

# CORNELL Chronicle

Volume 27 Number 11 November 2, 1995

## HEALTH-PLAN RATES

The 1996 rate structures are announced for the endowed Managed Choice and 80/20 Health Care Plan.

4

## IT'S FAMILY WEEKEND

Parents and relatives of first-year undergraduates are visiting campus during the next three days.

7

## Chinese-American activist Harry Wu will speak Nov. 5

Harry Wu, a man whose life has become emblematic of human rights activism, will speak at Cornell on Sunday, Nov. 5, in the David L. Call Alumni Auditorium in Kennedy Hall at 7:30 p.m. Tickets, at \$3 for students and \$5 for others, are on sale at the Willard Straight Hall Ticket Office.

By his own account, Wu, 58, has spent almost 20 years in Chinese prisons and under forced labor for his attempts to expose human-rights violations in that country.

As recently as this summer, Wu, a naturalized American citizen, was imprisoned for nine weeks in China after trying to enter the country on June 19 using a United States passport. He was charged with disclosing state secrets to foreign organizations, a crime which could have resulted in



Wu

of his jail term.

Wu's detention followed the controversial visit to Cornell, June 8-10, by Taiwanese President and university alumnus

Lee Tung-hui. Both events exacerbated tensions between China and the United States.

After much diplomatic maneuvering between the United States and China, Wu was expelled on Aug. 24, after a Chinese court convicted him of spying and sentenced him to 15 years in jail. Wu said he had decided to go on a hunger strike "unto the death" if Chinese authorities had made him serve any

of his jail term.

Wu's detention followed the controversial visit to Cornell, June 8-10, by Taiwanese President and university alumnus

Lee Tung-hui. Both events exacerbated tensions between China and the United States.

Wu, the son of a well-to-do Shanghai banker, was first put in a Chinese prison camp in 1960 while he was a student at Beijing Geological College, and he spent the next 19 years under forced-labor conditions.

A Hoover Institution research fellow, he came to the United States in 1985 as a visiting scholar at the University of California, Berkeley. But he risked his freedom again in 1991 when he returned twice to his homeland to secretly videotape human rights violations.

Wu's talk is sponsored by the Third World Student Programming Board.

## Palestinian spokesperson visits Nov. 7-8

Hanan Ashrawi, internationally known as one of the chief spokespersons for the cause of Palestinian independence, will be the 1995 Henry E. and Nancy Horton Bartels World Affairs Fellow at Cornell Nov. 7 and 8.

Ashrawi will present the Bartels Fellowship Lecture on Wednesday, Nov. 8, in the David L. Call Alumni Auditorium of Kennedy Hall at 7:30 p.m.



Ashrawi

Titled "The Middle East Peace Process: A Personal Account," the lecture is free and open to the public.

Ashrawi's two-day visit to Cornell is hosted by the Mario Einaudi Center for International Studies. She will meet with students and faculty from the Near Eastern Studies, Peace Studies and Women's Studies programs, the Arab Club, the Israeli community and students interested in human rights and Arab-Israeli concerns.

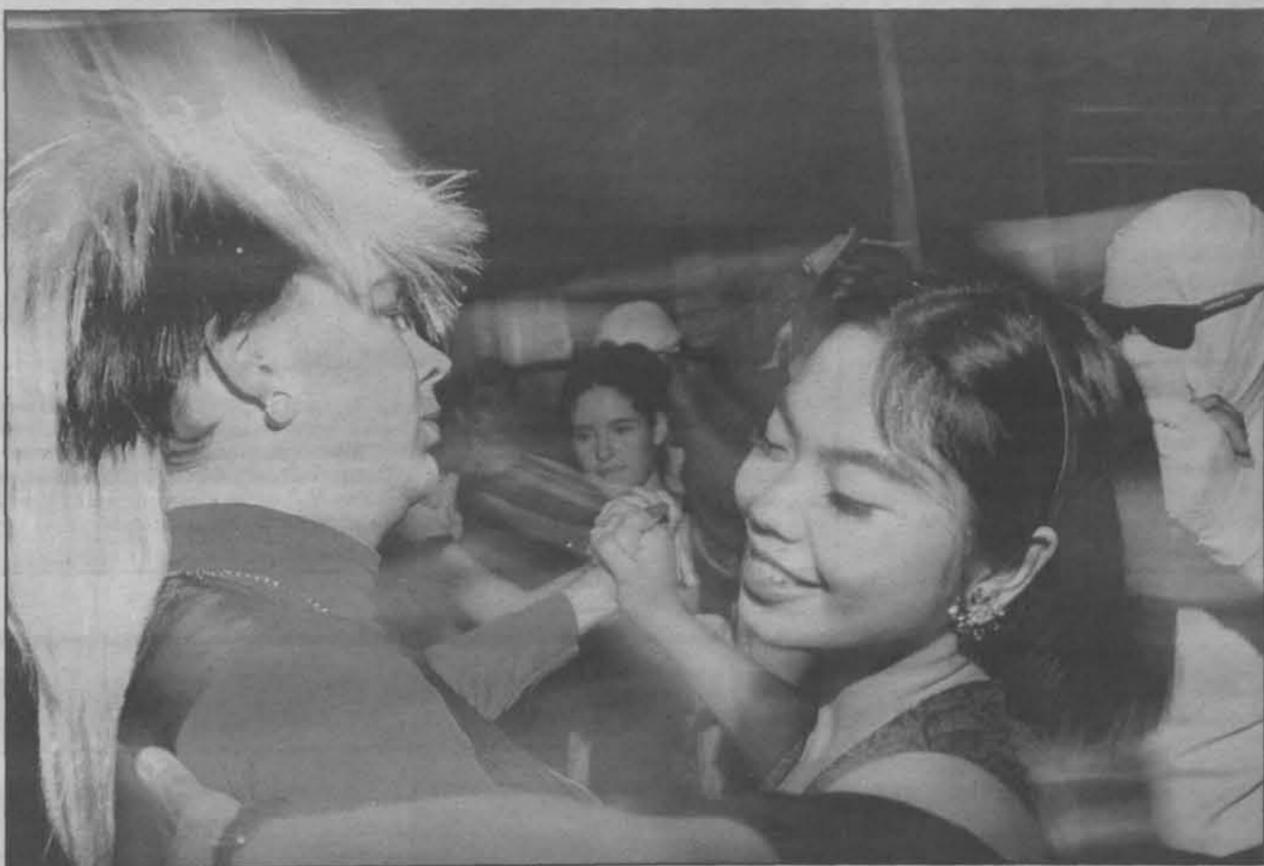
Ashrawi will sign copies of her recent book, *This Side of Peace: A Personal Account*, at the Campus Store on Tuesday, Nov. 7, at 2:45 p.m.

Ashrawi rose to prominence in the international arena when she was chosen as spokesperson for the Palestinian delegation to the ground-breaking Middle East peace conference in Madrid in 1991. An eloquent speaker in both English and Arabic, she soon came to be viewed as one of the most articulate and recognized voices for the Palestinian cause. On the podium and in the media, she received praise for her keen intellect and her fierce commitment to human rights.

She continued to serve as a spokesperson for the Palestinians at the 1992 bilateral talks in Washington, D.C., between Israel and the Arab delegations. After Yasir Arafat and Israeli prime minister Yitzhak Rabin clasped hands on the South Lawn of the White House to mark the accord between the PLO and Israel in 1993, Ashrawi was invited to serve in Arafat's new administration. She declined the offer and instead went on to become commissioner general of the Palestinian Independent Commission for Citizens' Rights, a group that monitors complaints of mistreatment. This summer, she stepped down from that post, citing an "ab-

Continued on page 10

## Scary night for dancing



Tom Smulders, left, a grad student in psychology, and Ingrid Hsu, a junior in neurobiology and behavior, show their steps at an Oct. 27 Halloween Party at the Big Red Barn sponsored by the Ballroom Dancing Club.

## Visit fortifies CU research connections to China

By Blaine P. Friedlander Jr.

Two Cornell educators have returned from a China visit that fortified already-strong connections between the university and China's most prestigious agricultural research institutions.

"We have a very positive feeling about the leadership in the new China Agricultural University. They reaffirmed very strongly about enhancing the relationship between the Chinese research institutions and Cornell," said James E. Haldeman, associate director of the Cornell International Institute for Food, Agriculture and Development (CIIFAD). "I feel very optimistic that we could seize the moment. In China, there is a great scientific ability."

Haldeman and Robert H. Foote, the Jacob Gould Schurman Professor Emeritus of Animal Science, represented Cornell University for the Oct. 8 ceremonies officially



Foote



Haldeman

pronouncing the merger of China's two leading agricultural universities. Beijing Agricultural University and Beijing Agricultural Engineering University have been merged to become China Agricultural University. Foote holds an honorary professorship at the newly created institution.

With the emergence of a newer, stronger university, it became an appropriate time to consider the information-sharing potential. "On this trip, it was decided that we

would rewrite the Memorandum of Understanding (MOU) to reflect the new name of the university and to make it more specific," said Haldeman.

"The CAU leadership will provide a list of priority areas which they feel is important to study. These scientific areas will be shared with Cornell faculty and, where there appears to be common ground for research and teaching, the new MOU will reflect them," he said. "Initially, they have identified biotechnology, molecular biology and environment science as areas in which they would like to exchange information."

The benefits of entering such agreements are numerous, according to Norman T. Uphoff, director of CIIFAD. "The potential for genius is spread evenly around the globe. We want to work with the Chinese to encourage an openness of science and tap that genius," he said. "The sheer magnitude of Asia is important to

Continued on page 2

China *continued from page 1*

remember — it's got more than half the world's population and we want them to be part of the human enterprise. Their knowledge is first class, as is ours, and we want to share those resources."

Late in September, Cornell received visitors from Beijing Agricultural University (now CAU), which enhanced another bridge between Cornell, other U.S. universities and several Chinese institutions. Through the China-Cornell Fellowship Program, a grant was provided by the Rockefeller Foundation in 1992 that laid the groundwork for informational exchange between Cornell and CAU, the Beijing Medical University and Qinghua University.

"This is a good way to stem 'brain drain' and provide a bigger collaboration between the U.S. and China," said Xiangzhong Yang, director of the China Cornell Fellowship Program. At Cornell, he is also a senior research associate in animal science and a professor of animal science through the China Agricultural University.

"Even though the agriculture colleges are big players, this program is not limited to just ag. It's open to all disciplines," Yang said. "We hope to expand this program to include areas such as the social and political sciences."

While exchanges are administered through CIIFAD, Haldeman notes that the initiatives are always faculty driven. "We are the framework, if you will, for helping to establish ties between our researchers here and their researchers," he said. "But this is a faculty-driven opportunity — based on their interests and their resources. We can't tell them what to research, but if they want to use this avenue, they may."

On a larger level, Haldeman believes that the New York state economy can ultimately benefit from such exchanges. He said that there are many capable and superb scientists in China. By nurturing these relationships and sharing knowledge and resources, we all benefit.

"There are a lot of commodities involved. In fact, when I was there it felt like I was in upstate New York, the greenery of the countryside was very similar; corn wheat, apples, pears, cabbage, potatoes, etcetera," said Haldeman. "That's one of the reasons this idea is very attractive to both institutions. We have a lot in common."

Getting the word from Albany



Photographs by Adriana Rovers/University Photography  
**New York State Assemblymen Martin A. Luster (D-125th) and Edward Sullivan (D-69th) visited campus on Oct. 24. Top photo: Luster, center, Ithaca-area assemblyman and member of the Assembly Higher Education Committee, and Sullivan, chairman of the committee, talk with human ecology students Jenevieve Nguyen, left, and Erika Johnson in their Issues in Contemporary Society 101 class, to which Sullivan lectured. Bottom photos: Later, Provost Don Randel, left, Franklin M. Loew, right, dean of the College of Veterinary Medicine, and other statutory deans and administrators met with Sullivan, center, and Luster in Martha Van Rensselaer Hall.**

Chronicle schedule

Due to the Thanksgiving holiday, the *Cornell Chronicle* will not publish Nov. 23. Submissions for the paper of Nov. 16, which will cover Nov. 16 through Nov. 30, are due Monday, Nov. 6. Have a nice holiday!

CORNELL Chronicle

Henrik N. Dullea, Vice President for University Relations  
 Linda Grace-Kobas, Director, Cornell News Service  
 Simeon Moss, Editor  
 Karen Walters, Editorial Assistant  
 Dianna Marsh, Circulation

Published 40 times a year, Cornell Chronicle is distributed free of charge to Cornell University faculty, students and staff by the University News Service. Mail subscriptions, \$20 for six months; \$38 per year. Make checks payable to Cornell Chronicle and send to Village Green, 840 Hanshaw Road, Ithaca, N.Y. 14850. Telephone (607) 255-4206. E-mail: cunews@cornell.edu. Second-Class Postage Rates paid at Ithaca, N.Y.

POSTMASTER: Send address changes to the Cornell Chronicle (ISSN 0747-4628), Cornell University, 840 Hanshaw Road, Ithaca, N.Y. 14850.

It is the policy of Cornell University actively to support equality of educational and employment opportunity. No person shall be denied admission to any educational program or activity or be denied employment on the basis of any legally prohibited discrimination involving, but not limited to, such factors as race, color, creed, religion, national or ethnic origin, sex, sexual orientation, age or handicap. The university is committed to the maintenance of affirmative-action programs that will assure the continuation of such equality of opportunity. Sexual harassment is an act of discrimination and, as such, will not be tolerated. Inquiries concerning the application of Title IX may be referred to Cornell's title IX (Coordinator of Women's Services) at the Office of Equal Opportunity, Cornell University, 234 Day Hall, Ithaca, N.Y. 14853-2801 (telephone 607 255-3976).

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

BRIEFS

■ **Firebaugh receives award:** Francille Firebaugh, dean of the College of Human Ecology, is a recipient of the 1995 Distinguished Service Award from the American Association of Family and Consumer Sciences (AFCS).



Firebaugh

The award is given each year to recognize members of the AFCS for superior achievements in family and consumer sciences, outstanding professional contributions and sustained leadership at both the state and national levels.

Cited for her "sustained commitment to family and consumer issues" in the fall

issue of the *Journal of Family and Consumer Sciences*, Firebaugh also is described as "a highly respected and recognized leader within the field at both the national and international levels."

