and research needs, recognizing that diversity within the faculty is needed to attract the best students from across society. This is particularly important, since new hires have dropped from 107 to 37 in seven years.

- Provide facilities, incentives and support for effective advising and creative teaching.

- Consider options that allow us to deal with faculty renewal, given the loss of mandatory retirement.

- Develop explicit expectations for each appointment and perhaps a code of professional conduct.

- Provide incentives and opportunities for professional development and change.

Priority 3: Promote graduate and professional education.

- We have just appointed a task force to review the nature, role, mix, support and impact of graduate and professional education as part of the strategic planning process.

- The task force will hold meetings through March 1995 and prepare a report on its findings.

Priority 4: Champion undergraduate education in the fullest sense.

- Appoint a task force on housing.

- Improve course evaluation procedures to reflect effectiveness of learning.

- Encourage adoption of Strategic Planning Task Force Report on Educating the Leaders of Tomorrow, including an upperclass project.

- Publish collegiate statements of core intellectual skills and how they are assessed.

- Continuously improve teaching facilities and support.

- Continue the President's Fund for Educational Initiatives.

- Provide incentives and opportunities for cross-college experience and coopera-

tion.

- Appoint a task force on the academic calendar.

- Encourage public service and international experience.

- Appoint an action team to evaluate opportunities of new teaching and communications technologies.

- Integrate admission and financial aid activities to improve recruitment and support of a talented and diverse student body.

Priority 5: Rekindle and rethink our land-grant university concept. (This is vital, now that we have moved from a rural and agrar-

'By your devotion and your example, you have transformed the words, "perhaps Cornell" from an apology to an aspiration — and from an aspiration to a shout of affirmation.'

— President Rhodes

ian economy to one with an urban and industrial base, with a host of pressing but very different needs.)

- Appoint an action team to advise on: expanding existing outreach efforts; lifelong learning compact; continuing professional education; learning for pleasure; "inreach"; other institutional, corporate and government linkages.

- Develop new sources of funding.

All this is not to freeze the future in decisions made now, but to provide a foundation of understanding, a selection of choices for the new administration and a springboard for action for the new president.

The important thing now is translating the fairly abstract priorities and propositions into programs that can be implemented at the college and departmental level, with active involvement and support of faculty and staff. That is already happening in a number of colleges including Engineering; Architecture, Art and Planning; Agriculture and Life Sciences; and the Johnson Graduate School of Management. In each case, the dean and faculty, working together, have achieved impressive results. Strategic planning means little unless it brings about strategic thinking and becomes part of the culture of Cornell.

In the end, however, universities do not prosper because of strategic plans or budgets or facilities. They prosper because of people, because of ideas and because of a common commitment to a life of inquiry and discovery. That continues to be the single most distinctive quality of Cornell.

So beyond all this, and as part of it, we must reaffirm four basic principles:

- Research and scholarship are a public trust.

- Service is a societal obligation.

- Teaching is a moral vocation.

- The learning community is the foundation of our success.

I talked about the first three of those principles at some length a year ago with this particular group. This morning, I should like to explore with you the implications of the fourth principle, for it is both vitally important and only imperfectly attained. It is also essential if we are to realize the full benefits of the strategic planning process.

Ezra Cornell did not establish 95 different departments or 13 free-standing colleges. He chose instead to found "an institution," and that institution is Cornell. We pursue knowledge in partnership. We explore meaning in debate. We grow in understanding in community, searching, challenging, debating, questioning, hoping, dreaming, and creating together; helping, encouraging, and supporting one another.

Our challenge today is to remain a community while recognizing the need for independence, agility, and responsibility in our member units. Separatism diminishes our effectiveness and reduces the benefits of learning within an interacting a community. Only in active debate with one another can we gain the added insight and sensitive appreciation on which our future well-being as a society depends.

Unless we are willing to live and work as a community, our personal erudition will not save us; our technical expertise, however profound, will not preserve us; our academic reputation will not support us.

The founders of the very first universities in medieval Europe believed that learning in community provided the most fertile environment for personal growth and understanding as well as unique benefits to society at large. Universities were invented because learning was better pursued in community than in isolation, understanding was better developed in dialogue than in solitude.

To varying degrees today's universities have lost that sense of the shared pursuit of knowledge within a learning community, and we have lost it, not by design, but by neglect and by the growing specialization and subdivision of knowledge itself. We are the victims of our own success. What were once common disciplines are now pulverized into specialties. What were once coherent colleges of shared endeavor are now fragmented. What was once expansive scholarship has become increasingly narrow in its focus. There is in this powerful gain. There is also serious loss.

It will not do to argue that the growth in size of universities and the rise of professionalism make fragmentation inevitable. Nor is it true that with the fragmentation of our larger society, universities must submit

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CU's gay community celebrates coming out week

By Robert M. Kronzak

Last week, the lesbian/gay/bisexual/transgender community of Cornell celebrated Coming Out Week. The week of activities, inspired by National Coming Out Day - Oct. 11 - helped to build community and reach out to community members who are questioning their sexuality or coming out of the closet.

The week began with a kickoff rally Oct. 17 sponsored by the Lesbian/Gay/Bisexual/Transgender (LGBT) Coalition. About 20-30 people attended the rally, which moved from the Memorial Room to Day Hall to avoid noise caused by construction.

"Coming out is one of the most important, difficult, liberating, agonizing and exciting decisions we must make," said Coming Out Week Chairperson Mike Birnholz '95. He stressed the importance of community support for people who are coming out at Cornell. "It was important to me that there was a community, and I was coming out to something," he emphasized. Birnholz also challenged the university administration to further speak out on behalf of the LGBT community.

At the kickoff rally, members of the LGBT community shared their own personal coming out stories. "Coming out is something you can only do when you're ready," said Jessica Brown '96. Referring to the rash of anti-gay chalkings on campus two years ago which motivated her to become active in the LGBT Coalition, Jessica

Cattelino '95 added, "We should not let hatred be the only thing which motivates people to come out." Cattelino expressed concern for members of Cornell who are questioning their sexuality and witness or experience homophobia. "We must all work to create an atmosphere of pride and acceptance," she said.

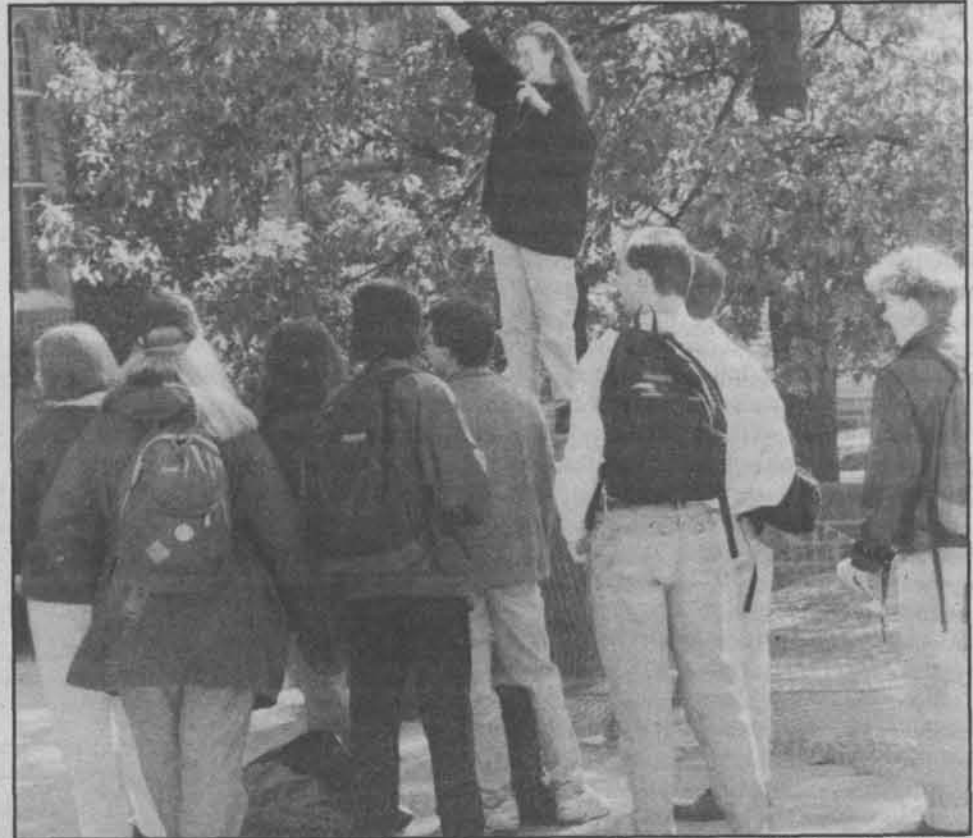
When asked about the role of the administration in supporting the LGBT community, Susan Murphy, vice president for student and academic services suggested, "The key role is helping to create an environment that is supportive of lesbian/gay/bisexual individuals and the community. More broadly, an environment that is not uncomfortable and not discriminatory."

Murphy added that creating a supportive environment is a more difficult and challenging issue, and that creating non-discriminatory laws is only part of changing the environment.

Kechia Davis '95, LGBT Coalition co-chair, was skeptical. "The coalition doesn't have a good history of trust with the administration - it must be earned," Davis said.

Coming Out Week continued with tabling at Willard Straight, a Cornell Cinema presentation of the film "Go Fish," visibility gatherings at Robert Purcell and Trillium Dining, a "Queer Night Out" in Collegetown and the release of the first edition of 350 issues of *OUTRAGEOUS!*, a newly created literary journal for the LGBT community.

"We have every facet of the Cornell community represented. We have absolutely



Students rally on Central Campus Oct. 17 to celebrate the start of Coming Out Week at Cornell.

Photo courtesy of The Cornell Daily Sun

incredible work that could be published anywhere," said David Garrett '96, founder and editor of the journal, which is distrib-

uted free, and Garrett eventually hopes to coordinate with other colleges to make it a national project.

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to a similar fate. For unless we, with all our learning, can demonstrate the benefits of community, there is little hope that society can recreate itself.

The realities of society all point to increasing separatism: the intolerance to those of other persuasions; the hostility toward those with different needs; the excesses of single-interest advocacy; the denial of other viewpoints and blindness to other values. All these and more represent, not a brave new world of personal liberation, but a retreat from common purposes and shared allegiances on which our success has been built.

Whether we like it or not, we need one another. Whether we admit it or not, we depend on one another, and that dependence is not only intellectual; it is also the basis of personal identity and the foundation of our societal well-being. And as a university, no less than as

gic planning is not the one true path to this kind of community, but by bringing us together to explore our experiences, to pursue common goals, and to inspire us to shared aspirations, it gives us hope of building a continuously revitalized and even stronger community.

It is this common purpose, often implicit, sometimes unacknowledged, that is our lasting guarantee that Cornell will no longer be an afterthought on any list of the great educational institutions of the world; no longer an addendum when the great engines of research are enumerated; no longer a postscript when one cites the achievements of its members and the spirit and commitment of its alumni.

I love that old Cornell song, "Spirit of Wisdom" and especially the line: "Thou art not so much stone as one man's dreaming." As we prepare, as a campus, to pass the torch of leadership to other hands, we can take some encouragement, some modest satisfaction as we survey how far we have come together over these past 17 years, despite the fact that all the dragons predicted by the Corson Report stood firmly in our path. We can take pride in your achievements, for many they are. By your efforts, you have left to the next generation of Cornellians the light from the dream of Ezra Cornell and Andrew Dickson White unobstructed and the legacy undimmed. By your devotion and your example, you have transformed the words, "perhaps Cornell" from an apology to an aspiration - and from an aspiration to a shout of affirmation. For all that, and so much more, Rosa and I thank you with all our hearts. But the best is yet to be. If, together, we continue to reinforce and reaffirm the strengths of our community, we can be something infinitely more.

So, friends, one more lap together - one final lap. As we hand the baton to a new administration, we have the glorious opportunity to run the race of our lives, completing the campaign, so vital to the creation of our future; celebrating, in word and in action, all the power of this wonderful community; pledging ourselves to one another as fellow citizens of this marvelous university, which is Cornell.

'So, friends, one more lap together - one final lap.'

- President Rhodes

a society, we have barely begun to explore our potential as a community.

Only with mutual civility and common effort can we reap the benefits of community. Without honest discourse, there can be no resolution of our differences. Without common understanding, there can be no cement to bind our society. Without shared endeavor, there can be no progress.

And if we will not show a more excellent way, who then will? Unless we can demonstrate that learning leads to understanding and that understanding leads to largeness of heart and generosity of spirit, who can? Unless we stand against fragmentation, division, and separation, who will confront these ills?

Our challenge, then, is to find practical ways in which this coming together can take place. Our task is to provide incentives which will encourage coalescence rather than fragmentation. Strate-

Case of the missing moosehead still intrigues Cornell police

By Linda Grace-Kobas

"The old parties are husks, with no real soul within either, divided on artificial lines, boss-ridden and privilege-controlled, each a jumble of incongruous elements, and neither daring to speak out wisely and fearlessly on what should be said on the vital issues of the day."

With these stirring words, Theodore Roosevelt accepted the presidential nomination of a new third party on Aug. 6, 1912. Meeting in Chicago, the Progressive Party was made up of insurgent Republicans opposed to the administration and policies of President William Howard Taft. It came to be known as the Bull Moose Party.