"Administratively and fundamentally, her leadership abilities in higher education have contributed to the strengthening of the profession," the association said.

A specialist in family resource management and author or co-author of more than 50 scholarly articles and two books, Firebaugh came to Cornell as dean in 1988 from Ohio State University.

At Ohio State, she served in several administrative capacities, including vice provost for international affairs, acting vice president for agricultural administration and associate provost.

■ **Women's equestrian makes varsity:** The sport of women's equestrian at Cornell has been elevated from club status to the varsity team level, Charles R. Moore, director of athletics, has announced.

The first competition for the team was Saturday (Cornell placed fifth out of 14 teams), and it will participate in 10 events this year, including two home shows at the Equestrian Center on Pine Tree Road. The first home show will be Dec. 3.

Cornell's first equestrian team will be directed by Sue Elbrecht, a native of Owego, who has been an English style instructor for the past 15 years. Elbrecht has served as a judge for the National Intercollegiate Horse Show Association (IHSA) for the past eight years.

APPOINTMENTS

*The Board of Trustees approved tenure recommendations at its Oct. 13 meeting. The following faculty members were elected professors with indefinite tenure:*

**John W. Fitzpatrick**, Section of Ecology and Systematics, Division of Biological Sciences, and the Louis Agassiz Fuertes Director of the Cornell Laboratory of Ornithology; and **Eloy Rodriguez**, the James A.

Perkins Professor of Environmental Studies in the Liberty Hyde Bailey Hortorium, Division of Biological Sciences.

*The following were elected associate professors with indefinite tenure:*

**Naomi S. Altman**, Department of Plant Breeding and Biometry, College of Agriculture and Life Sciences; **Stephen C. Barr**,

Department of Clinical Sciences, College of Veterinary Medicine; **Iain D. Boyd**, Sibley School of Mechanical and Aerospace Engineering; **James Thomas Brenna**, Division of Nutritional Sciences; **Rebecca Harris-Warrick**, Department of Music, College of Arts and Sciences; and **Sarosh Kuruvilla**, School of Industrial and Labor Relations.

# Program allows alumni to trade experiences with students

By Dennis Shin '96

Participating in the annual Alumni-in-Residence program, 11 Cornell graduates returned to campus Oct. 22-24 to relive the student experience. According to participants, the event opened the eyes of both current and former students to new perspectives on life at the university.

"Taking part in this program has made me realize that it's a very intense experience coming to Cornell," said Joyce Marshall '66, a human ecology graduate. "It's great to revisit it at different stages of your life because it enables you to see the effect Cornell has on who you are and who you become."

Initiated in 1987, the program invites alumni selected by their colleges to learn about the daily life of current students. With a busy schedule of attending classes, eating in dining halls and meeting with students in the dorms where they stay as guests, the participating alumni blend into student life all over again, according to Nancy Law, assistant director of club programs for the Office of Alumni Affairs.

"I think it's a unique way for alumni to participate with the university because it's not just coming back to campus for a football game or council meeting. They're really intimately involved with the whole program," Law said. "A lot of them start to feel like freshmen. They don't know anyone, they try to reach out and meet people, and they have to find their way around a campus that has changed physically."

At a reception held at the Big Red Barn on the evening of Oct. 23, the eleven alumni met with students, other than their hosts, to more broadly share experiences. During the reception, the alumni were officially welcomed by Vice President for Student and Academic Affairs Susan Murphy and were later serenaded by the all-female, student a cappella group After Eight.

Meg Roe '83, one of the youngest alums in this year's program, pointed out at the Big Red Barn gathering how the mentality of students seems to have changed since the time she studied in the hotel school.

"The level of maturity and confidence of the students today really impressed me," she said. "I remember being shy and timid, but these students appear really outgoing."

Although the alumni commented on "re-living" their freshman years, they also noted



Participants in the 1995 Alumni in Residence Program and Student Assembly members gathered in the Big Red Barn on the night of Oct. 23 for a Welcoming Reception. From left, Kristina Podesva '96 and Alison Klugherz '96 talk with alumnus Anthony Casendino '59-'60 in Architecture, Art and Planning. Casendino, from Boston, has a career in architecture and urban-change management.

Adriana Rovers/University Photography

that today's freshman experience is in some ways dramatically different from the ones they remember.

"When I was at Cornell, West Campus was for men, North Campus was for women, and the women had strict curfews, so it's been interesting to return and stay with a student host on West," Marshall said.

Because residence halls were so strictly segregated when she was a student, Marshall was especially anxious about such new experiences as co-ed bathrooms.

"I was showering my first morning and a young man walked right on in to the bathroom and started brushing his teeth. That was a shock at first," she said.

Other alums enjoyed meeting with students in the classroom setting and observing how methods of both teaching and learning have evolved. Carol Brown '57, a graduate

of the school of architecture, spoke at a seminar on contemporary issues in art. She also visited students' studios where she viewed their art projects.

"The students I met are really dealing with a lot of different issues at once," Brown said. "They are very dedicated to their work, thinking hard about it and producing impressive results. At the same time, they are concerned about how they are going to survive after Cornell. For artists, especially, it's getting much tougher."

Alumni were not the only ones who learned from their visit, however, as student hosts revealed how they found out that the Cornell experience can endure beyond four years.

"I was encouraged to learn that you don't necessarily end up doing what you major in once you graduate. I'm now realizing that things change and that has relieved a lot of

pressure I was feeling when I first got here," said freshman Ilana Kubel.

Students were selected by their residence hall directors for participation in the program. Besides offering the alumni an opportunity to learn about the current issues the Cornell community faces, Law pointed out that the program enabled students to learn about real-world issues, such as balancing professional experiences with a personal life.

"I found that students are incredibly career-oriented," said Anthony Casendino '59-'60, an architect from Boston. "Although having such focus is good, I hope that they aren't forgetting the value of learning as an experience while they are here."

According to both alumni and student participants, in a program like Alumni-in-Residence, one crosses generations in providing such a learning experience.

# Symposium celebrates creation of endowed nutrition professorship

By Dennis Shin '96

At a symposium honoring the first endowed chair in the College of Human Ecology's Division of Nutritional Sciences, four international leaders in nutrition research and policy gathered in the conference room of Clark Hall on Oct. 27 to discuss "Maternal and Child Nutrition: National and International Perspectives."

Recognizing the establishment of the Nancy Schlegel Meinig Professorship of Maternal and Child Nutrition, the event honored both Jere Haas, professor of nutritional sciences and the first professor to receive the endowed title, and the Meinig family for their contributions to the advancement of the field of nutrition research.

"Traditionally, Cornell always has been a cutting-edge leader in nutrition, and this symposium gives substance to the important work that is being done in this area," said donor Nancy Meinig '62, a graduate in food and nutrition.

Four speakers were invited to address the symposium, based on their interdisciplinary approaches to nutrition and their authority at the national or international level.

Moderated by Cutberto Garza, director and professor of Nutritional Sciences, the event concluded with a response by Haas.

"This is really a celebration not of a professorship, but of maternal and child nutrition and the people who are dedicated to its research and action," Haas said.

Opening the panel discussion, Eileen Kennedy, executive director of the U.S. Department of Agriculture's Center for Nutrition Policy and Promotion, analyzed the Clinton Administration's reaction to the block grant proposed by the U.S. House of Representatives on federal Food Assistance Program costs. Saying that 14 million children are now on food stamps, Kennedy insisted that a responsible agenda for change is necessary but, she argued, the current threat to cut off funding does not provide the solution.

Presenting research findings that revealed a gap between



**'At Cornell, we are actively involved in building . . . bridges. We've been at the forefront of teaching and research in the area of maternal and child nutrition, and this**

**professorship allows us to do that a lot better.'**

— Jere Haas

consumer knowledge and consumer action when it comes to nutritional choices, Kennedy concluded: "While we have achieved remarkable success in developing the dietary guidelines, I believe we've been much less successful in communicating these guidelines in a way that motivates consumers to change their behavior to an improved diet."

Janet King, director of the Western Human Nutrition Research Center, characterized a form of "silent malnutrition" that takes place in the United States. Although this country may be seen as the leader among developed nations, King noted that chronic-insufficient or poor food choices sustain malnutrition among diverse sectors of the American population.

"We need to remember that the vulnerable population, particularly here in the United States, is not homogeneous. So one remedy, [such as the federal Food Assistance Program], is unlikely to serve all," King said.

Micheline Beaudry, chief of the nutrition section at UNICEF headquarters in New York, summarized the consequences of malnutrition at the international level. Accord-

ing to Beaudry, 180 million of the world's children are underweight, and half of that number live in south Asia.

"We frequently tend to divide the problems and solutions into 'we' and 'they,' meaning that 'they' have problems and 'we' have solutions," Beaudry said.

Detailing UNICEF's strategy to address these problems, Beaudry asserted the need for a more cooperative mentality in mobilizing efforts and resources globally to reach the targets set by international goals and standards.

In defining the methodologies of international dietary assessment, Judit Katona-Apte, senior humanitarian affairs officer for food security at the United Nations, focused on the establishment of food needs and the assessment of self-reliance.

"Whether or not the food selected will contain sufficient nutrients is an important consideration, and the current wisdom of the times states that nutritional needs are not automatically met even when food needs are," said Katona-Apte.

Students in the audience said they found the merging of broad perspectives enlightening. Laurie Herraiz, a doctoral student in Human Nutrition, found the concept of involving people in research as individual participants, not as laboratory subjects, a principle that she could apply to her own work.

"I thought it was a unique opportunity to hear worldly perspectives on topics of a more global nature that we sometimes take for granted and don't focus on," Herraiz said.

Each of the speakers, along with Haas, agreed that effective policy must depend on active research. Demonstrating that women and children comprise the most vulnerable segment of the population in terms of nutrition problems, the symposium, said Haas, exposed gaps that must be bridged between the nutrition science and the communication.

"At Cornell, we are actively involved in building those bridges," he said. "We've been at the forefront of teaching and research in the area of maternal and child nutrition, and this professorship allows us to do that a lot better."

## CORNELL'S ENDOWED HEALTH CARE PROGRAMS

# 1996 rates announced for Managed Care and 80/20 plans

By Jean Samuelson  
Director, Benefit Services

We have now had a little over one year's experience since Cornell offered Managed Choice in addition to the 80/20 Health Care Plan for endowed faculty and staff. In that one year, 40 percent of those eligible have enrolled in Managed Choice. Those in Managed Choice seem to be very satisfied with their coverage, with very few complaints about the program coming into Benefits Services, and very few participants in Managed Choice moving back to the 80/20 Plan. Aetna tells us that faculty, staff, and their families in Managed Choice are accessing preventive care and most have had complete physical exams.

As many of you know, Managed Choice was implemented at the university as a way of containing the ever-rising costs of health care. Its lower premiums and copayments,

**We did not expect the costs for both Managed Choice and the 80/20 Plan to increase at the rate that they have this past year.**

as well as its emphasis on wellness and prevention, have helped staff and faculty better meet their health care needs. Over the longer term, we expect that this emphasis on wellness and preventive care will help the university as well.

We knew that over the short term Managed Choice would not initially help contain costs, since those people first enrolling in Managed Choice would take advantage of the physicals and other wellness incentives that it offers. However, we did not expect the costs for both Managed Choice and the 80/20 Plan to increase at the rate that they have this past year.

This year, we had a dramatic increase in the number and size of catastrophic claims – 25 of which have been over \$100,000 – totaling \$3.5 million. We have also had more families choosing to be enrolled in the 80/20 Plan or Managed Choice rather than in other health care plans (as sometimes happens when a spouse or partner is employed elsewhere).

The total increase in costs – over \$4 million – represents a 20 percent increase in costs over last year's costs, instead of the 10 percent we had originally projected. Because Cornell is self-insured, we have had to make some adjustments for 1996 in our rate structure for both Managed Choice and the 80/20 Plan.

### New Health Care Rates

The current biweekly contributions, the new biweekly contributions and changes in the deductible and out-of-pocket maximums for endowed faculty, staff and early retirees are shown in Chart 1. We have had to increase premiums in both programs and increase deductibles and out-of-pocket maximums in the 80/20 Plan. These new rates will take effect with your first full pay period of the new year.

Feedback from faculty and staff has indicated that some have been hesitant about enrolling in Managed Choice because of the high out-of-pocket maximums that could be incurred if a participant went "out-of-network" to seek health care. Because we believe that over the long term Managed Choice will help slow the increase in health care rates, we want to encourage greater participation in Managed Choice for 1996. So the new rate structure also reflects a decrease in the out-of-pocket maximums for Managed Choice non-network benefits.

### Health Care Costs Still Rising

We know that the new rates structure

will not be welcomed news, as we continue to see an increase in the cost of health care annually in spite of our efforts to control costs for both the university and our faculty, staff and retirees. Some of this increase—such as that in catastrophic claims—could not be predicted. From a national perspective, however, Cornell is not alone in experiencing health care costs that continue to spiral upward.

Although many employers nationwide saw increases of less than 10 percent this year, surveys have shown that those were employers who offered HMOs or other types of managed care only. Employers who offer managed care products in conjunction with traditional indemnity plans

are added, Cornell's salaries and benefits will increase by nearly \$13 million. This would bring the total cost to Cornell for 1996 for endowed salaries and benefits to nearly \$365 million.

Additionally, everything – salaries, health care, life insurance, retirement, other benefits – is interconnected. Any increase in salaries has a domino effect, creating increases in the amount Cornell spends in retirement contributions, short and long term disability, life insurance, Workers' Compensation, Social Security and Medicare taxes.

### Cornell's Share of Costs

A number of principles, which take into

The 90/10, 60/40 sharing ratio is based on the total dollars it takes to provide health care coverage to faculty and staff each year. It includes, on the employee's side, the costs of premiums and, on Cornell's side, the percentage payment toward health care expenses (80 percent for the 80/20 Plan and 90 percent for Managed Choice), as well as all the payments Cornell makes once an individual has exceeded the cap on out-of-pocket expenses, which are features of both the 80/20 Plan and Managed Choice. Also included in the total are mental health and substance abuse costs and the costs of prescription drugs to Cornell.

The 1995 rates are based on a 92 percent university contribution for single coverage and 75 percent on the aggregate cost for families. The combined university contribution for dual spouse coverage in Managed Choice is 87 percent. This year's contribution rate represents a 1 percent reduction in each category over last year's university contribution, and eventually this amount will gradually decrease until it reaches the targeted 90 percent for single and 60 percent for family.