According to legend, there is a Cornell connection to the story of the Bull Moosers. Andrew S. White, nephew of Cornell's first president, Andrew Dickson White, was a member of the progressive Republican wing. Teddy Roosevelt attended at least one political meeting at Andrew White's home in Fayetteville, near Syracuse. A stuffed moosehead hung on the wall in the meeting room, the story goes, and from that trophy the mutinous group took its nickname.

Part of Andrew White's estate was later donated to Cornell, including the moosehead and its legend. The moosehead hung for many years on the south wall of the main corridor of Stimson Hall. At Christmas time, over the years, employees sometimes hung lights on its antlers.

Then, on March 30, 1989, in the dead of night, the moosehead was stolen. The head itself was ripped from its wall mount, with fur and hide left behind by the careless

robbers. The antlers were so wide, according to Scott Hamilton, senior investigator for the Cornell Police, that the thieves had trouble getting the head down the stairs to the basement, and ripped three oak handrails from their moorings in the effort.

Hamilton has been searching for the moosehead ever since, and has not given up on the investigation.

His hopes were raised in the summer of 1993, when he received a phone call from a former Cornell employee who saw a familiar-looking moosehead in an Adirondack lodge at Long Lake. Hamilton contacted the owners, who had documentation that the trophy could not be Cornell's.

Last spring, when Hamilton began cataloguing items stored in Sigma Phi's secret room, he hoped he might find some clue to the missing moosehead. No luck.

Hamilton considers the case still open, and urges anyone who has an idea of where the moosehead might be to call him at 255-8950. All information will remain confidential.

University Archivist Gould Colman also would like to see the moosehead returned to its university home, but cautions that its legend, while colorful and certainly believable, may not be exactly true.

"I wouldn't testify to the truth of that story," Colman said.

Indeed, Roosevelt, in a letter pledging support of the Republican ticket in 1900, wrote that he was "strong as a bull moose," so his party's later nickname may be linked to a phrase he commonly used.

But who's to say the analogy didn't come into his head while he was visiting Andrew S. White?

Tower Road to close for a month

A steam-line project in front of Bradfield Hall will begin Oct. 31 and last about a month. Tower Road will be closed to all but local traffic between Garden Avenue and Wing Drive during the work.

During construction, traffic in both directions will be detoured through the south edge of the Alumni Field lot and there will be no parking along this edge. It will be two driving lanes. The entire north edge will remain a parking area (by permit only).

Buses that normally travel on Tower

Road will travel and make stops in the Alumni Field lot both east- and west-bound; the stops will be clearly marked. Tractor-trailers should follow the alternate route (it will be posted), because the ends of the detour do not allow sufficient turning room for these large vehicles.

To make deliveries or drop-offs on Tower Road, access to the greenhouses will be from the Garden Avenue end; access to the Rice Hall, Mann Library and the Bradfield loading dock will be from the Wing Drive end.

Institute for African Development organizes symposium

As they work on self-development, many countries in sub-Saharan Africa increasingly are looking to Cornell's Institute for African Development for training opportunities and research collaboration.

Next week the institute is organizing the Cornell World Food Day Symposium, "Swords into Ploughshares: Local Peace Initiatives in Africa." The symposium is Saturday, Oct. 29, from 9 a.m. to 4:30 p.m. in Room 290 Myron Taylor Hall. The meetings are free and open to the public. A simple lunch will be provided.

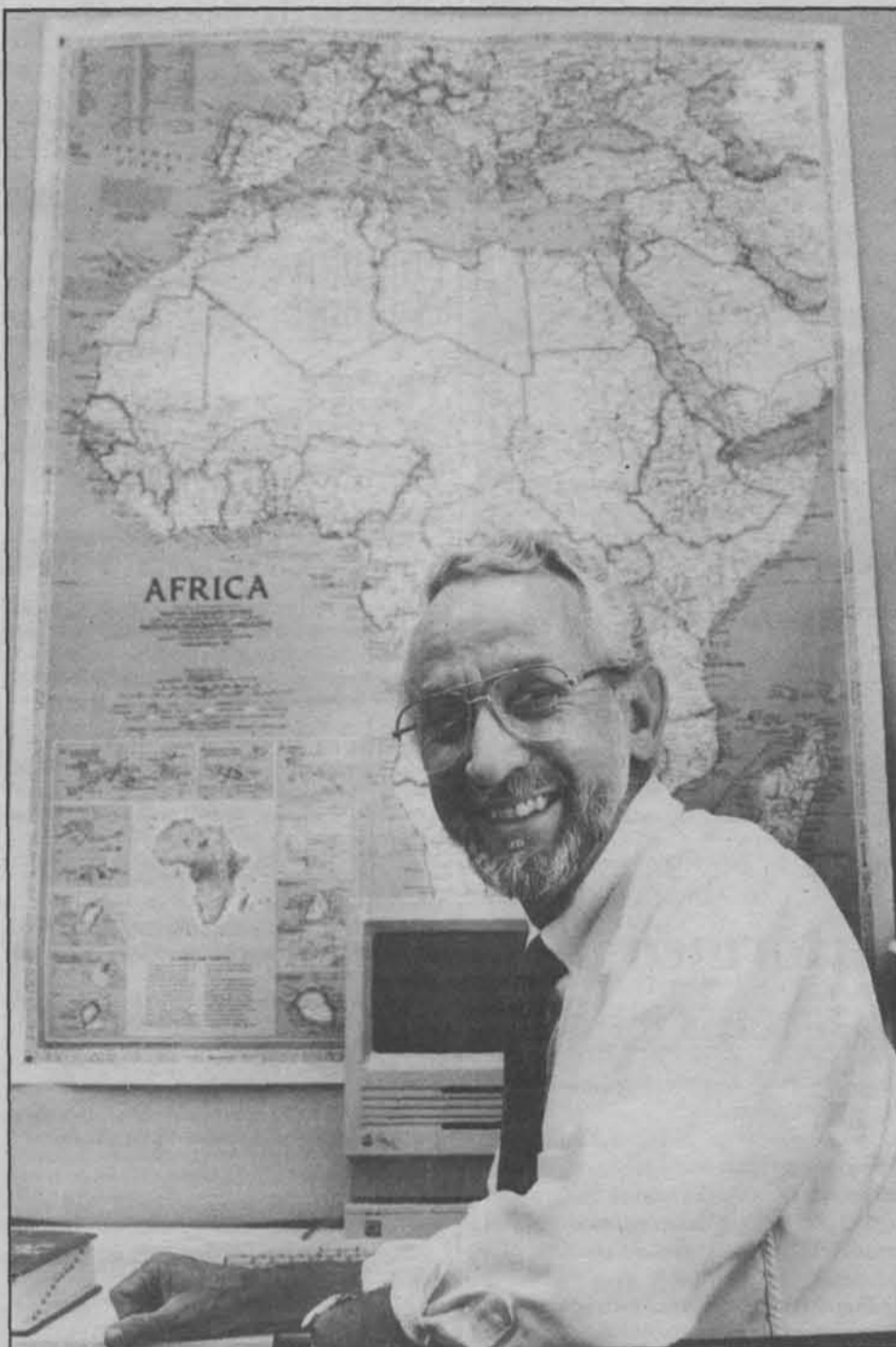
The symposium is cosponsored by the Africana Studies and Research Center; the Cornell African Students Association; the Cornell Food and Nutrition Policy Program; the Cornell International Institute for Food, Agriculture and Development; the Graduate School; the Mario Einaudi Center for International Studies; the Program on International Studies in Planning; and the Peace Studies Program.

Professor David Lewis, director of the Institute for African Development, said that with growing concern over civil strife in Africa, there is increasing appreciation for local, as opposed to externally imposed, peace initiatives. Sustainable peace is a prerequisite for food security and sustainable development. Symposium speakers will focus on the nature and potential effectiveness of local peace efforts, and on what the international community can do to support these initiatives. Participants include representatives of human rights groups, non-governmental organizations, the United Nations and the academic communities of both Africa and the United States.

In addition to activities such as the symposium, the institute hosts a semester-long seminar series on African development issues, offers special training programs and publishes a widely distributed monthly newsletter. The institute awards 15 to 20 fellowships each year to African students to come to Cornell for development-related graduate study.

The one-year nonrenewable tuition fellowships often are coupled with resources from international development organizations or foundations and with contributions from individual departments to provide the support needed for the recipients to complete degree study at Cornell, Lewis said. "The intent of the fellowship program is to make the resources at Cornell accessible to promising young professionals from sub-Saharan Africa," he said.

Institute fellows study in fields ranging from agriculture to law. One recent gradu-



David Lewis, director of the Institute for African Development, in his office in Sibley Dome.

Peter Morenus/University Photography

ate wrote his master's thesis on ways the Zimbabwean government might increase administrative efficiency with the use of micro-computers. Several of his ideas already have been implemented.

Pauline Ukpabi, a current Ph.D. student from Nigeria, is working with synthetic fibers in the creation of special fabrics that the

human body will not reject when they are used in vascular prostheses. Vuvu Manseka, of Zaire, will earn his doctorate in vegetable crops. In an earlier special program, more than 30 officers of Kenya's Ministry of Planning completed graduate study in rural development and regional planning.

Although fellows are free to decide what

area of development they want to explore, they are expected to attend the weekly seminar given by the institute. Joan Mulondo, the institute's program coordinator, said, "Many of the African students who come here know a lot about their own countries and their own country's problems, but they know very little about other African countries." She said the seminar is invaluable in providing students with an opportunity to learn about the problems and successes of their neighbors. This year the seminar is organized around monthly themes, Mulondo said. The first topics for the academic year included science and technology in September and food and agriculture in October. The seminar meets on Mondays at 12:15 p.m. in 208 West Sibley Hall, and is open to all. The seminar is offered as a course for credit, but one need not be enrolled to attend.

Like the symposium and the seminar, all activities offered through the institute are open to the public. Anyone interested is encouraged to attend, or to write an article for the newsletter, *Africa Notes*. Now six years old, the newsletter has a circulation of more than 1,400, with nearly half of the copies being distributed in Africa. Along with feature articles, research reports, upcoming events announcements and fellowship opportunity notices, the newsletter includes a popular *Forum* section that offers anyone interested in speaking out on development issues an opportunity to explain any point of view.

The institute supports a program of summer travel grants for Cornellians to conduct research in Africa. These grants are available on a competitive basis. In a complementary program, scholarships are made available for students to participate in the summer program of African language study.

The institute maximizes program activities by cosponsoring events, such as the World Food Day Symposium, with other organizations that share a common interest. The African Film Festival, held each year in February, is cosponsored with Cornell Cinema and the Africana Studies and Research Center (ASRC). The institute and ASRC often work together on projects. The institute primarily is concerned with development in Africa, and the ASRC has strengths in the areas of African politics and culture as well as the historical background of the contemporary African-American experience.

For more information about the institute or its activities, contact Lewis at 203 West Sibley Hall, or call the institute office at 255-6849.

A.D. White professor calls for 'sacred science' to save the planet

By Lisa Bennett

"Everyone realizes that the question of the preservation of nature involves a new ethics toward nature," Seyyed Hossein Nasr, an A.D. White Professor at-Large, said during his visit here last month.

"And the attitude of a lot of people, especially intelligent people studying at universities, has changed during the last generation. There is no doubt about that," he said, noting, for example, the increasing respect for animals and the growth of vegetarianism.

"However, the problem is that none of this has been able to change more than a minuscule the juggernaut that is destroying the world. Why is it that so much of this talk of ethics toward the environment has changed so little?"

That is the question Nasr urged people to face, with the "fullest intellectual and also spiritual effort. . . if there are to be human beings who will survive in the future."

And the answer, he proposed, is that an ethical stand toward nature is insufficient unless it is based upon a religious knowledge of nature that would challenge what he called "the scientific monopoly" on the knowledge of nature.

A religious view of nature was surrendered in the West three centuries ago, Nasr observed. But the awareness of the environmental crisis that developed three decades

ago now makes "a contemporary theology of nature, or religious view of the order of nature," of the utmost significance.

Nasr, the 61-year-old University Professor of Islamic Studies at George Washington University, has written and lectured widely on Islam, philosophy, comparative religion and the environmental crisis.



'Whether one is interested in religion personally or not, the question of the relationship between religion and the order of nature is of the greatest importance because the various parts of the globe . . . are all cooperating wonderfully in the destruction of nature.'

— Seyyed Hossein Nasr

Born in Tehran, Iran, Nasr studied physics and mathematics as an undergraduate at the Massachusetts Institute of Technology and earned a Ph.D. in the history of science and philosophy with a special emphasis on Islamic Science at Harvard University.

His lecture, "Religion and the Order of Nature," was based on a forthcoming book of the same title that will be published by Cambridge University Press.

"Whether one is interested in religion

personally or not, the question of the relationship between religion and the order of nature is of the greatest importance because the various parts of the globe, the various humanities of peoples who together comprise the human species and Earth are all cooperating wonderfully in the destruction of nature," Nasr said.

"And the vast majority of people on the globe still are attached to religion, much more so than many scholars would make out. There is a famous Persian poem that says the infidel sees everyone from his own perspective. It is natural for people who do not like religion to think that everybody has already gone away from the religious perspective," but this is not true, he added.

The problem, Nasr said, is that while Western attitudes and schools of thought

within Christian theology have emphasized the development of an ethics toward creation, they have lacked the knowledge of another order of knowledge of creation.