### Determining a Longer Range Strategy

While controlling health care costs has required some hard decisions, we hope to begin seeing a stabilization of expense in the health program over the long term. We are optimistic that changes made over the past few years in the prescription drug program, the retiree program and the introduction of Managed Choice will allow us to exercise a degree of control over future increases in health care expenses for Cornell and for our faculty, staff, retirees and their families.

Even with these changes, however, we do not expect that the cost of Cornell's health care program will go down (unless something significant happens at the state or federal level). We do expect the changes we have introduced over the past several years to slow the rate of increase in health care expense for both Cornell and our plan participants.

### In Conclusion

As in the past, our objective is to balance the responsible stewardship of university finances with the desire to provide a responsible level of protection for our faculty, staff, retirees and their families. We feel it is important that we continue an ongoing dialogue with you, our faculty and staff, so that we can design health care programs that meet your needs, while also sharing with you the information that will help you understand the changes under way. I believe that collaboratively we can continue to develop creative solutions to these very complex issues.

### Discussions about Guiding Principles

As we look to the future, we plan to control health care costs within a context of planned, deliberate principles that will guide our overall program design.

These guiding principles emerged from last year's informational meetings and will be the basis for future rate development in the endowed health care program:

- The university plans to continue to offer a choice of health care plans within the endowed health care program.
- Premiums for the 80/20 Plan and Managed Choice will be comparable.
- The value (as measured by cost per person) of benefits provided under the two programs will be comparable.
- To maintain choice within Cornell's endowed health care program it is necessary to enroll a minimum of 20 percent of our faculty and staff in any one program.
- The endowed health care program should be priced as a true self-insured arrangement and should be self-supporting over time.

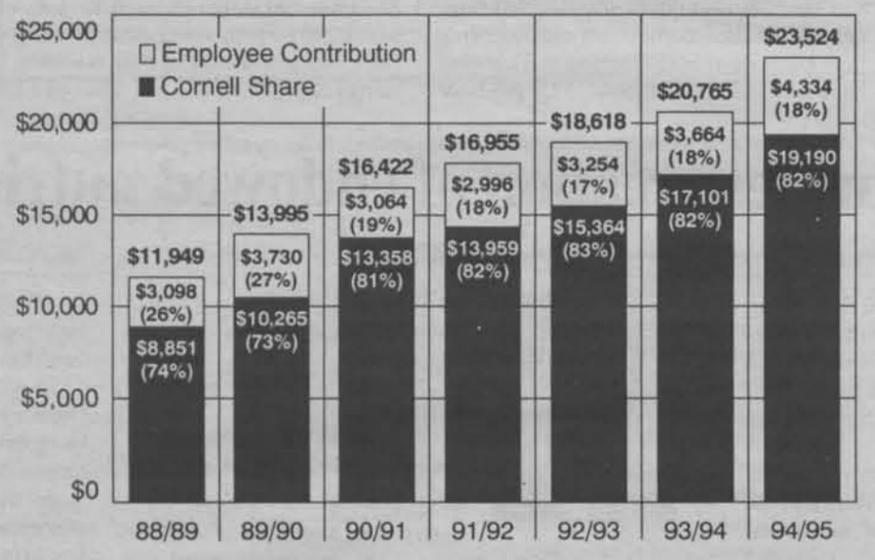
## Calendar Year 1996 Endowed Health Plan

Rate Structure	Current Rates	Rates for Calendar Year 1996	
<b>Employee biweekly premiums:</b>	80/20 Single	\$5.31	\$7.55
	80/20 Family	\$43.66	\$53.43
	80/20 Dual Spouse	\$22.80	\$28.18
	Managed Choice Single	\$4.87	\$5.97
	Managed Choice Family	\$42.56	\$49.83
	Managed Choice Dual Spouse	\$21.69	\$26.28
<b>Deductibles:</b>	Individual/Family	Individual/Family	
	80/20	\$200/\$400	\$250/\$500
	Managed Choice Out of Network	\$250/\$750	\$250/\$750
<b>Out-of-pocket maximums:</b>	Individual/Family	Individual/Family	
	80/20	\$1,000/\$2,000	\$1,500/\$3,000
	Managed Choice Out of Network	\$5,000/\$10,000	\$2,500/\$5,000

Source: Foster Higgins National Survey for Employer-Sponsored Health Plans, 1994

## Total Cornell Endowed Health Plan Costs

Cornell Share vs. Employee Contributions per Fiscal Year  
(in millions – add three zeros)



saw much higher increases. Over the long term, though we hope to hold the increase in Cornell's cost for 1996 to under \$1 million, Cornell's expenses have almost doubled since 1989 (see Chart 2).

### The Broader Context

It is hard to convey a sense of the overall picture, where health care program expenses are just one part of an overall benefits and compensation expense for Cornell. In general, for every \$1.00 Cornell spends on salaries, it spends an additional \$.35 on benefits, not including the cost of paid time off such as vacations and sick leave. The cost to Cornell to hire an individual is over one-third above what that benefits-eligible person's salary is.

In fiscal year 1994-95, Cornell spent almost \$76 million on endowed benefits alone. That figure is expected to increase to almost \$80 million in this fiscal year. If the increases estimated for endowed salaries

account both the employees' perspective and the broader picture noted above, were used in the development of the 1996 rate structure.

A year ago, during the summer of 1994, through a series of discussions we had with various campus groups, including the Employee Assembly, the Employee Benefits Advisory Committee, the Faculty Council of Representatives, the Human Resource Network, and others, a set of guiding principles was formulated to aid in future health care program evaluations and changes. These principles help ensure that the endowed health care program continues to offer a choice of health care plans, and that the two existing programs – Managed Choice and the 80/20 Plan – be roughly comparable in value.

One of these principles is the movement of the university's share to 90 percent of the cost for single coverage and 60 percent of the additional expense for covering a family.

## Bringing life to high school biology classes

By Roger Segelken

If more high school teachers had access to an innovative curriculum-development program pioneered by scientist-educators at Cornell, their students might find biology a lot more relevant to real life.

Several thousand students are now learning the fundamentals and techniques of the "new biology" — molecular biology — by conducting experiments the same way research scientists do: They pose a question that they care about, instead of questions some distant textbook author dreamed up; they design and carry out their own experiments with specialized lab equipment and supplies most high schools, and many colleges, don't have; and they analyze the results — sometimes disappointing and often surprising, but that's what science is all about.

The new way of learning high school biology is implemented by teachers who receive intensive training during on-campus summer institutes from university faculty and researchers working on the cutting edge of science. After completing the three-week Cornell Institute for Biology Teachers (CIBT) program, the teachers return to their schools, armed with challenging laboratory exercises developed by partnerships between university scientists and high school teachers and tested in high school classes by previous CIBT participants. The teachers also receive grants to buy laboratory supplies, desktop computers that are linked to Cornell and to other teachers around the state, and access to a lending library of equipment that is on every science teacher's wish list.

Now in its sixth year, with major funding from the Howard Hughes Medical Institute as well as start-up support from Apple Computer Co., the institute has trained and equipped more than 150 teachers in New York and Ohio. An estimated 75,000 high school students in those states have learned more modern biology than many thought possible by doing the institute's lab exercises.

"Because teachers can't help teaching other teachers too, the institute's influence has multiplied several-fold," said Peter J.



Adriana Rovers/University Photography  
Rita Calvo, second from left, a senior lecturer in genetics, Peter Bruns, center, director of the Division of Biological Sciences, and Jim Blankenship, right, lecturer in biochemistry, observe high school teachers at the CIBT summer program in Stimson Hall. The teachers are Paul Reed, left, from Chenango Valley High School, and Nancy Wright, second from right, from Honeoye Central School.

Bruns, CIBT founder and director, who also is a professor of genetics and director of the Division of Biological Sciences at Cornell. "Thousands of students have discovered that biology is about them — not some pickled specimen on a dusty shelf — but about the molecules that make us what we are."

Topics covered by the institute's lab exercises are always timely and sometimes ahead of their time. Students in schools with CIBT participants learned about PCR (polymerase chain reaction), RFLP (restriction fragment length polymorphism) and VNTRs (variable number tandem repeats) before some trial lawyers knew what the terms meant.

In one CIBT exercise called "Forensic DNA Amplification, or Who Done It?" the suspects in a murder investigation are fellow students who supply DNA from their mouths' epithelial cells. The DNA is amplified by PCR, and the PCR-generated frag-

ments of DNA are separated on the basis of size by electrophoresis. When results of the experiment are visualized photographically, students try to match the banding pattern of suspects' DNA with DNA evidence left behind by the murderer.

"Kids really want to know what DNA fingerprinting is all about. The O.J. Simpson trial has been one of the biggest boons to the teaching of molecular biology," said David Ruth, the Cornell geneticist who serves as the CIBT outreach worker and travels to schools to assist teachers in presenting the lab exercises. "Students want to know whether they should believe evidence that comes from a little speck of blood, and they discover that science is good for something."

Or students can develop their skills at plant-tissue culture, karyotype analysis, DNA spooling, yeast transformation and the use of protein gel electrophoresis to study evo-

lution. One lab exercise prepared by Cornell Lecturer Lindsay Goodloe and two CIBT alumni, Diane Emord of Syracuse's Henninger High School and Mary Colvard of Cobleskill, encourages students to test the food preferences of slugs. The students learn to design an experiment that may prove or disprove their hypothesis, make observations and accurately record data and draw conclusions based on their findings.

"Once my students get over the initial 'yuck!' response and learn to use 'gross' things, they find that science can be fun," Averill Park High School teacher Melissa Joslin said of the slug lab, often the first exercise teachers use at the start of the year to introduce the new way of learning biology.

"We're asking students to work in a way that is, at first, a little frustrating," added another CIBT graduate from Averill  
*Continued on page 6*

## Researchers battle disease in Theory Center's virtual reality demo

By Margaret Corbit

Visitors to this year's Supercomputing '95 (SC'95) conference Dec. 3-8 in San Diego will be firsthand witnesses to a life-and-death struggle between parasite and victim, using virtual reality to follow the villain on its voyage through the human body, thanks to efforts of Cornell University researchers.

The Cornell Theory Center's (CTC) featured application on SC'95's I-WAY will demonstrate remote interactive use of CTC's Visual Insight Zone to search for a molecular cure to Chagas disease.

Chagas disease afflicts more than 18 million people in tropical America and is caused by a parasite, *Trypanosoma cruzi*, that enters the body through mucus membranes. Passing through the circulatory system and invading individual tissue cells, it frequently causes heart disease. High levels of the chemical trypanothione in the cells of the parasite protect it from naturally toxic byproducts of metabolism in the cell under attack. This chemical is regulated in the cell by an enzyme called trypanothione reductase. Drugs that inhibit this enzyme should kill the parasite.

"At the demonstration, we will witness a reconstruction of the life cycle of the parasite, including a voyage into the human blood stream. Then we will conduct a session of parallel computer-assisted drug design — an attempt to kill the para-



Richard Gillilan  
In this supercomputer-generated visualization, the parasite *Trypanosoma cruzi*, which causes Chagas disease, is shown traveling through the circulatory system.

site inside the human body," said CTC visualization specialist Richard Gillilan. "If all goes according to plan, Cornell researchers working with us on the project will join us in the virtual space to assist with the drug design."

Gillilan collaborates with Dr. Carlos Faerman of Cornell's biochemistry department, in work supported by the Na-

tional Center for Research Resources at the National Institutes of Health, to model and visualize trypanothione reductase. Currently, the researchers use CTC's Visual Insight Zone to evaluate a number of drug compounds to see if they will bind to the enzyme.

The Visual Insight Zone encompasses CTC's interactive high-end visualization

and virtual reality resources.

For the SC'95 demonstration, video and audio information will be passing between Gillilan in San Diego and Faerman in CTC's Visual Insight Zone at Cornell. To the local observer, the remote facility will appear to be a moving cube out in virtual space with live video images of the researchers pasted onto one face.

"The I-WAY will link many of the country's fastest computers and most advanced visualization environments in an experimental configuration based on Asynchronous Transfer Mode (ATM) technology," said Rick Stevens, director of the Mathematics and Computer Science Division, Argonne National Laboratory, and organizer (co-organizer with Tom DeFanti, director of the Electronic Visualization Laboratory at the University of Illinois at Chicago) of the I-WAY project. ATM is an emerging standard for advanced telecommunications networks. The I-WAY will rely primarily on a combination of existing networks, with some additional connectivity and services provided by multiple national service providers.

"The I-WAY represents the first truly national-scale ATM test bed for high-performance computing — a collaboration among carriers, scientists, research institutions and industry," said CTC director Malvin H. Kalos. "As such, it is a great  
*Continued on page 6*

Biology *continued from page 5*

Park, biology teacher Victoria J. Boulay. "Designing your own experiment is very different from the 'cookbook' approach that most students are used to, where you know what the results are 'supposed to be' and there is no allowance for variables. These exercises are open-ended, so what you get out of the experience depends on how much time you spend."

The CIBT lab exercises are realistic, outreach worker Ruth said, because they are developed in collaboration with university researchers who spend the rest of the year on the forefront of advanced technology. "This material is not 'dumbed down,'" Ruth said. "These really are the techniques that are used everyday in molecular biology, genetics and genetic engineering, but we think we've found a way to make them understandable."

"No single concept in science is that hard to understand," Ruth continued, "but when you pile a lot at once, you lose people. We start at the beginning and give the details along the way, and before they know it, the students have mastered some pretty sophisticated concepts."

While university scientists can provide the "content" for the biology curriculum, Ruth observed, that information would be nearly useless without the "packaging" by the people who know what holds students' interests — the teachers. New lab exercises are developed by CIBT graduates, working with Cornell scientists; then the labs are tested by teachers in institute workshops, piloted in some schools, then fine-tuned before being distributed.

Nor would the innovative exercises be practical without enough equipment and supplies for all students to try things out — and then try it again. Equipment grants from the institute to CIBT graduates provide some help, especially in tight-budget times at public schools. The rest comes in "foot lockers," the lending-library kits with enough equipment and supplies for every student to do the experiments. The kits are provided by the Cornell Biotechnology Program, which gets financial support from New York state as well as local and national corporations with an interest in science education.