"No one has dared, no serious Christian theologian, has dared to challenge the monopoly that science claims on the knowledge of nature. In the present-day Western mindset, anyone else who claims knowledge of nature is, by definition, relegated to the sideline," he said.

But this creates a paradox, and a practical problem of great consequence to the environmental crisis: "How can ethics have efficacy if it does not correspond to a reality which can be known? Let's say we say life is sacred ethically but actually believe it is just a few molecules banging around each other somewhat in a more complex way than a pebble on a beach. The body of knowledge is missing."

This religious view of nature was surrendered in the West in the 17th century, Nasr recalled, adding that religion without a concomitant view of nature endured for three centuries. And, then, the rise of awareness of the environmental crisis in the 1950s and 1960s "caught Western religions in a sense without preparation," he said.

And "from that moment on, many Christian theologians have taken a defensive position to try to absolve Christianity of any possible responsibility for the loss of the cosmos, you might say."



Eric Meyerfield and Brenda Thomas in a scene from "The Glass Menagerie."

Glass Menagerie performed at Cornell Center for Theatre Arts

Tennessee Williams' play, *The Glass Menagerie*, which was first performed 50 years ago, is being presented at the Cornell Center for Theatre Arts through Oct. 30.

The play, which is based on Williams' short story, "Portrait of a Girl in Glass," tells the story of the night Tom Wingfield brings a gentleman caller home to meet his painfully shy sister, Laura.

This performance was directed by Bruce Levitt, chairman of the Department of Theatre Arts. Levitt's prior Cornell productions include *The Strange Case of Dr. Jekyll and Mr. Hyde*, *The Cherry Orchard* and another Williams' classic, *A Streetcar Named Desire*.

The play features students Eric Myersfield as Tom, Sarah Stern as Laura, Allan Wellenstein as Jim and Resident Profes-

sional Theatre Associate Brenda Thomas as the mother, Amanda.

The design team includes Kent Goetz, scenic designer; student Melissa Billington, costume designer; student Jim Butler, lighting designer; Chuck Hatcher, sound designer; Johanna Wagner, stage manager; and Jon Welstead, guest composer.

The Glass Menagerie, which opened Oct. 20, will run Oct. 27 to 29 at 8 p.m. and Oct. 29 to 30 at 2 p.m.

Tickets are \$6 for students and seniors, \$8 for the general public. They are available at the Box Office at the Center for Theatre Arts, 430 College Ave, or by calling 607-254-ARTS between 12:30 and 5:30 p.m. Monday through Friday, or one hour prior to performances.

Chinese music festival opens Nov. 4

A group of critically acclaimed Chinese musicians will perform in two concerts and two lectures in November at Cornell and Ithaca College as part of the Chinese Music Festival. All events are free, except the Nov. 5 performance of the Cayuga Chamber Orchestra.

Wu Man will present a lecture and demonstration Friday, Nov. 4, at 1:25 p.m. in Lincoln Hall. Wu is one of China's most outstanding pipa players, having collaborated with such groups as the Kronos Quartet, the New York Music Consort and the Pittsburgh New Music Ensemble. She has appeared as a soloist at Lincoln Center, the Tokyo Theater in Los Angeles and the Metropolitan Museum of Art. Her most recent compact disc was released in 1993 by Nimbus Records.

Three Chinese composers will participate in a panel discussion Saturday, Nov. 5, at 11 a.m. in Cornell's Barnes Hall.

Composer Zhou Long has been honored numerous times for his work and intellect, including fellowships from the Guggenheim Foundation, the Fromm Music Foundation at Harvard University and the National Endowment for the Arts. He has received commissions from the Taiwan Symphony Orchestra and the Kronos Quartet and has had his work performed at Carnegie Hall, Lincoln Center and Merkin Concert Hall, as well as venues in Europe and Asia.

Chen Yi, composer-in-residence for the Women's Philharmonic, recently has been commissioned by the Ford Foundation and the Brooklyn Academy of Music. Her mu-

sic, featured in the European television series *Sounds and Silence*, has been broadcast and performed throughout the world. The Brooklyn Philharmonic premiered Chen's *Piano Concerto* Oct. 14.

Pianist and conductor Bun-Ching Lam has received commissions from the American Composer's Orchestra and Meet the Composer/Reader's Digest Commissioning Program. Her most impressive works are *The Child God*, *Last Spring* and *Impetus*, which was commissioned by the Hong Kong Chinese Orchestra. She earned a bachelor's degree in piano performance from the Chinese University of Hong Kong (1976).

The Cayuga Chamber Orchestra and guest pipa player Wu Man will perform Saturday, Nov. 5, at 8:15 p.m. in Ford Hall at Ithaca College.

The Cornell Contemporary Chamber Players will perform Sunday, Nov. 6, at 4 p.m. in Barnes Hall with guest artists soprano Lan Rao and Wu Man performing the works of Bun-Ching Lam, Zhou Long and Chen Yi. Professor Steven Stucky, chairman of the Cornell Music Department, will conduct one of the works. Lan was discovered by Herbert von Karajan.

The Chinese Music Festival is made possible by the support of the Cornell East Asia Program, the Bartles Provost Discretionary Fund and the Meet the Composer series; additional funding is provided by ASCAP, Metropolitan Life Foundation and the New York State Council on the Arts.

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Bound for Glory

Oct. 27: Bound for Glory can be heard Sundays from 8 to 11 p.m. on WVBR-FM, 93.5.

religion

Sage Chapel

Berton Kaplan, University of North Carolina, will give the sermon on Oct. 30 at 11 a.m. Sage is a non-sectarian chapel that fosters dialogue and exploration with and among the major faith traditions.

African-American

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

Baha'i Faith

Fridays, 7 p.m., firesides with speakers, open discussion and refreshments. Meet at the Balch Archway; held in Unit 4 lounge at Balch Hall. Sunday morning dawn prayers and breakfast, 7 a.m. For details, call 253-2401.

Catholic

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

Christian Science

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

Episcopal (Anglican)

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

Friends (Quakers)

Sundays, 10:30 a.m., meeting for worship at the Hector Meeting House on Perry City Road.

Jewish

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

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

Saturday Services: Orthodox, 9:15 a.m., Edwards Room, ATH; Conservative/Egalitarian, 9:45, Founders Room, ATH.

Korean Church

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

Latter-day Saints (Mormon)

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

Muslim

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

Protestant Cooperative Ministry

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

Sri Satya Sai Baba

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

Zen Buddhist

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

seminars

African Development

"Agricultural Development Potential for African Ecosystems," David Altman, Oct. 31, 12:20 p.m., 208 W. Sibley Hall.

Animal Science

"International Evaluation of Holstein Sires for Type," Bert Klei, graduate student, Nov. 1, 12:20 p.m., K.L. Turk seminar room, 348 Morrison Hall.

Applied Mathematics

"Interface Problems," Richard Durrett, mathematics, Oct. 28, 1:15 p.m., 708 Theory Center. "Asymptotically Autonomous Differential Equations and Their Applications," Horst Thieme, mathematics, Oct. 28, 4 p.m., 456 Theory Center.

Astronomy & Space Sciences

"Planetesimal Formation in the Early Solar

Nebula," Jeff Cuzzi, NASA Ames Research Center, Oct. 27, 4:30 p.m., 105 Space Sciences Building.

Biochemistry

"Nitric Oxide Synthase Regulating a Two-Edge Sword," Carl Nathan, Cornell Medical School, Oct. 28, 3 p.m., large conference room, Biotechnology Building.

Biogeochemistry

"Is There Science at the Regional Scale: A Case Study for the Northeastern United States," John Aber, University of New Hampshire, Oct. 28, 4 p.m., Morison Room, Corson Hall.

Biophysics

"Navigating the Energy Landscape of Protein Folding," Peter Wolynes, University of Illinois, Nov. 2, 4:30 p.m., 700 Clark Hall.

Chemical Engineering

"Broad-Brush Monte Carlo: Thermodynamic Scaling and the Study of Phase Transitions," John Valleau, University of Toronto, Nov. 1, 3:45 p.m., 165 Olin Hall.

Chemistry

"Charge Transfer at Liquid Interfaces: How Do Ions Cross the Interface Between Two Liquids?" Ilan Benjamin, University of California at Santa Cruz, Nov. 3, 4:40 p.m., 119 Baker.

Cognitive Studies Program

"Lexicalized Grammars - Lexicalized Tree-Adjoining Grammars," Aravind Joshi, University of Pennsylvania, Oct. 27, 4:30 p.m., 106 Morrill Hall.

"Computational, Linguistic and Psycholinguistic Implications of Constrained Lexicalized Systems," Aravind Joshi, University of Pennsylvania, Oct. 28, 3:30 p.m., 202 Uris Hall.

"Acquisition of the Polish Verb System," Magdalena Smoczyńska, University of Kraków, Nov. 1, 4:30 p.m., 111 Morrill Hall.

Development Economics

"Contractual Structure in Groundwater Transactions: Evidence from Rural India," Rimjhim Mehra, Oct. 28, 4 p.m., 498 Uris Hall.

Ecology and Systematics

"The Genetics of Speciation in *Drosophila*," Allen Orr, University of Rochester, Nov. 2, 4 p.m., A106 Corson Hall.

Entomology

"Phylogeny of the Holometabola with Emphasis on the Position of the Strepsiptera: Molecular and Morphological Evidence," Michael Whiting, entomology, Oct. 27, 4 p.m., A106 Corson Hall.

"Prey Specificity: Its Evolution and Maintenance in a Predacious Insect (Neuroptera: Chrysopidae)," Gilberto Albuquerque, Entomology, Nov. 3, 4 p.m., A106 Corson Hall.

Engineering

"General Motors - A Major Electronics Manufacturing Company," Samuel Wennberg, Delco Electronics, Oct. 27, 4:30 p.m., 155 Olin Hall.

"Materials Science Journals Online," Nov. 2, 4 p.m., Engineering Library Electronic Classroom.

European Studies

"Military Nationalism and Cultural Nationalism: Euskadi and Catalonia," Daniele Conversi, visiting scholar, Oct. 28, 12:15 p.m., 153 Uris Hall.

"Xenophobia and the German Elections of 1994," Manfred Kuchler, Hunter College, Nov. 1, 4:30 p.m., G08 Uris Hall

Floriculture & Ornamental Horticulture

"Public Concerns Over Golf Courses and the Environment," Martin Petrovic, undergraduate seminar, Oct. 27, 12:20 p.m., 37 Plant Science.

"Sour Cherry Germplasm: Collection, Evaluation and Utilization-Role of the U.S. Germplasm System," Amy Iezzoni, Michigan State University, Oct. 31, 11 a.m., Jordan Hall, Staff Room, Geneva.

Food Science

"Towards a Realistic *In Vitro* System for Toxicology," Michael Shuler, chemical engineering, Nov. 1, 4:15 p.m., 204 Stocking Hall.

Fruit & Vegetable Science

"Geopositioning Satellites-Agricultural Uses?" Paul Stachowski, Agway Crops Research Project, Oct. 27, 4 p.m., 404 Plant Science Building.

Genetics & Development

"Paramutation in Maize: An Allelic Interaction That Leads to Heritable Changes in Transcription," Vicki Chandler, University of Oregon, Oct. 31, 4 p.m., conference room, Biotech Building.

Geological Sciences

TBA, Mark Anders, Lamont-Doherty Earth Observatory, Nov. 1, 4:30 p.m., 1120 Snee Hall.

"Spatial and Temporal Variations in Stress Following the Loma Prieta Earthquake: Observing the Effects of a Large Perturbing Event," John Gephart, Nov. 3, 4:30 p.m., 1120 Snee Hall.

Hotel Administration

"Transformational Leadership, or Effective Managerial Practices: A Comparison of Bass' MLO and Yukl's MPS," J. Bruce Tracey, Oct. 31, 4 p.m., 165 Statler Hall.

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Humanities

"Psychanalyse Littéraire avec Maupassant et Camus," Nicholas Rand, University of Wisconsin at Madison, Oct. 28, 4:30 p.m., GS 281, seminar in French.

Land Use & Environmental Stewardship

"The Future of Soil and Water Conservation Districts," David Allee, agricultural, resources and management, Nov. 1, 12:20 p.m., 400 Riley-Robb Hall.

Latin American Studies

"The Role of Nutrition in the Development of Human Capital in Rural Guatemala," Jere Haas, nutritional science, Nov. 1, 12:15 p.m., 153 Uris Hall.

Materials Science & Engineering

"Effect of Creep on the Life Time of Continuous Fiber-Reinforced Ceramic Composites," Tze-Jer Chuang, NIST, U.S. Dept. of Commerce, Oct. 27, 4:30 p.m., 140 Bard Hall.

"Dynamic Embrittlement: Diffusion Controlled Brittle Fracture," Charles McMahon, University of Pennsylvania, Nov. 3, 4:30 p.m., 140 Bard Hall.

Microbiology

"Actinomycetes in the Chesapeake Bay," Russell Hill, Center for Marine Biotechnology, Oct. 27, 4 p.m., G10 Biotechnical Building

"Molecular Signals for Granuloma Formation," James McKerrow, University of California at San Francisco, Oct. 28, 12:15 p.m., Boyce Thompson Institute Auditorium.