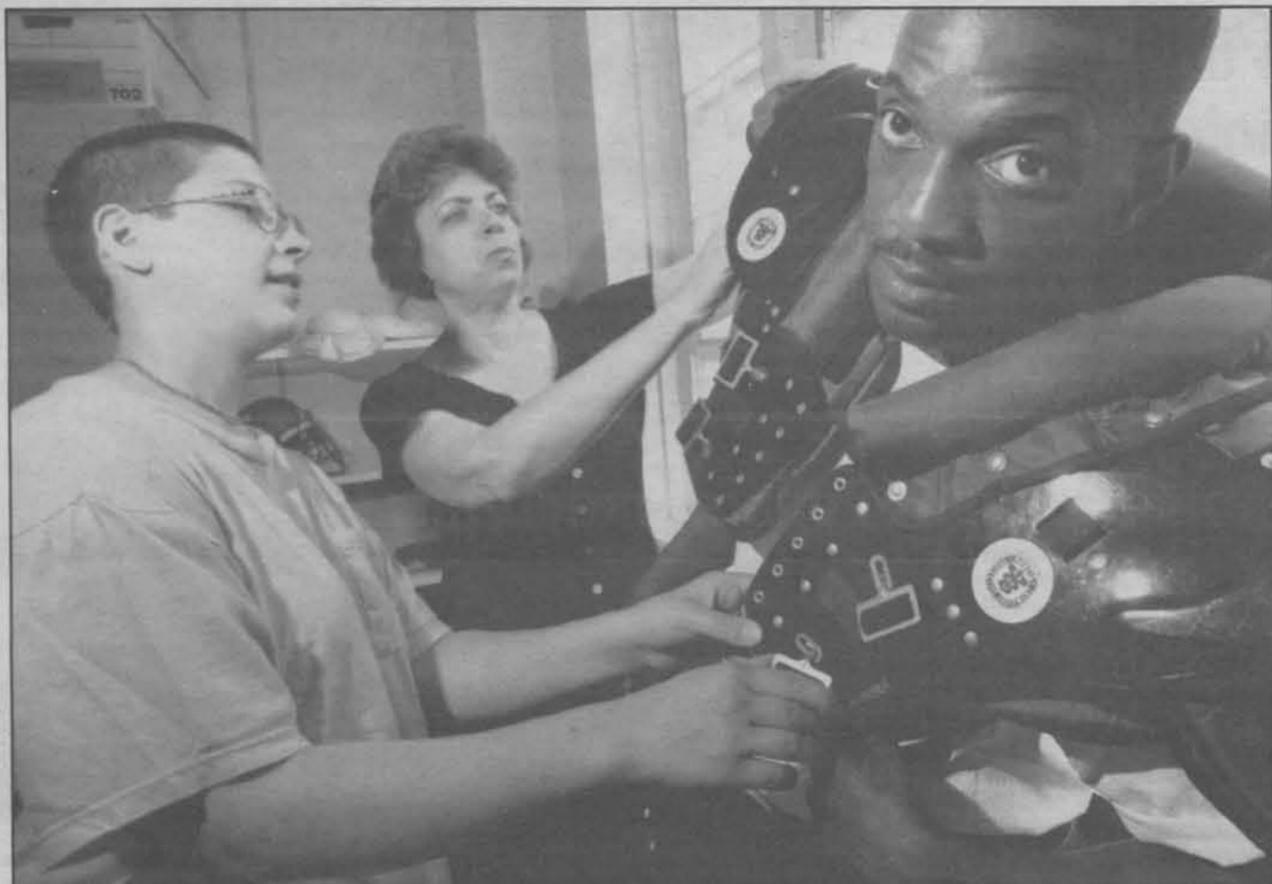
Back in their home schools, the CIBT graduates are not abandoned. The computer network, established first with aid from Apple Computer Co. and now with Hughes Institute support, keeps teachers in touch with their university sources of help and with each other, Averill Park's Joslin noted.

"It's a little scary for teachers to use this high-tech equipment for the first time in front of a room full of adolescents," said Rita Calvo, associate director of CIBT's outreach program as well as a Cornell lecturer in genetics and development. "Fortunately, help is just a key-stroke away on the institute's computer network. And when the outreach workers, like David Ruth, pay a visit to the schools, it's a real treat for the students and a great help to the teachers."

Ruth said he set aside his university research career to work in science education — earning teaching certification in mathematics and the sciences during vacations — because he hopes for a better-informed public. "Not all these kids are going to become scientists, of course, but everyone needs to understand the science that affects our lives. Lay people are making decisions all the time involving science, and science is progressing so fast. We are living in the middle of a biological revolution."

Biology is the focus of the Cornell teacher institute for another reason, CIBT Director Bruns said. Usually taken during the sophomore year in high school, biology may be that final science course for students who subsequently quit school. "For dropouts, biology may be their last, best chance to learn some science," Bruns said. "We want to make that experience as meaningful as possible."

"At last, we're able to teach something the students hear about on television and read about in the papers," said Averill Park biology teacher Boulay. "It's what's going on today."



Susan Watkins, center, professor of apparel design, with the help of human ecology student Sigrid Benedetti, left, and graduate student Yulando McMullen, displays a well-known piece of functional clothing.

## Book: Tech makes clothing a 'portable environment'

By Susan Lang

Clothes aren't just for style and protection from the weather; they can be designed to enhance our senses, protect us from harm and compensate for physical shortcomings. In fact, clothing can be life-supporting and can make the difference between life and death.

By using state-of-the-art materials and technology, we can create all kinds of new clothing capabilities, says Susan Watkins, professor of apparel design at Cornell, in her completely revised book, *Clothing: The Portable Environment* (Iowa State University Press, \$24.95).

Suits for children born with no natural immunity, electrically heated jackets that can be plugged into outlets at emergency bus stops or ski lifts, survival vests for the military, smocks to ground microchip workers against static electricity, and all kinds of gear for athletes, astronauts, bomb squads, soldiers, surgeons, pesticide workers and the disabled are just a few of the examples Watkins uses in this comprehensive text on functional clothing.

Intended for design students, product engineers, research and development, sales and marketing personnel alike in the government and military, medical and apparel industries, *Clothing: The Portable Environment* discusses the full range of challenges involved in planning

new functional garments or gear. The book includes information on: how the body responds to changes in temperature; clothing systems for thermal, impact and chemical/biological protection; designing for mobility; fastening systems; increasing body function; alternative production methods; fit and sizing; problem-solving; creative thinking; special needs and the design process.

The book is a revision of the original published 11 years ago, which was translated into Japanese and Korean. It has been updated not only to include new technologies and information but to better communicate material based on comments and examples from Watkins' students over the years.

"Current technology is so phenomenal that the divisions between product, apparel and housing designers are blurred. Clothing, in many cases, becomes a moving 'house' — a portable environment," said Watkins, who teaches courses in functional apparel design.

Workers in hazardous environments, for example, need protection from contaminants that could pass through traditional fabrics and stitch holes. Some protective clothes, therefore, are made from continuous films. Heat sealing, which essentially melts and fuses such films together, is an example of one of the non-traditional production processes used to

form functional clothing that is detailed in the text.

Clothing not only protects the body, increasing health and safety, but also can improve a worker's job efficiency or enhance the body's capabilities and functions, says Watkins. "Clothing is our most intimate environment and an environment that is carried everywhere with an individual, creating its own room-within-a-room and its own climate within the larger climate of our surroundings."

The 372-page general reference book is chock full of examples, case studies, diagrams and illustrations by Cornell graduate Heidi Specht Lamb (HumEc '82) — many drawn while she was a student — Ithaca artist Jim Houghton and former graduate student Susan Snyder McKinney. At the end of each chapter, Watkins, with the help of McKinney, offers information on searching databases, including key words, to find more information.

Watkins recently was appointed to the National Academy of Sciences' Committee on Defense Women's Health Research and is on the Advisory Board of the publication Safety and Protective Fabrics. Her research projects have involved pilots, hockey players and nursing home residents. In 1991, Watkins was named a Fellow of the International Textile and Apparel Association for her pioneering work with protective clothing.

## Virtual reality *continued from page 5*

opportunity to demonstrate the potential of a future high-performance Global Information Infrastructure."

CTC is one of several core sites for the I-WAY, assisting in the areas of security, network connectivity and job scheduling as well as in implementation of an AFS file system distributed at sites across the nation. Selected I-WAY applications will have access to CTC's 512-node IBM RS/6000 POWERParallel SP system to demonstrate advanced capabilities.

One focus of the I-WAY project is the close coupling of immersive virtual environments and supercomputing. CTC's application is made possible by integrating software developed by academic computational chemists and computer scientists at Cornell and IBM. The application uses the computational capability of the SP at CTC and relies on the two sites being linked

together via high-speed communications links. CTC's OC-3c (155Mbps) ATM link to the vBNS will be used for this purpose.

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

For more information, contact Linda Callahan, director of external relations, Cornell Theory Center:  
e-mail: cal@tc.cornell.edu  
phone: 607-254-8610  
fax: 607-254-8888  
http://www.tc.cornell.edu/

## Chemistry Day is Nov. 4

Student and professional chemists from Cornell and Ithaca College will demonstrate their science in action with a daylong exhibit at Pyramid Mall on Saturday, Nov. 4, from 10 a.m. to 5 p.m.

Conducted by the Cornell and Ithaca College chapters of the American Chemical Society (ACS), "Chemistry Day at the Mall" kicks off National Chemistry Week. The exhibit will emphasize the education and career opportunities in chemistry, as well as the role of science in everyday life.

"We will show how to get electricity from fruits and veggies, how to use red cabbage juice to determine whether a substance is an acid or a base, and how paper chromatography can separate M&Ms candies by color," said Emily Ehrenfeld, one of the Chemistry Day organizers and a graduate student in ecology and systematics at Cornell.

## Family Weekend brings parents, siblings, guests here Nov. 3-5

Hundreds of parents, siblings and guests of new undergraduates are expected to arrive on campus Friday for three days of Family Weekend activities.

"The weekend is designed to give parents of new undergraduates an opportunity to visit the campus and get a real feel for their child's education and life away from home," said Ann Shumate, associate director of Campus Life.

Among events scheduled for Family Weekend are panel presentations and entertainment. Cornell's seven schools and colleges each will sponsor presentations, featuring remarks from deans and faculty members. Other highlights:

- Reception given by Cornell President Hunter Rawlings, Friday from 5 to 6:30 p.m. at Willard Straight Hall. Rawlings will offer remarks at approximately 5:45 p.m.

- Performance by Second City National Touring Company, Friday at 8 p.m. in Statler Auditorium. This is the same comedy troupe that launched the careers of John Belushi, Shelley Long, Joan Rivers and others.

- Piano concert by Xak Bjerken, a lecturer in the Department of Music, Friday at 8:15 p.m. in Barnes Hall.

- Saturday panel discussion, "Stress: What to Look For, What to Do," 10:30-11:45 a.m. in the auditorium at

Uris Hall.

- Yale vs. Cornell football game, Saturday at 1 p.m. at Schoellkopf Field.

- "Twilight Concert," Saturday at 5 p.m. in Sage Chapel. The concert by the Cornell University Chorus features classical pieces and madrigals and an appearance by the a cappella group "After Eight."

- "Music from the Theatre," Saturday at 8:15 p.m. in Bailey Hall by the Cornell Wind Symphony.

For more information on Family Weekend activities, contact Campus Life at 255-5511 or 255-6290.

## Charlie Moore assesses first year as captain of Cornell athletics

By Jacquie Powers

Charlie Moore '51 grins widely when he contemplates celebrating his first anniversary as Cornell's director of athletics this month. He also notes that he's beginning to map a succession plan for the department. That sounds a little unusual, but not when you get to know Moore.

He announces decisively that he loves his job, and you can tell from the way he talks about the past year that it's true. And he says that despite the succession planning, about which he will confide no details, of course, he won't be ready to leave the job for another few years.

The captain of Cornell athletics says he simply intends to do what he was brought on board to do, do it fast and do it right. Then he's determined to leave Cornell athletics in what he calls the capable, energetic hands of a younger crew. And what was he brought on board to do? To get the department, well, shipshape.

Moore, 66, a former Olympic athlete with a distinguished record in international business, can tell you exactly how he has spent the past year and what he has accomplished with the department. He doesn't need to refer to notes or files. It's all in his head, and it charts a course for Cornell to follow in re-establishing a position of athletic prowess.

At six-foot-plus and lanky, Moore still has the build of an athlete and the bearing of one accustomed to competing and winning. A charter member of the Cornell Athletic Hall of Fame inducted in 1978, Moore received a bachelor's degree in mechanical engineering in 1952. He also sailed over several more hurdles in that same year, winning 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 and a few weeks later established a world record in the 440-yard hurdles.

So Moore knows well what it takes to be a scholar-athlete, and he knows well that the key to charting a new course for Cornell athletics is its scholar-athletes. He believes that course starts before they ever get to the university, and therefore he has implemented a better process for identifying and admitting student-athletes, as well as a closer system of mentoring and tracking them once they're here.

He pointed out that Cornell is the only Ivy League school with decentralized admissions, "which makes it very difficult. It's not a level playing field." So Moore has designated one person in central admissions to act as an athletics department facilitator, helping with the admission and counseling of potential student-athletes.

Moore noted that while there's a very narrow window during which coaches are permitted to woo athletes, an admissions counselor has a wide open window and can help a prospective scholar-athlete determine whether the fit at Cornell is right. Now these scholar-athletes have an advocate, in admissions, to help them find the right spot, and to help ensure their academic as well as athletic success, he added.

And Moore has focused on the academic performance of scholar-athletes. He has strengthened FACAPE, the Faculty Advisory Council for Athletics and Physical Education, and reinvigorated the program of faculty team advisers.



Adriana Rovers/University Photography

Charlie Moore, director of athletics, poses in Schoellkopf Field after a year on the job.

### Moore's list of coming facility upgrades

Here are some of the facility upgrades on Charles Moore's "to do" list:

- **Strength and conditioning.** After five years of effort, the department now has a plan to construct a new strength and conditioning facility for student-athletes. Teagle and Schoellkopf gyms will be upgraded for use by other members of the Cornell community. The new facility is likely to be adjacent to the Field House and he expects the site design, costs and funding to be set before March 1996, with completion by next fall.

- **Outdoor track.** He has made good

progress, he said, on siting, funding and preliminary design of an outdoor track, at the east end of Upper Alumni Fields. He hopes to start construction next spring. If funding can be completed in time, this new facility will include an NCAA-regulation soccer field.