Near Eastern Studies

"Recent Finds From the Period of the Bar Kokhba Revolt," Hanan Eshel, Bar-Ilan University, Oct. 27, 4 p.m., 374 Rockefeller Hall.

Neurobiology & Behavior

"Animal Signalling Systems: Communication Networks and Eavesdropping," Peter McGregor, University of Nottingham and Torben Dabelsteen, University of Copengagen, Oct. 27, 12:30 p.m., Morison Seminar Room, Corson-Mudd Hall.

"Hyena Behavior and Hormones," Kay Holekamp, Michigan State University, Nov. 3, 12:30 p.m., Morison Seminar Room, Corson-Mudd Hall.

Olin Library

"Cruising the Internet for Library Resources: Discussion Lists and Related Mail Services," Oct. 27, 7 p.m., 703 Olin Library.

"Cruising the Internet for Library Resources: Directory Services - Finding E-Mail addresses," Nov. 2, noon and Nov. 3, 7 p.m., 703 Olin Library.

Ornithology

"Do You Know Loons are Seabirds?" Paul Spritzer, Oct. 31, 7:30 p.m., Fuertes Room, Lab of Ornithology.

Peace Studies

"The Problem of Culture and Strategy," Stephen Rosen, Oct. 27, 12:15 p.m. G08 Uris.

"Alliances, Preferential Trading Arrangements and International Trade," Edward Mansfield, Columbia University, Nov. 3, 12:15 p.m., G08 Uris.

Pharmacology

"Ion Channels in the Control of Neurosecretion," Meyer Jackson, University of Wisconsin, Oct. 31, 4:30 p.m., G-3 Veterinary Research Tower.

Physics

"Imaging and Manipulation of Single Molecules," Kazuhiko Kinoshita, Keio University, Oct. 27, 4 p.m., Racker Seminar Room, Biotech Building.

Physics

TBA, Jay Davis, Lawrence Livermore Nat'l Lab., Oct. 31, 4:30 p.m., Schwartz Auditorium, Rockefeller Hall.

Physiology & Anatomy

"Life in the Sea: Physiological Challenges for Marine Mammals," Michael Bryden, University of Sydney, Nov. 1, 3:45 p.m., 403 Malott Hall.

Plant Breeding

"A Model of Photoperiod and Vernalization Interactions and Effects on Plant Development: Implications for Breeders," Yan Weikai, plant breeding, Nov. 1, 12:20 p.m., 135 Emerson Hall.

Plant Biology

"The Costs of Host-Plant Resistance Genes and Their Implications to Biotechnology Risk Assessment," Joy Bergelson, University of Chicago, Oct. 27, 11 a.m., staff room Jordan Hall, Geneva.

"Costs of Resistance and Their Implications of Biotechnology Risk Assessment," Joy Bergelson, University of Chicago, Oct. 28, 11:15 a.m., 404 Plant Science.

"The Genetics of Speciation in *Drosophila*," Allen Orr, University of Rochester, Nov. 2, 4 p.m., A106 Corson Hall.

Plant Pathology

"Secretion of Cell Wall Degrading Enzymes by

Erwinia chrysanthemi," Magdalen Lindeberg, Plant Pathology, Nov. 1, 3 p.m. A133 Barton Laboratory; "Pectate Lyase Targeting and Recognition by the Out System of *Erwinia chrysanthemi*," Magdalen Lindeberg, Plant Pathology, Nov. 2, 12:20 p.m., 404 Plant Science Building.

Rural Sociology

"Basic Principles of Environmental Thinking," Lester Milbrath, SUNY at Buffalo, Nov. 1, 12:20 p.m., 401 Warren Hall.

Science and Technology

"Exodus," Benedict Anderson, government, Oct. 31, 4:30 p.m., 609 Clark Hall.

Stability, Transition & Turbulence

"Combustion Chemistry of Halons," Assaad Masri, University of Sydney, Nov. 1, 12:30 p.m., 178 Theory Center.

Textiles & Apparel

"Modification of Mechanical Properties of Kevlar Fiber by Polymer Infiltration," Ashish Mathur, Oct. 27, 12:20 p.m., 317 Martha Van Rensselaer Hall.

"Advanced Acceleration Protection for Military Aircrew," Lauretta Wormser, Naval Air Warfare Center, Nov. 3, 12:20 p.m., 317 Martha Van Rensselaer Hall.

Toxicology

"Chlorinated Ethenes Degradation Using Series Treatment with Methanogenic and Methanotropic Bioreactors," William Jewell, agriculture & biological engineering, Oct. 28, 12:20 p.m., 135 Emerson.

Urban Studies and Planning

TBA, Oct. 28, 12:20 P.M., 115 Tjaden Hall.

symposiums

African Development

"Swords into Plowshares: Local Peace Initiatives in Africa," will feature speakers and a panel discussion on Oct. 29, from 9 a.m. to 5 p.m. at 290 Myron Taylor Hall. Local and regional efforts for conflict resolution and international support for local initiatives are among topics discussed. Call 255-5499 for more information.

theater

Theatre Arts Department

The Theatre Arts Department presents "The Glass Menagerie" on the following dates: Oct. 27, 28, 29 at 8 p.m.; Oct. 29, 30 at 2 p.m., in the Class of '56 Flexible Theatre. Tickets are \$6 and \$8. Celebrating its 50th anniversary, Tennessee Williams' *The Glass Menagerie* is a "memory play" about a family and regret.

Auditions for spring productions. Sign-up in Green Room 101. Open to Cornell students. Oct. 31 and Nov. 1 from 7 p.m. to 10 p.m.; Flexible Theatre.

miscellany

Astronomical Observing

The Cornell Astronomical Society hosts an open house every clear Friday evening at Fuertes Observatory, located on north campus next to Helen Newman Gymnasium. Enjoy stunning views of the planets, moon and other heavenly bodies through an historic 12-inch diameter brass refracting telescope. Visiting hours are from 8 p.m. to midnight.

Gannett Health Center

Flu vaccines are available on: Oct. 27 at 8:30 a.m. to 11:30 a.m.; 1:30 p.m. to 4 p.m.; Oct. 31 at 1:30 p.m. to 4 p.m.; Nov. 2: 8:30 a.m. to 11:30 a.m.; and Nov. 4 at 8:30 a.m. to 11:30 a.m.; 1:30 p.m. to 4 p.m. Fee: \$8. Flu vaccine is recommended for those with chronic illnesses (such as heart or lung disease, asthma or diabetes).

Johnson Art Museum

"Celebrating the Art of the Americas," is the focus of this fall's public program day on Oct. 29 from 11 a.m. to 4 p.m. This event will feature gallery tours, artist's demonstrations, music, food, storytelling and hands-on activities which celebrate the diversity of American art and highlight the contributions of Native American, Mexican and African-American artists.

Writing Workshop

Free tutorial instruction in writing is offered through the Writing Workshop Walk-in Service as follows:

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

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

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

sports

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

Men's Cross Country (2-1)

Oct. 28, Heptagonals at Van Cortlandt Park.

Women's Cross Country (2-0)

Oct. 28, Heptagonals at Van Cortlandt Park.

Field Hockey (7-5-1)

Oct. 28 BROWN, 1:30 p.m.

Ltwt. Football (1-3)

Oct. 28, NAVY, 7:30 p.m.

Football (6-0)

Oct. 29 BROWN, 1 p.m.

Men's Soccer (1-8-2)

Oct. 29 BROWN, 3:30 p.m.

Women's Soccer (6-4-2)

Oct. 29 BROWN, 11 a.m.

Oct. 30 Massachusetts, 1p.m.

Men's Tennis (2-1)

Oct. 29-30, CORNELL FALL CLASSIC

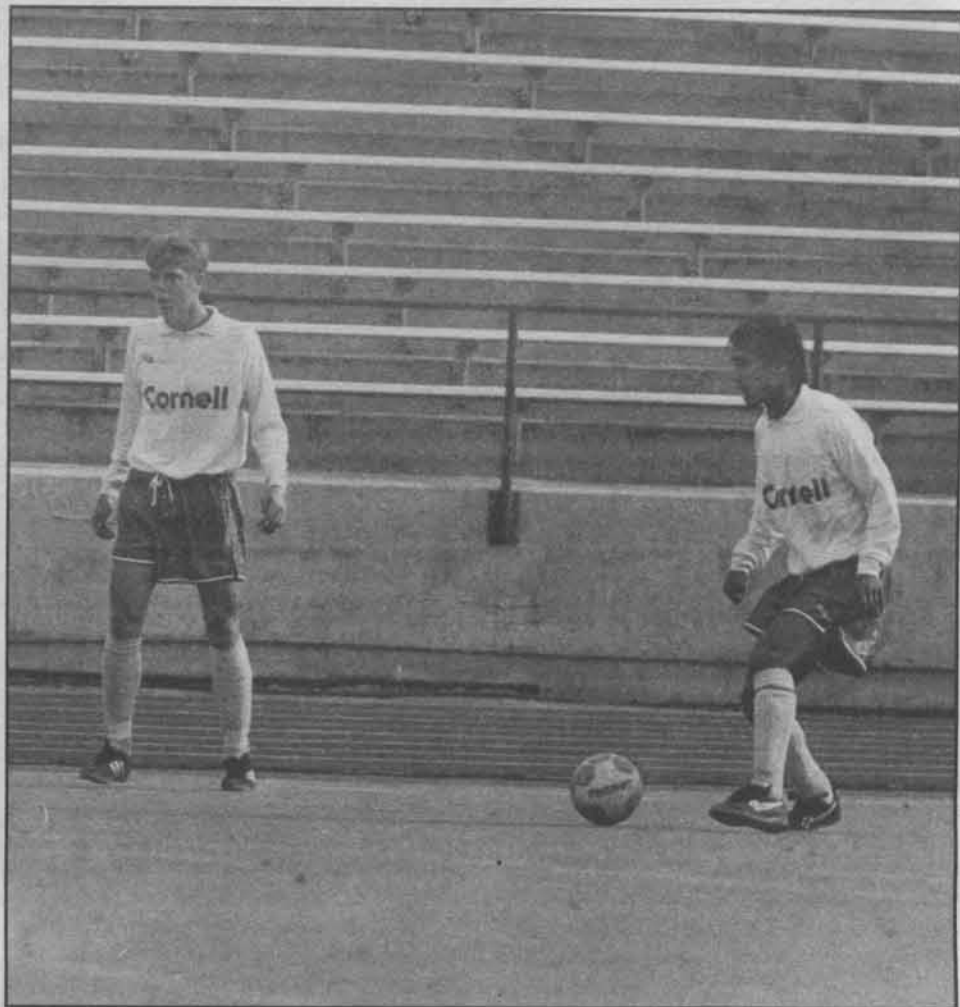
Women's Tennis (2-0)

Oct. 28-30, Rolex/ITA indiv. at Penn. State

Women's Volleyball (5-12)

Oct. 28, at Princeton, 7:30 p.m.

Oct. 29, at Pennsylvania, 4 p.m.



Tim McKinney

Dion Burow (right) and Marc Thorne.

Burow is a star student-athlete

By Patrick Gillespie

Some student-athletes excel more in their favorite sport than they do in the classroom. And sometimes it works the other way.

When you get a student-athlete who starts for the varsity for three years and is outstanding in his field of study, that is somewhat rare. Such is the case with senior back Dion Burow of the men's soccer team.

Burow has started every game he has played, as either the sweeper back or a midfielder for the Big Red since his sophomore year - a total of 37 contests (though he has missed three games due to injuries). He finished his sophomore season - his first with the varsity - second on the team with three assists. That's outstanding offensive production out of a back.

In addition to being a fine defender, Burow has the uncanny knack of clearing the ball out of the Big Red's defensive third of the field and finding the open man downfield. If an opposing forward breaks free, Burow can usually get to the ball and prevent a shot on goal. Burow is one of the reasons Cornell has outshot its opponents each of the past three years. Entering the Oct. 22 game at Dartmouth, the Big Red had been outshot only twice (Princeton and Hartwick) and held a 182-127 shot advantage through 10 games.

"Dion brought a lot of experience to our program coming out of high school," said head coach Dave Sarachan. "He played very competitive soccer prior to coming to Cornell,

including playing for his state team.

"Being a sweeper, you need certain characteristics, good technical skills and a sense of calm and composure," Sarachan added. "Dion has developed an instinct where he has honed these skills and has a sense of timing that a sweeper needs. In order to be successful, a sweeper must be a complete package and Dion is just that."

In 1993, Burow started all 15 of the Big Red's games as the team posted a 7-7-1 record for the second year in a row. He earned honorable mention All-Ivy following his junior campaign and was named to the Lanzera/Sheraton Classic All-Tournament team. That tournament, played in Charlottesville, Va., featured some of the best soccer talent in the country with national champion Virginia, NCAA participant North Carolina and Ivy League foe Brown also competing.

But Burow is not only an athlete. He has had an outstanding academic record while at Cornell. He is a two-time Academic All-Ivy selection and was a GTE Academic All-District selection last spring. He has been named to the dean's list and was named the Outstanding Chemistry Student in 1991-92. This past summer, the policy analysis student was an intern for the National Council for Urban Economic Development in Washington, D.C.

Burow, a native of New Haven, Conn., earned four letters as a midfielder/sweeper and one in track at the Hopkins School. He was a three-time all-state and All-Western New England selection.