- **Outdoor varsity tennis.** Funds have been raised and bids let to construct new outdoor courts adjacent to the Reis Tennis Center. Moore expects to lay the courts now and finish them off in the spring.

- **Robert Trent Jones Golf Course.** Plans are being drawn to irrigate the course and replace drains.

Each Cornell sports team now has at least one faculty adviser, to help athletes connect with Cornell in the academic sense. They also can help student-athletes reconnect with their own academic advisers, when necessary. Finally, they help promote the sport to the full academic community.

"Cornell has only eight percent of its student body who are student-athletes. And that compares with 24 percent at Princeton, for example. . . . There's a big cultural difference when three times as many students in classes at Princeton are athletes as opposed to Cornell," Moore said.

Through FACAPE and faculty team advisers, he wants to help student-athletes communicate their concerns and to feel more a part of the campus community.

"I know the best thing these students can do is be on athletic teams," Moore said. "It teaches them discipline. It teaches them time-management. The record is very clear that kids do better during the season than out of season. Why? Because they feel better about

themselves. They're in better condition. It's the old sound mind, sound body concept."

But, he added, not everyone shares that view, and he and his coaches are watching a student's grades more closely than in the past, to help forestall academic problems. In fact, he said, coaches now are being held accountable for their athletes' academic success.

Moore's eyes light up and he comes to attention at the mention of coaches. He has hired eight new ones who he expects will lead the Big Red to glory. He leans back and counts them off on his fingers like a proud grandfather naming his grandchildren: men's ice hockey, women's basketball, squash, women's fencing, women's softball, strength and conditioning, men's tennis and men's heavyweight rowing. We expect winning teams this year, he said, and you know he means it.

Moore also believes the department has made solid progress in gender equity. "I think we are bringing new awareness to how important it is, and not because it's law, but

because we can't think of permitting discrimination in our programs," he said.

The department has addressed such areas as scheduling and travel, compensation equity, publicity and facilities, he said. He also just announced the start of construction of an expanded women's ice hockey locker room. And he is very close to announcing the start of a dedicated fencing facility, a room that will be renovated in the lower level of the Field House.

He noted the department still is seeking funding to provide an expanded boathouse for women's crew and a women's softball field. They're at the top of his "to do" list.

Finally, Moore said, to help get the message out and attract those winning scholar-athletes and boosters, the department has joined the information superhighway fast track with a home page on the World Wide Web. There, alumni and fans can get information on everything from coaches to team line-ups to tickets and schedules.

His biggest disappointment? "Is not being able to solve the funding problems," Moore said. His goal is not only to keep upgrading and expanding facilities, but to improve all the sports programs so that Cornell can regain its position of power in Ivy League athletics and then to make the programs self-sufficient.

And if, in charting this course to athletic excellence, he makes some waves?

"Some have thought that I'm rough. But I've spent my whole life doing turnarounds. I understand the sensitivities. I'm not the ogre I'm made out to be," he said.

"I'm direct, I'm fair, I'm demanding. I tend to be a bit of a perfectionist. I work at not micro-managing but I don't always succeed. That's a function of the passion I have about what I'm doing. . . . In the end I didn't come here to be popular. I came here to make a difference."

And it's clear that he already has.

## ITHACA CITY ELECTIONS 1995

## Local candidates share views on community concerns

Yearly, the *Chronicle* makes space available for candidates to share their views on matters of concern to the community. This year, we invited candidates in contested races on the ballot in the city of Ithaca to answer the following questions:

1. What do you feel are your qualifica-

tions for the position; why should you be elected?

2. What do you consider to be your constituents' top issues, and how will you address them if elected?

3. What will be the city of Ithaca's greatest challenge during the next four years, and

how will you address it?

4. What is your view of the Memorandum of Understanding between Cornell and the city of Ithaca, and how do you think it will affect the future relationship between the two entities?

Election Day is Nov. 7, and there are

other contests and issues on the ballot in the local area. The polls in Tompkins County will be open from 6 a.m. to 9 p.m. If you have a question about your polling place, call the Tompkins County Board of Elections at 274-5522.

Exercise your right to vote.

## Ithaca Mayor

## Alan Cohen (D)

**Qualifications:** Community experience in government, business and human services.

I believe in inclusive governance and building consensus. As mayor, I would welcome, not derail, opposing points of view. They are critical to the development of balanced decisions. When we fail to listen to the many voices in our community, but seek only echoes of our own thinking, we make bad policy. I agree the city should continue to pursue a socially progressive agenda, but realize it must be balanced with an emphasis on the community's economic health. I don't want to see us make painful cuts in services. We must work to reverse the decline in our tax base and generate new revenue.

**Constituents' concerns:** Taxes and our ability to pay for services; jobs, drugs and public safety.

Prioritize city spending, look for efficiencies in service delivery, consolidate services with other providers, increase revenue streams, lobby for school district funding changes. Develop a business recruitment/retention program, with a commercial property database. Work proactively with businesses, helping them grow. Facilitate apprenticeship and other training opportunities. Support our police. Increase communication with neighborhood residents, who should set the public safety agenda. Ongoing training in cultural diver-



Cohen

sity, interpersonal communication, domestic violence and law enforcement techniques. Look at successes of other communities in fighting drugs. With innovative thinking, they are finding creative solutions.

**Greatest challenge:** Healing the wounds of divisiveness in our community and bringing diverse groups and individuals together to address pressing community problems. Engaging and motivating our youth, reversing our economic decline, fighting our growing drug problem and alleviating the tax burden – all require a cooperative effort.

I will bring our community together and bring all parties to the table of political discourse. Politics of inclusion, not exclusion. I will keep in touch through an ongoing rotation of town meetings throughout our community. Working together, we can bring a new vision to our city. We must put

community first and improve the quality of life for all Ithacans.

**Cornell-city agreement:** The memorandum establishes a working group to address issues of concern to both parties, and both have acknowledged their responsibilities. A new era of mutually beneficial cooperation is potentially at hand.

Despite what the mayor says, it does matter how we got here. The confrontational and divisive actions he took last spring injured both parties, as well as many individuals and businesses. I'm concerned that this memorandum is only as strong as the mayor's conviction to act in kind. An agreement signed by the mayor for politically expedient purposes is undermined by the insincerity of his personal agenda. I am committed to maintaining and further developing a relationship of respect and cooperation.

## Benjamin Nichols (D)

**Qualifications:** I have proven my qualification for this office by a record of six years of successful management and leadership. In difficult financial times as a result of the cuts in state and federal funding for cities, I have balanced our budget with increases in property taxes below the rate of inflation, with no layoffs. At the same time we have maintained essential services and made progress in developing affordable housing, a new day-care center, youth programs, and downtown revitalization. I have taken the leadership in forming a new cooperative effort with the county and Town of Ithaca to combine planning and economic development for our mutual benefit.

**Constituents' concerns:** The people of the city are concerned with the general state of the economy, with problems of crime and drugs, with the volume and speed of traffic,

with the need for more constructive activities for young people, and with the disease of racism. Property taxes, particularly the heavy school tax, are a heavy burden. We are engaged in a wide range of cooperative efforts with neighborhood groups, the schools, Cornell, and adjoining municipalities to attack each of these problems. We are making



Nichols

effective use of our success in obtaining large federal Comprehensive Development Block Grants to support more affordable housing and economic development.

**Greatest challenge:** The greatest challenge facing city government and our citizens during the next four years will be meeting our needs in a time of increasing hostility to cities at the national and state level. Already, in order to slice the income tax of the most wealthy, Governor Pataki has cut off funds the city was promised as partial restitution of previous reductions, and has cut student aid. The Gingrich-Republican Congress is further reducing aid to students as well as senior citizens, while passing a budget that decreases tax rates for the wealthiest

and increases them for the rest of us. We must all get together to fight back.

**Cornell-city agreement:** I am delighted with the Memorandum of Understanding and am proud to have joined with President Rawlings in reaching that agreement. The city's public recognition of the importance of the vitality of the university and Cornell's corresponding recognition of the importance of the health of the city lays the foundation for many years of increased cooperation for our mutual benefit. We are inextricably intertwined. Personally, my life and my family are tied to both Cornell and Ithaca. The agreement provides for the creation of a mechanism – a high-level working group – that will translate our aspirations into practice.

## Paul Sayvetz (D)

**Qualifications:** I am a committed community activist with a working knowledge of Ithaca's various departments. I believe there is great potential for a socially healthier and happier Ithaca, not from administrative or legislative tinkering but from simple people-friendliness on the part of elected officials and staff. I would practice and promote that philosophy. The best designed and most well-funded program in the world

won't work unless the people operating it have the right attitude.

**Constituents' concerns:** The top issues for City Hall are that our low-income people don't feel valued or respected and that we don't have enough people living in the city of Ithaca – we're letting the suburbs take over.

won't work unless the people operating it have the right attitude.



Sayvetz

If elected, I will work to discourage the police department from treating poor people like undesirables. I will work to establish more public amenities, such as a downtown community center or a "bubble" roof over the Alex Haley pool so that it can be used year-round. I will work for earth-friendly change, such as waste-reduction, large-scale food waste composting, and the like.

**Greatest challenge:** The challenge is to get away from "me first" thinking. Let's not oppose the construction of a park because

we don't expect to ever go there. Let's not oppose subsidizing the State Theater because we don't like their choice of shows. The mayor is a key figure in the community who can cajole and persuade people into a public-spirited mindset.

**Cornell-city agreement:** It's a good agreement. I hope it sets a tone for future relations between the city and Cornell. The city needs all the help it can get, and Cornell needs to recognize its obligation to be a good citizen.

## Common Council 3rd Ward

## Susan Blumenthal (D)

**Qualifications:** I believe I have the experience and leadership abilities to serve on Common Council. Building upon my background as an urban planner, I have participated in city affairs since 1984 when then-Mayor John Gutenberger appointed me to the Planning and Development Board, which I chaired for over eight years. In 1990, I chaired the Downtown Vision Task Force, a 75 member group of community people working on issues related to the vitality of our central business district. I currently chair the Downtown Revitalization Leadership Committee (DRLC), a 13-person, follow-up group of business and government leaders implementing the task force's recommendations.

**Constituents' concerns:** The Bryant Park and Belle Sherman neighborhoods have many fine attributes, but parking on neighborhood streets by Cornell commuters and

preservation of the housing stock on some sensitive blocks require extra measures to insure that these neighborhoods remain pleasant places to live. I will work to enact measures such as residential parking permits and increased enforcement of city ordinances. I have already begun to work with Bryant Park residents to apprise the building commis-



Blumenthal

sioner of occupancy and code violations and will ask that he reactivate the Building Department Advisory Board to provide input from citizens about code enforcement and department operations.

**Greatest challenge:** Maintaining the quality of life in the city in the face of fiscal impacts from cutbacks in federal and state aid will be the greatest challenge. There will be increased competition for funds and tough decisions to make regarding the provision of basic services and amenities that city residents desire. It is the responsibility of city government to provide services the community demands as efficiently as possible. We must continue to look at ways of providing improved services more efficiently, such as with the use of inter-municipal agreements

like those recently put in place for transportation, fire and youth services.

**Cornell-city agreement:** I am pleased the two parties have come to terms. The university's financial contribution will address costs of providing city services to the university. Much attention has been paid to the agreement's monetary aspects, but the establishment of a permanent, on-going working group as part of the Memorandum of Understanding could be of even greater value in providing a forum to discuss and work on solutions for problems. I have seen the results of this type of communication when university officials worked with the DRLC to address issues related to downtown matters. I believe the working group can benefit both entities.

# ITHACA CITY ELECTIONS 1995

## Common Council 4th Ward

### Theresa Alt (D)

**Qualifications:** I have been active in the community for over a dozen years working on neighborhood, local, state and national issues. I have campaigned for child care, local economic development, better-paying jobs, affordable housing, peace, fairer taxation, and single payer health reform. I have worked to elect officials who would act on these issues. Year after year I have been out on the street registering voters to broaden citizen participation. I have worked in City Hall and have seen how policy decisions can affect daily operations — a perspective that will be unique on Council.

**Constituents' concerns:** The parking crunch is particularly acute in the Fourth Ward of Ithaca. Our backyards are being paved over for parking, which damages the environment. I will work for better public transportation, to give people an alternative to cars. Frequent buses between Cornell and Downtown, a shoppers' bus to the Farmers' Market and supermarkets on weekends, and better information would be a start.

There are bigger citywide issues. Much



Alt

of our housing is not affordable. Put another way, people need better paying jobs (industrial jobs, unions in the service sector) to be able to afford even the basics.

**Greatest challenge:** It will be hard to keep up city services while average incomes go down, a nationwide trend, making property taxes, sales taxes and fees ever harder to afford. Meanwhile state and federal governments exacerbate the situation by cutting aid to localities. We have to elect state and federal governments that understand the need to fund local services from income taxes based on ability to pay. Until this happens city government will have to get by with less. Computers should make it possible to cut hand-drafting,

copying, mailing, filing and telephone tag yet keep up service.

**Cornell-city agreement:** The Memorandum of Understanding between Ithaca and Cornell promises an exciting new era of cooperation, especially in conjunction with the prospect of intermunicipal planning and countywide cooperation. Countywide land use planning that includes Cornell can hold the key to a better economy, more rational transportation, environmental preservation and better municipal services for all. More shared facilities can mean greater efficiency. Excessive concentration of wealth in one sector does not make a healthy society. Sharing it will mean a better quality of life for all.

### Jane Marcham (I)

**Qualifications:** My 30 years at *The Ithaca Journal*, including 11 as editorial page editor and eight as City Hall reporter, provided me with broad knowledge of city issues, respect for varying opinions, special concern for fair and open government, and affection for the diverse people in this lively, cosmopolitan city. As a past leader of several organizations who knows how to listen well, work cooperatively and speak responsibly, as a Cornell graduate who remembers what it's like to be a student here, and as a 29-year resident of East Hill, I want to put my experience to work for my neighbors.

**Constituents' concerns:** They include: 1) More city attention for East Hill: I'd pro-

mote more neighborhood communication, meetings and earlier consulting with residents on such issues as parking and traffic, property and cityscape maintenance, noise, crime and Collegenow development.

2) Cooperative relationships between the city and Cornell University, and between residents who share East Hill: More could be done to inform students and other newcomers about the city's parking, trash, housing and other regulations and explain why they're important to neighborhoods.

3) High costs of government: My goal



Marcham

would be to control city spending so as to keep increases in the total tax-and-fee burden within the inflation rate.

**Greatest challenge:** The financial crunch, resulting from growing demands and dwindling state and federal programs and revenues, strikes me as the city's main challenge. I'd encourage the city to 1) review its priorities before drafting the next budget, and seek economies in all departments; 2) examine consolidating services — not governments, just yet — with the towns and county to reduce staff and program costs; 3) expand the tax base through strategies to attract rather than discourage business, a careful revision of zoning, brainstorming sessions on downtown's problems, and the sale of unneeded city property; 4) reduce the reliance on city borrowing.

**Cornell-city agreement:** The Memorandum of Understanding looks like a major step toward resolving many longstanding conflicts between the city and Cornell University, the worst being the recent rift that was financially damaging to both sides.

Cornell's voluntary payments for city services will increase substantially, though they fall short of the mayor's original expectations, and the city makes promises in return — including fair administration of Cornell building permits and avoidance of challenging Cornell's tax-exempt status. A fine feature is the "permanent working group," representing both sides, to resolve troublesome issues. But the agreement can be canceled unilaterally and requires hard work and good will on both sides.

## Youth Outreach Program gives second chance to many teens

By Darryl Geddes

Homeless or runaway teens can find a supportive ear and learn the skills to make it on their own from The Learning Web's Youth Outreach Program.

The program, which receives funding from the United Way of Tompkins County, provides teens with the promise of a better future.

Larry Farbman, the program's case manager, said there are many reasons teens close the door on their home life and parents.

"Some have been victims of extreme abuse at the hands of their parents," he said. "Many simply have no more ties with their families and have reached an age where they feel it makes sense to be out on their own."

He said most youths find their way to his office at 120 W. State St. on the advice of friends; others are referred by schools, the court and parents.

"Whenever possible, I talk with parents

and arrange for facilitated meetings even if the person isn't coming back home," Farbman noted. "It doesn't make sense for a young person to live with family members and then all of a sudden they don't exist. There needs to be some closing of wounds for a person to move on."

The ability to move on and pick up the pieces from what has often been a shattered youth is what Farbman attempts to give his young clients. "We provide individuals with the necessary counseling and essential training aimed at helping a person critically analyze their skill-building," he said. "It is essential that these individuals have the ability to look at themselves and be honest about where they are going."

One of the most important skills needed for life on your own, Farbman said, is budgeting. "Learning how to handle your money and make sound decisions about your money is basic to survival."

Farbman also helps his clients expand their vocabulary to include such words as "commitment" and "responsibility."

All of this is an attempt to get the young people to help break their dysfunctional patterns and move away from trouble, he said. "I want them to explore and develop a value system and work ethic that steers them toward better choices."

The program has been in operation for four years and has served more than 120 people.

Farbman recounted the ordeal of a 14-year-old girl helped by the program who had left home to escape the horror of incest. The Youth Outreach Program hooked her up with an apprenticeship, and that connection has now turned into long-term employment, with plans by the teen to attend Tompkins Cortland Community College.

In addition to United Way funding, the program receives financial support from the city of Ithaca and Tompkins County.



## Report on student computing available from Information Technologies

This is the first monthly column from Cornell Information Technologies. Columns will address issues of interest and concern to campus computer users.

Beginning in 1989 and annually thereafter, the Office of Information Technologies has sponsored a survey of workstation ownership and use among Cornell undergraduates. The study highlights informative trends regarding students' access to workstation and network resources and their use of key network-based services. The current report of that study, "Workstation (Personal Computer) Ownership Among Undergraduates at Cornell University," is available from the Office of Information Technologies. If you would like to receive a copy, please send electronic mail to Dolores Chase, dtcl@cornell.edu, or call her at 255-8099. Please specify whether you would like to receive the full report (including

@cornell.edu

data tables and appendices) or an executive summary version.

### Windows 95 Released

After much marketing and media hype, Microsoft has released Windows 95. Microsoft predicts that by this fall, Windows 95 will reside in the computers of "from 15 to 20 percent of a hundred million PC users" (*The New Yorker*, 4 Sept. 1995). Windows 95 is a significant improvement that will enhance the Windows computing environment, and offers a number of features not found in previous versions. It should

also be easier to install and maintain. Remember, however, that as with any new software, you may face some challenges with Windows 95.

Do some research. In order for a computer to support Windows 95, a minimum of 8 MB of RAM is strongly recommended — with only 4 MB, performance will be slow; a typical installation requires 35 to 40 MB of hard disk space; people with older systems or peripherals (printers, CD ROM drives, or modems), may encounter difficulties; and some types of application software may need to be upgraded. Also, the look of Windows 95 is markedly different, so give yourself time to adjust.

For information about Windows 95 in the Cornell environment, please see CIT's Web site, <http://www.cit.cornell.edu/cit-pubs/win95.html>. Other good resources are <http://www.pcix.com/win95/win95home.html>, and

Microsoft's own Windows 95 Web page, located at the URL <http://www.windows.microsoft.com/>. If you are a Cornell staff member working in a departmental environment, you should not move to Windows 95 without first consulting your local system or network administrator. If your computer is vital to your work, you should not install a newly released operating system.

### Bear Access News Service Starts Up

A Bear Access "news service" started Sept. 1, replacing the "Bear Access Newsletter." Instead of compiling articles into a monthly newsletter, news, information and announcements are sent out individually to members of an electronic mailing list.

Subscribe to the Bear Access News Service electronic mailing list, called "ba-announce-l," by sending an e-mail message to

Continued on page 10

# CALENDAR

from page 12

## Society for the Humanities

"Towards Rethinking the Category of the Aesthetic," Isobel Armstrong, University of London, Nov. 6, 4:30 p.m., Hollis Cornell Auditorium, Goldwin Smith Hall.

## Southeast Asia Program

"Thai Manual of Knowledge: Ancient Wisdom or Postmodern Artifact?" Craig Reynolds, Australian National University, Nov. 2, 12:15 p.m., Kahin Center, 640 Stewart Ave.

"Gays, 'Kathoys' and Men: A Preliminary History of Thailand's Third Gender," Peter Jackson, Australian National University, Nov. 9, 12:15 p.m., Kahin Center, 640 Stewart Ave.

## Third World Student Programming Board

Harry Wu will speak Nov. 5 at 7:30 p.m. in Call Alumni Auditorium, Kennedy Hall.

## Veterinary College

James Law Lecture Series: "Mothers, Babies and Diseases in Later Life," David J.P. Barker, University of Southampton, Nov. 9, 4 p.m., Call Alumni Auditorium, Kennedy Hall.

## Women's Studies

"Representing Islam: Manipulating Gender, Shifting State Practices and Class Frustrations," Shelley Feldman, rural sociology and women's studies, Nov. 3, 3:30 p.m., ILR Faculty Lounge, Ives Hall.

# MUSIC

## Department of Music

• Nov. 3, 8:15 p.m., Barnes Hall: Pianist Xak Bjerken will play four ballades by Chopin, including the *Ballades in G Minor, op. 23*; in *F Major, op. 38*; in *A-flat Major, op. 47* and in *F Minor, op. 5*. Also on the program is Steven Burke's newest work, dedicated to Bjerken, *One*.

• Nov. 4, 5 p.m., Sage Chapel: The Cornell University Chorus, under the direction of Scott Tucker, celebrates Cornell Family Weekend by giving their annual "Twilight" concert. Tickets are \$5 in advance at the Lincoln Hall ticket office, \$6 at the door. Call 255-2324 for information.

• Nov. 4, 8:15 p.m., Bailey Hall: David Conn leads the Cornell Wind Symphony in a concert titled "Music From the Stage." Featured are works written – or transcribed – for winds from operas and musicals by Gershwin, Bernstein, Verdi and Offenbach. Covered also are tunes and songs from A.L. Webber's *Phantom*, *Cats* and *Jesus Christ Superstar*.

• Nov. 5, 8:15 p.m., Anabel Taylor Chapel: Annette Richards gives her first open solo recital as university organist with an all-Bach program. See story, Page 11.

• Nov. 7, 8:15 p.m., Barnes Hall: Cornell composer and doctoral candidate Brian Robison will present a concert of his chamber music featuring the Ithaca Brass in the premiere performance of *Tamna Noci*, a work that laments the horrors of the Bosnian conflict.

## Cornell Concert Commission

Four-time Grammy Award winner Tito Puente will exhilarate Cornell's Bailey Hall with a rhythmic evening of Latin jazz and percussion on Nov. 5 at 8 p.m. Tickets are on sale for \$12 and \$14 (\$8 and \$10 for CU students) at Willard Straight Hall ticket office, Ithaca Guitar Works or by calling Ticketmaster in Binghamton, 722-7272.

## Cornell Folk Song Club

Celtic and French-Canadian traditional music with a mix of old and new instruments will be presented by the Montreal-based band Orealis in a concert Nov. 4 at 8 p.m. in Cornell's James Law Auditorium. Tickets are on sale at Borealis Books and Rebob Records. For further information, call 273-2132 or 272-3471.

## Cornell Jazz Ensemble

The Jazz Ensemble will perform at the Johnson Museum of Art Nov. 5 from 3 to 5 p.m.

## Bound for Glory

Nov. 5: The show runs Sunday nights from 8 to 11, with live sets at 8:30, 9:30 and 10:30 p.m. in the Commons Coffeehouse of Anabel Taylor Hall. Admission is free and is open to everyone. Kids are always welcome, and refreshments are available. Bound for Glory is broadcast on WVBR-FM, 93.5 and 105.5.

# RELIGION

## Sage Chapel

The Rev. Robert L. Johnson, director of Cornell United Religious Work, will give the sermon Nov. 5 at 11 a.m.

## African-American

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

## Baha'i Faith

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

## Catholic

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

## Christian Science

Testimony meetings sharing healing through prayer and discussion every Thursday at 7 p.m., Founders Room, Anabel Taylor Hall.

## Episcopal (Anglican)

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

## Friends (Quakers)

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

## Jewish

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

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

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

## Korean Church

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

## Latter-day Saints (Mormon)

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

## Muslim

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



The film *Theremin: An Electronic Odyssey* will make its Ithaca premiere tonight, Nov. 2, at 7 p.m. with special guests Robert Moog, Ph.D. '65, and Eric Ross.

## 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

## Advanced Computing Research Institute

"Parallel Automated Adaptive Analysis," Mark Shephard, Rensselaer Polytechnic Institute, Nov. 6, 11:15 a.m., 708 Rhodes Hall.

## Agricultural, Resource & Managerial Economics

"The Impact of Trade Liberalization on Mexico's Dairy Sector: A Spatial Economic Analysis," Charles Nicholson, ARME, Nov. 2, 12:15 p.m., 401 Warren.

## Animal Science

"Effects of Energy Balance and Dietary Lipids on Ovarian Function in Postpartum Dairy Cows," Ron Butler, animal science, Nov. 7, 12:20 p.m., 348 Morrison Hall.

## Anthropology

"Beyond the Speaker and the Text," William Hanks, University of Chicago, Nov. 3, 3:30 p.m., 215 McGraw Hall.

## Applied Mathematics

"Math Applied to Liquid Crystals: Homotopy, Connections and the Blue Phase," James Sethna, physics, Nov. 3, 3 p.m., 310 Rhodes Hall.

## Astronomy & Space Sciences

"Stellar Explosions and Outflows," Mario Livio, Space Telescope Science Institute, Nov. 2, 4:30 p.m., 105 Space Sciences Building.

## Biochemistry

"Cytoplasmic Serine Hydroxymethyltransferase: Does Its Reaction Mechanism Have Implications in Elucidating Its Physiological Functions?" Patrick Stover, Nov. 3, 4 p.m., large conference room, Biotechnology Building.

## Chemical Engineering

"Impact of Transport Processes on Cardiovascular Health and Disease," Scott Diamond, SUNY Buffalo, Nov. 7, 3:45 p.m., 165 Olin Hall.

## Chemistry

TBA, Richard Himics, Nov. 3, 4:40 p.m., 119 Baker. "Fungi From Competitive Ecosystems as Sources of New Bioactive Natural Products," James Gloer, Univ. of Iowa, Nov. 6, 4:40 p.m., 119 Baker.

## City & Regional Planning

"Dilemmas of Mixed Use," Hilda Blanco, Hunter College, Nov. 3, 12:15 p.m., 115 Tjaden Hall.

## Cornell Cooperative Extension Forum

"Talking Liability: Managing Risk," Allen Bova, risk management & insurance; Terry Gifford, Cooperative Extension; James Gillett, natural resources; and Elizabeth Greene, Cooperative Extension, Nov. 6, 8:30 a.m., 135 Emerson Hall.

## Cornell Research Club

"Encryption: From the Abstract World of Mathematics to the Very Concrete Worlds of War and Commerce," Richard Platek, mathematics and Odyssey Research Associates, Nov. 8, 4:30 p.m., Hollis Cornell Auditorium, Goldwin Smith Hall.

## Ecology & Systematics

"Reproductive Isolation Between Sympatric Aphid Populations on Two Hosts: Prelude to Speciation?" Sara Via, entomology and ecology & systematics, Nov. 8, 4 p.m., A106 Corson Hall.

## Electrical Engineering

"Learning From Labeled and Unlabeled Observations," Vittorio Castelli, IBM T.J. Watson Research Center, Nov. 7, 4:30 p.m., 219 Phillips Hall.

## Entomology (Jugatae)

"Entomology and Intellectual Property," Richard Cahoon, Nov. 2, 4 p.m., A106 Corson Hall.

"Augmentation of a Native Parasitoid for *Lygus hesperus* Management in Strawberries," Andrew Norton, Nov. 9, 4 p.m., A106 Corson Hall.

## Fruit & Vegetable Science

"Report From the Real World of an Extension Specialist," Regina Rieckenberg, Cornell Cooperative Extension, Nov. 2, 4 p.m., 404 Plant Science Building.

"Carbon Balance in Apple Trees: Crop Load and Leaf Mite Stress Effects," Ana Francisconi, horticultural science, Geneva Agricultural Experiment Station, Nov. 9, 4 p.m., 404 Plant Science.

Continued on page 11

## Ashrawi visit *continued from page 1*

sence of law and regulations . . . and misuse of authority."

Born in Nablus, Palestine, in 1946, when it was still under British rule, Ashrawi grew up in Ramallah on the West Bank. The daughter of a physician, she studied English literature and earned her B.A. and M.A. degrees at the American University in Beirut. Unable to return from Lebanon to her home following the Six-Day War of 1967 and the subsequent Israeli occupation of the West Bank, she went to the U.S. to undertake doctoral studies in medieval English literature at the University of Virginia, in Charlottesville. There she began her active involvement in the Palestinian struggle, founding the Charlottesville branch of the Organization of Arab Students and heading the American Friends of Free Palestine.

Married in 1975 to Emile Ashrawi, a

musician and dramatist, Ashrawi has two daughters. She returned to her home in the Occupied Territories in 1979 under the provisions of a general amnesty for Palestinians and became a professor of English literature, then head of the English department, at Birzeit University. Active in demonstrations and protests against Israeli rule, she established the University Legal Aid Committee to assist Palestinian students who ran afoul of the Israeli authorities.

After the 1987 outbreak of the Intifadeh – the revolt against Israeli occupation – Ashrawi formed the Palestinian Political Committee, which became a center for political and diplomatic activity in the Occupied Territories, and she drew attention to such issues as strictures on academic freedom, arbitrary deportations and the mistreatment of Palestinian prisoners. She also helped form

feminist study groups and sparked consciousness-raising sessions on the treatment of women within Arabic societies.

In 1989, Yasir Arafat, the exiled leader of the Palestine Liberation Organization (PLO), asked Ashrawi and others to meet with U.S. State Department officials and make a plea for upgrading the status of dialogue between the United States and the PLO. Following the Gulf War, Ashrawi took part in exploratory talks with then Secretary of State James Baker and his aides and helped launch the Middle East peace process, ensuring that the Palestinians would be a key part of it.

The Henry E. and Nancy Horton Bartels World Affairs Fellowship was established at Cornell by the Bartels in 1984 to foster a broadened world perspective among students by bringing distinguished international public figures to campus.

## CIT *continued from page 9*

listproc@cornell.edu with "subscribe ba-announce-l firstname lastname" (use your real first and last names) in the text area of the message.

As articles are published, they will be posted on the Bear Access Project Web page in the Bear Access News Service section, organized by month, and on the network newsgroup, cornell.announce.bear-access. To reach the Bear Access News Service through the Web, point your Web browser to <http://mandarin.cit.cornell.edu/bearaccess/> or click on Bear Access Project under the Computing at Cornell section of the CUINFO Web pages.

This column was compiled by Daisy Z. Dailey. E-mail questions about the column to her at [dzd1@cornell.edu](mailto:dzd1@cornell.edu). For other computer systems information, contact the CIT Service HelpDesk at 124 CCC, 255-8990, [helpdesk@cornell.edu](mailto:helpdesk@cornell.edu).

# CALENDAR

from page 10

## Immunology

"Immunotherapy With Interleukin-2," Kendall Smith, Cornell Medical College, Nov. 3, 12:15 p.m., Boyce Thompson Auditorium.

## Latin American Studies

"The Archaeological Mysteries of Venezuela: Past, Present and Future," Luis Molina Centeno, Division of the National Council for Historic Preservation, Venezuela, Nov. 7, 12:15 p.m., 153 Uris Hall.

## Olin\*Kroch\*Uris Libraries

Art and Architecture Research Seminar, Nov. 2, 2 to 3:30 p.m., 106 Olin Library.  
History Research Seminar, Nov. 2, 4:30 to 6 p.m., 106 Olin Library.

## Ornithology

"Long Point Bird Observatory: North America's First," Michael Bradstreet, Long Point Bird Observatory, Nov. 6, 7:30 p.m., Fuertes Room, Lab of Ornithology, 159 Sapsucker Woods Road.

## Peace Studies Program

"Of Just Wars and Political Animals: From Citizenship to Empire in Aristotle's Politics," Josiah Ober, Princeton University, Nov. 2, 12:15 p.m., G-08 Uris Hall.

"Security Implications of Migration," Sarah Spencer, Institute for Public Policy Research, London, Nov. 9, 12:15 p.m., G-08 Uris Hall.

## Pharmacology

"Three-Dimensional Structure of Interferon-Gamma Complexed With Its Cell Receptor," Steve Ealick, biochemistry, molecular & cell biology, Nov. 6, 4:30 p.m., Lecture Hall III, Veterinary Research Tower.

## Physiology

"Function of Proteoglycans in the Regulation of Lipoprotein Lipase," Andre Bensadoun, nutrition, Nov. 7, 4 p.m., Lecture Hall III, Veterinary Research Tower.

## Plant Biology

"Characterization of Phosphorus Uptake in a Southern Pine," Mary Topa, Boyce Thompson Institute, Nov. 3, 11:15 a.m., 404 Plant Science.

## Plant Breeding

"Transformation of Plants With Viral Replicase Genes Confers Resistance to Plant Virus Disease," Milton Zaitlin, plant pathology, Nov. 7, 12:20 p.m., 135 Emerson Hall.

## Plant Pathology

"The Virology of Chestnut Blight Hypovirulence," Brad Hillman, Rutgers University, Nov. 7, 3 p.m., A133 Barton Laboratory, Geneva Agricultural Experiment Station, and Nov. 8, 12:20 p.m., 404 Plant Science Building.

## Psychology

"Raising Children in a Socially Toxic Environment," James Garbarino, Cornell, Nov. 3, 3:30 p.m., 202 Uris Hall.

## Rural Sociology

"People and Paths to Rainforest Destruction: Cross-National Evidence From the Tropics," Thomas Rudel, Rutgers University, Nov. 3, 3:30 p.m., 32 Warren Hall.

## Science & Technology Studies

"Races and Places," Henrika Kuklick, University of Pennsylvania, Nov. 6, 4:30 p.m., 609 Clark.

## Society for the Humanities

"Thinking About Mediation," Isobel Armstrong, University of London, Nov. 7, 4:30 p.m., 201 A.D. White House.

"The Passions and the Cognitive," Isobel Armstrong, University of London, Nov. 8, 4:30 p.m., A.D. White House.

## South Asia Program

"Emergency Assessments," Vijay Prashad, history, Nov. 6, 12:15 p.m., G-08 Uris Hall.

## Stability, Transition & Turbulence

TBA, Charles Baggett, Cornell, Nov. 7, 12:30 p.m., 178 Rhodes Hall.

## Statistics

"A Paradox Concerning Shrinkage Estimators: Should a Known Scale Parameter Be Replaced by an Estimated Value in the Shrinkage Factor?" William Strawderman, Rutgers University, Nov. 8, 3:30 p.m., 100 Caldwell Hall.

## Textiles & Apparel

"Physical Interactions Affecting the Adhesion of Dry Particles," Don Rimal, Eastman Kodak, Nov. 2, 12:20 p.m., 317 MVR Hall.

"Development of Modular Integrated Body Armor," Susan McKinney, Arthur D. Little Inc., Nov. 9, 12:20 p.m., 317 Martha Van Rensselaer Hall.

## Wildlife Science

"An Adaptive Approach to Waterfowl Harvest Management in North America," Jim Nichols, Patuxent Environmental Science Center, Nov. 9, 3:35 p.m., 304 Fernow Hall.

# symposiums

## Venezuelan Students & Scholars Association

A conference, "Archeological Mysteries of Venezuela: Past, Present and Future," by Professor Luis Molina of the Quibor Archeological Museum, Venezuela, will be held Nov. 7 in 153 Uris Hall. For information, call Manuel Hernandez at 256-8469.

# theater

## Theatre Arts

• **Black Box Series:** The Show Must Go On, an offbeat comedy about a family whose members read lines from a stilted and dismal script. Trouble develops when someone shows up who's not in the script, and hilarity ensues. Nov. 3 at 4:30 p.m., Nov. 4 at 7:30 p.m. and Nov. 5 at 7:30 p.m., Black Box Theatre, \$2.

• **Play Reading:** The Hollywood Canteen by Professor Ron Wilson, with guest actor Elizabeth Ann Townsend, Nov. 5, 2 p.m., Film Forum, free.

## Cornell Savoyards

This Halloween you'll be haunted by Cornell Savoyards' production of *Riddigore: Or the Witch's Curse!* Come in costume and get a chance to win a door prize. Shows will be held Nov. 3 and 4 at 8 p.m. and Nov. 5 at 3 p.m. in Kulp Auditorium at Ithaca High School. Tickets, available at Willard Straight Hall ticket office, Logos and Hickey's, are \$9 evenings, \$7 students and seniors; \$6 matinees. For reservations, call 277-4847.

# miscellany

## Flu Shots

Influenza vaccine is offered again by University Health Services during clinics. Cornell students and their spouses, faculty and staff members are eligible to attend. Clinics will be held in the main lobby of Gannett Health Center on Nov. 2 from 1:30 to 4 p.m. and Nov. 3 from 8:30 to 11:30 a.m. and 1:30 to 4 p.m. A fee of \$10 will be charged. For information, call Gannett Health Center at 255-4082.

## Hotel School

The 16th annual auction for charity, hosted by the first-year graduate students of the School of Hotel Administration, will take place Nov. 4. The silent auction will take place from 11 a.m. to 5 p.m. in the atrium of Statler Hall, East Avenue entrance. The live auction will be held in the Carrier Grand Ballroom of the Statler Hotel, with bidding commencing at 5 p.m. A partial list of items to be auctioned includes: Alaskan and Seabourne cruises; a cocktail party for 30 in New York City by Susan Holland and Co.; hotel room at The Peaks in Telluride, Colo.; 1996 Summer Olympics paraphernalia; autographed Jim Craig Olympic hockey poster. For info, contact Kim Tudahl at 257-6429 or Laura Knapp at 256-7163.

# sports

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

## Field Hockey (8-7)

Nov. 3, YALE, 2 p.m.

## Football (4-3)

Nov. 4, YALE, 1 p.m.

## Lightweight Football (3-2)

Nov. 3, ARMY, 7:30 p.m.

## Men's Soccer (12-1-1)

Nov. 4, YALE, 3:30 p.m.

## Women's Soccer (9-4-3)

Nov. 4, YALE, 11 a.m.

## Men's Tennis (0-1)

Nov. 2-5, Rolex Reg. Champs. at Princeton

## Women's Tennis (2-1)

Nov. 3-5, at Rolex/ITA Indiv.

## Women's Volleyball (17-6)

Nov. 4-5, CORNELL INVITATIONAL

# University organist to give first solo recital Nov. 5 in Anabel Taylor

By Darryl Geddes

Annette Richards, university organist and assistant professor of music, will give a solo recital Nov. 5 at 8:15 p.m. in Anabel Taylor Chapel. It is Richards' first solo recital since being named university organist last year. The performance is free and open to the public.

The all-Bach program features *Fantasia and Fugue in C Minor*, *Sechs Choräle von verschiedener Art*, *Sarabanda con partite in C Major*, *Concerto in A Minor* and *Toccata, Adagio and Fugue in C Major*.

Richards succeeded William C. Cowdery, who served as acting university organist since the death of Donald R.M. Paterson in May 1993.

Born in London, Richards earned a bachelor's degree in English language and literature at Oxford University, while serving as an organ scholar at Corpus Christi College. She earned a master's degree in music from Stanford University in 1989, before studying with Jacques van Oortmerssen at the Sweelinck Conservatorium in Amsterdam. She returned to Stanford in 1991 to continue her doctoral studies in musicology.

Richards has performed throughout Europe; her U.S. appearances include performances at the Old West Church in Boston and Trinity Cathedral in San Jose, Calif.

She is the winner of the 1986 Oundle International Organ Festival and the 1992 Dublin International Organ Competition.

# Particle astrophysicist, Bethe lecturer, will give physics colloquium Nov. 6

By Larry Bernard

Bernard Sadoulet, director of the Center for Particle Astrophysics at the University of California at Berkeley, will deliver part of the annual Bethe Lecture Series Nov. 3-8.

Sadoulet's lecture is the first part of a two-part Bethe lecture series this year. In the spring, Margaret Geller from the Harvard-Smithsonian Center for Astrophysics at Harvard University, will be on campus for a week to talk on "Large Scale Structure in the Universe."

Sadoulet will give a Physics Colloquium in Schwartz Auditorium, Rockefeller Hall, on Monday, Nov. 6, at 4:30 p.m., titled "The Dark Matter Problem." He will discuss searches for the mysterious missing mass of the universe. Sadoulet also will give several more technical seminars on the interaction



Sadoulet

between the search for dark matter and the fields of particle physics and cosmology.

Sadoulet earned his doctorate in 1971 from the University of Orsay and worked in the field of experimental high-energy physics for the early part of his career. He was a key person in the building of the proton-antiproton collider and detectors at CERN, the international high energy physics laboratory in Geneva, Switzerland. In the mid-1980s, he turned his attention to problems in astrophysics and moved to Berkeley to set up a research group to search for dark matter with cryogenic detectors. He was part of a group of scientists that announced in 1993 the possible first evidence for dark matter in the galaxy with the observation of a massive compact halo object (MACHO) in the Large Magellanic Cloud.

The Bethe Lecture Series, established by Cornell's physics department and the College of Arts and Sciences, honors Hans A. Bethe, Cornell professor emeritus of physics.

# Lecturer will suggest nutrition of baby sets the stage for lifetime of health, disease

By Roger Segelken

Adult diabetes, high blood pressure and even cardiovascular and respiratory disease can be traced to poor health and nutrition of the baby and its mother, University of Southampton epidemiologist Dr. David J.P. Barker, will say at the James Law Lecture, set for Thursday, Nov. 9, at 4 p.m. in the David L. Call Alumni Auditorium, Kennedy Hall, on campus.

"Mothers, Babies and Diseases in Later Life" is the title of Barker's lecture. The James Law Lecture, which is named for Cornell's first professor of veterinary medicine, is free and open to the public.

"Studies by David Barker and his colleagues show that nutrition of the fetus and newborn infant has significant effects on later lifetime health," according to the speaker's host, the James Law Professor of Reproductive Physiology Dr. Peter W. Nathanielsz.

"Dr. Barker's work tells this fascinating and important story from the analysis of unique lifetime health records of babies

born around 1920," said Nathanielsz, director of the Laboratory for Pregnancy and Newborn Research in the College of Veterinary Medicine at Cornell. "These records enabled him and his colleagues to trace and examine adults who were still alive and find out the cause of death of those who had died. Together with parallel animal studies, this work reinforces the now-widely accepted tenet that high blood pressure, cardiovascular and respiratory disease and diabetes are linked to poor health and nutrition of the mother and baby."

Barker is professor of clinical epidemiology at University of Southampton and director of the MRC Environmental Epidemiology Unit at Southampton General Hospital. He earned his Ph.D. from the University of Birmingham and his M.D. from the University of London. His thesis — that a baby's nourishment before birth and during infancy, as well as its exposure to infection during early childhood, influence the diseases it will develop in later life — is detailed in his 1994 book *Mothers, Babies and Disease in Later Life*.

# Expelled priest to talk on Mexican uprising

For nearly two decades, Father Loren Riebe, a native of Los Angeles, was the priest for about 30,000 parishioners, mostly Tzeltal-speaking Mayan Indians, in the remote Mexican village of Yajalon, Chiapas.

But in June, Riebe was detained and expelled from Mexico on charges by the government that he, as a foreigner living in Mexico, had violated the law by becoming involved in the country's politics — specifically by urging peasants to support the 22-

month-old guerrilla uprising by the Zapatista National Liberation Army. Riebe, who denies the charge that he has supported the rebels, has said he supports their goals of land reform, improved roads, education and health care but not their violent methods.

Riebe will speak about his arrest and expulsion, and also about the current situation in Chiapas, at 8 p.m. in the cafe at Anabel Taylor Hall, on Nov. 9. The event is sponsored by CUSLAR and is free and open to the public.

# CALENDAR

November 2 through November 9

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

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

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

## dance

### Cornell International Folkdancers

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

Nov. 5, North Room, Willard Straight Hall: monthly planning meeting, 6:30 p.m.; teaching to be announced, 7:30 p.m.; open dancing and requests, 8:30 p.m.

### CU Jitterbug Club Classes

The following classes take place at 209 N. Aurora St. For information, call Bill at 273-0126.

- Lindy Hop review, Nov. 4, 3 to 5 p.m., \$7 at the door.

- Learn the Shim Sham, a line dance from the 30s. No dance experience necessary. Nov. 4, 5 to 6 p.m., \$4 at the door (free with the Lindy review).

- Basic Lindy Hop: Six-week series starts Tuesday, Nov. 7, 8:30 p.m. Cost is \$36/\$42.

- Intermediate Lindy Hop: Six-week series starts Wednesday, Nov. 8, 7:15 p.m. Cost is \$36/\$42.

- Intermediate Jitterbug: Six-week series starts Tuesday, Nov. 7, 7:15 p.m. Cost \$36/\$42.

### Israeli Folkdancing

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

## films

Films listed are sponsored by Cornell Cinema unless otherwise noted and are open to the public. All films are \$4.50 (\$4 for students and children under 12), except for Tuesday night Cinema Off-Center at the Center for Theatre Arts (\$2) and Saturday or Sunday matinees (\$3.50). Films are held in Willard Straight Theatre except where noted.

### Thursday, 11/2

"Theremin: An Electronic Odyssey" (1994), directed by Steven Martin, with guests Robert Moog and Eric Ross, 7 p.m.

"Ali: Fear Eats the Soul" (1974), directed by Rainer Werner Fassbinder, 9:45 p.m.

### Friday, 11/3

"River of Grass" (1993), directed by Kelly Reichardt, with Lisa Bowman and Larry Fessenden, guest director Reichardt will be visiting, 7 p.m.

"A Walk in the Clouds" (1995), directed by Alfonso Arau, with Keanu Reeves, 7 p.m., Uris.

"The Net" (1995), directed by Irwin Winkler, with Sandra Bullock, 9:30 p.m., Uris.

"Theremin: An Electronic Odyssey" (1994),

## exhibits

### Johnson Art Museum

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

- "The Marqusee Collection of American Medals," through Nov. 5.

- "Art in Bloom: Botanical Illustration and the Artist's Interpretation," drawings from the permanent collection and the Cornell Library, on view through Dec. 31.

- "Master Prints From Upstate New York Museums," through Dec. 31. This exhibition presents a selection of European and American prints from the 15th century to the present, organized by and presenting works from six art museums in Buffalo, Rochester, Syracuse, Utica, Albany and the Johnson Museum.

- "Akira Kurosaki Woodcuts," through Dec. 31. This exhibition reflects Kurosaki's knowl-

edge of early ukiyo-e methods and his personal, modern vision.

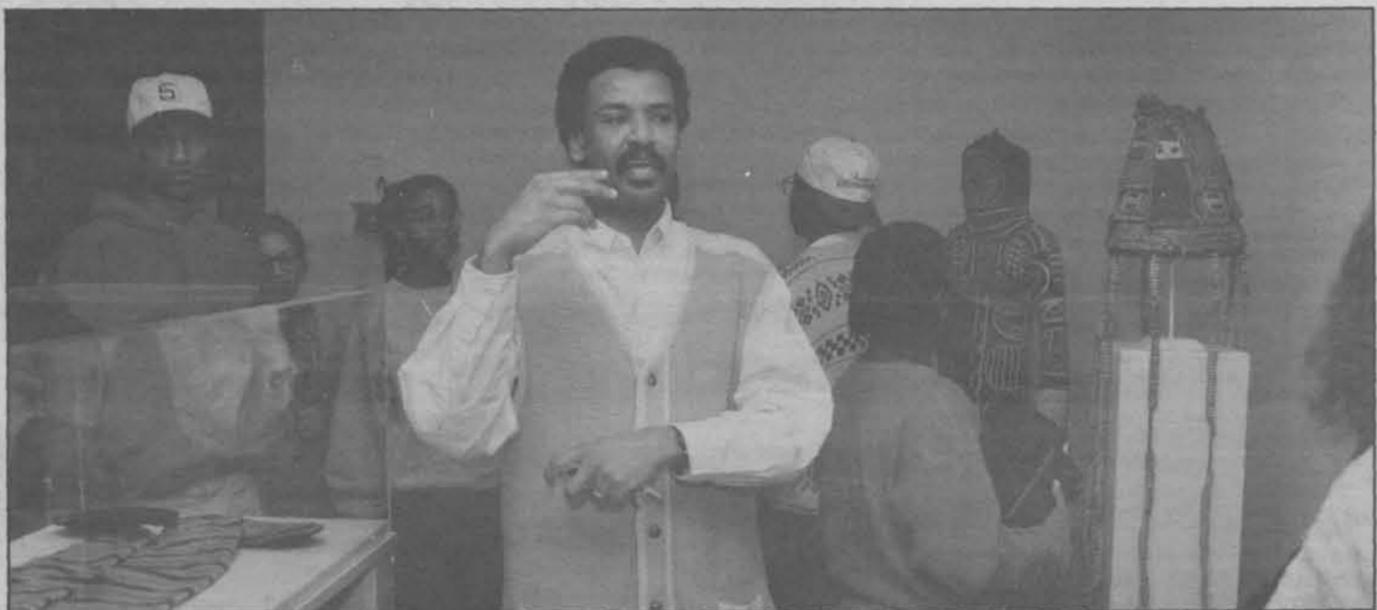
- "Ukiyo-e Prints and Woodblocks," through Dec. 31. To accompany the works by Akira Kurosaki, this exhibition, drawn from the permanent collection, includes works by Hiroshige and Hokusai, masters of the traditional ukiyo-e print.

- 12 O'Clock Sharp: Thursday Noontime Gallery Talk: Matthew Armstrong, associate curator of painting and sculpture, will discuss "The Marqusee Collection of American Medals," Nov. 2.

- On Nov. 2 from 12:15 to 1:15 p.m. and 3:30 to 4:30 p.m., Jim Hardesty will demonstrate the art of Chinese brush painting.

### Cornell Library

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



Adriana Rovers/University Photography

Salah Hassan, assistant professor of African art history and visual culture, uses a Johnson Museum of Art exhibition as a foundation for a lecture to his Africana studies class last month. The Johnson Museum offers educational services for many classes on campus throughout the year. Call Cathy Klimaszewski at 255-6464 for details.

directed by Steven Martin, 9:45 p.m.

"Monty Python and the Holy Grail" (1974), directed by Terry Gilliam, midnight, Uris.

### Saturday, 11/4

"White Main" and "The Red Balloon," IthaKid Film Fest, 2 p.m., \$2/\$1.50 12 and under.

"Theremin: An Electronic Odyssey," 7 p.m.

"The Net," 7 p.m., Uris.

"River of Grass," 9:15 p.m.

"A Walk in the Clouds," 9:30 p.m., Uris.

"Monty Python and the Holy Grail," midnight, Uris.

### Sunday, 11/5

"A Walk in the Clouds," 4:30 p.m.

"The Net," 7 p.m.

"Camp de Thiaroye" (1987), presented by Pentangle, 7:30 p.m., Uris, free.

### Monday, 11/6

"Le Amiche" (1955), directed by Michelangelo Antonioni, with Eleonora Drago, 7 p.m.

"A Walk in the Clouds," 9 p.m.

### Tuesday, 11/7

"The Net," 7 p.m.

"Herdsman of the Sun" (1988), directed by Werner Herzog, 7:30 p.m., CTA Film Forum.

"How Tasty Was my Little Frenchman" (1971), directed by Nelson Pereira, with Arduino Colassanti, Ana Maria Magalhaes and Itai Natur, 9:30 p.m.

### Wednesday, 11/8

"The Smoking Fish" (1976), directed by Roman Chalbaud, 7 p.m.

"Fast Times at Ridgmont High" (1985), directed by Amy Heckerling, with Sean Penn and Jennifer Jason Leigh, 9:30 p.m.

### Thursday, 11/9

"The Old Lady Who Walked in the Sea" (1995), directed by Laurent Heynemann, with Jeanne Moreau, 7 p.m.

"Fast Times at Ridgmont High," 9:15 p.m.

## graduate bulletin

• CoursEnroll: Pre-enrollment for Spring '96. All course pre-enrollment will be on-line and elec-

tronic through Bear Access through Nov. 10. A graduate student must obtain consent from the committee chairperson for the pre-enrollment course selections and then receive an electronic "adviser key" (password) from the chairperson or graduate field office.

- Thesis/Dissertation: The thesis/dissertation submission deadline for a January 1996 degree is Jan. 12, 1996. Students should see the Graduate School thesis adviser for approval of the format of their thesis/dissertation before submitting the final copies to the Graduate School. Office hours are 9 a.m. to noon daily; also 1:30 to 3:30 p.m. on Mondays, Tuesdays and Thursdays; walk-in basis only, no appointments. Professional master's degree candidates should check with their field offices regarding the deadline, as that deadline may be earlier than the Graduate School's.

- Conference travel grant applications are due at the Graduate Fellowship Office, Sage Graduate Center, by Dec. 1 for January conferences. Applications are available at graduate field offices; registered graduate students invited to present papers are eligible.

## lectures

### Biochemistry, Molecular & Cell Biology

Ef Racker Lectureship: Henry Bourne, professor of pharmacology and medicine at the University of California, San Francisco, will present "Stories About Biological Signaling" Nov. 9 at 8 p.m. in James Law Auditorium. He also will present a technical talk, "How Do Receptors Activate Trimeric G Proteins," Nov. 10 at noon in the large conference room of the Biotechnology Building.

### Chemistry

Baker Lectures: Graham R. Fleming of the University of Chicago presents a lecture series on "Ultrafast Spectroscopy" at 11:15 a.m. in 119 Baker: "The Control of Phase: Phase-locked Pump-probe and Echo Measurements. Heating and Cooling. Control of Dynamics," Nov. 2; and "Introduction to the Primary Steps in Photosynthesis: Theories of Energy Transfer," Nov. 9.

### Cornell Campus Club

"Master Prints From Upstate New York Muse-

### Mann Library

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

### Tjaden Hall

"Images Unseen," student work, through Nov. 4.

### Van Rensselaer Gallery, E-124 MVR

Through Nov. 2, freshman design and environmental analysis student work.

### Willard Straight Hall Art Gallery

"The Artists of Willard Straight Hall," featuring mixed media by staff and students affiliated with the Straight and part of the Straight's 70th anniversary celebration, will be on view through Nov. 12.

ums," Nancy Green, curator of prints, drawings and photographs at the Johnson Museum of Art, Nov. 2, 10 a.m., Johnson Museum.

### CUSLAR

The Rev. Loren Riebe will speak about his arrest and expulsion from the remote Mexican village of Yajalon, Chiapas, on Nov. 9 at 8 p.m. in the cafe at Anabel Taylor Hall.

### European Studies

"Intelligentsia and Power: The Crisis of Democracy and Its Causes in Today's Russia," Marietta Chudakova, University of Ottawa, Nov. 3, 11 a.m., 153 Uris Hall.

### Hillel

Yaron Svoray, an Israeli journalist who infiltrated Germany's neo-Nazi movement, will speak Nov. 5 at 8 p.m. in Statler Auditorium. Tickets are \$2 for students and \$4 for others. Tickets are available at the Willard Straight Hall ticket office, Cornell Hillel and at the door.

### Landscape Architecture

"Infrascapes: An Examination of the Appropriate Relationship Between the Culture Implied by Infrastructure and Values Associated with Landscape," Elissa Rosenberg, University of Virginia, Nov. 3, 11:15 a.m., 157 E. Sibley.

### Physics

Bethe Lecture: "The Dark Matter Problem," Bernard Sadoulet, University of California, Berkeley, Nov. 6, 4:30 p.m., Schwartz Auditorium, Rockefeller Hall. He also will present several more technical seminars during his visit Nov. 3-8.

### Professors-at-Large

"Environmental Refugees: An Emergent Crisis in the Global Arena," Norman Myers, environment and development consultant for World Bank, World Wildlife Fund, and U.S. Departments of State and Energy, Nov. 9, 7 p.m., Boyce Thompson Auditorium.

### Russian Literature

"Waiting for Antichrist: Apocalyptic Code of Russian Symbolism" (in Russian), Oleg Proskurin, Moscow State Pedagogical University, Nov. 7, 3:30 p.m., 177 Goldwin Smith Hall.

### Science & Technology Studies

"Ethical Issues in Women's Health Care Delivery," Andrea Parrot, human service studies, Nov. 6, 12:15 p.m., 609 Clark Hall.

Continued on page 10