

CORNELL Chronicle

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STEPPING DOWN

Davydd Greenwood is stepping down as director of the Einaudi Center for International Studies and returning to teaching.

DEAN'S REPORT

Dean Francille Firebaugh discusses the College of Human Ecology and her vision for its future in another of an ongoing series of conversations with Cornell's deans.

3

7

Endowed employees to get Managed-Choice option

Cornell's endowed employees will be offered a new managed-care, health-insurance option that is likely to prove more affordable to employees and the university.

The new option will offer no deductible, wider coverage and an employee co-payment that is usually either \$10 or 10 percent rather than the current plan's 20 percent.

Following a series of information sessions the week of March 7 and the mailing of descriptive materials, there will be an open enrollment period during the month of April. Those choosing the plan, called Managed Choice, will be covered as of July 1.

"I am very pleased that after two years of hard work by so many people, we are offering our endowed employees this additional

option," said President Frank H.T. Rhodes, who added:

"I would emphasize that it is an option; it is an alternative to – not a replacement for – the existing plan. It is possible there will be still other options in the future."

The option brings Cornell into the mainstream of efforts to control health-care costs for both the employee and employer. It was developed by the staff of University Human Resource Services with extensive help from members of the Employee Benefits Advisory Committee, faculty and staff who examined a wide range of health-care options and interviewed potential providers before endorsing this plan.

Under managed care, doctors and hospi-

tals agree to negotiated fees while patients agree to allow their Primary Care Physicians (PCP's) to manage their overall health care. "Managed Choice" is the particular program being administered for Cornell by Aetna Health Plans.

The Aetna program embraces a local network roughly bordered by Syracuse, Elmira and Binghamton. A complete description of the network area will be provided in the informational meetings and the enrollment packages. Aetna is also able to provide access to additional hospitals and physicians on a national level – for instance, the New York Hospital-Cornell University Medical Center is in the national network. A network includes physicians, hospitals

For complete information on the plan, see Pages 4 and 5.

and other health-care providers (such as chiropractors, physical therapists and independent laboratories).

Generally, plan participants will be directed to doctors or hospitals within the local network. However, when referred by their PCP, Managed Choice allows participants to use the national network or to go outside the network if medically necessary and still receive network benefits. Care not referred and approved by the PCP will be reimbursed at the out-of-network level.

Continued on page 4

Faculty learn art museum is also classroom

By Darryl Geddes

There is neither a computer, a blackboard nor even an overhead projector. These fixtures of the college classroom are nowhere to be found, yet there still is a whole lot of teaching going on.

The Herbert F. Johnson Museum of Art at Cornell is quickly becoming one of the hottest locales in which to hold classes at this Ivy League institution.

Participation in the museum's educational programming has increased almost

'The museum enhances teaching while at the same time encouraging students to become culturally literate. It's a perfect extension of the classroom.'

— Maria Stycos

300 percent over the last year as more than 100 class sessions were held in the museum.

No longer content to view the museum as simply a repository of artwork and artifacts, Museum Director Frank Robinson has made the museum more energetic in touting its attributes to the faculty.

"Our aim is to teach," he said. "We have reoriented our focus on service to the university and on playing a greater role in its intellectual life."

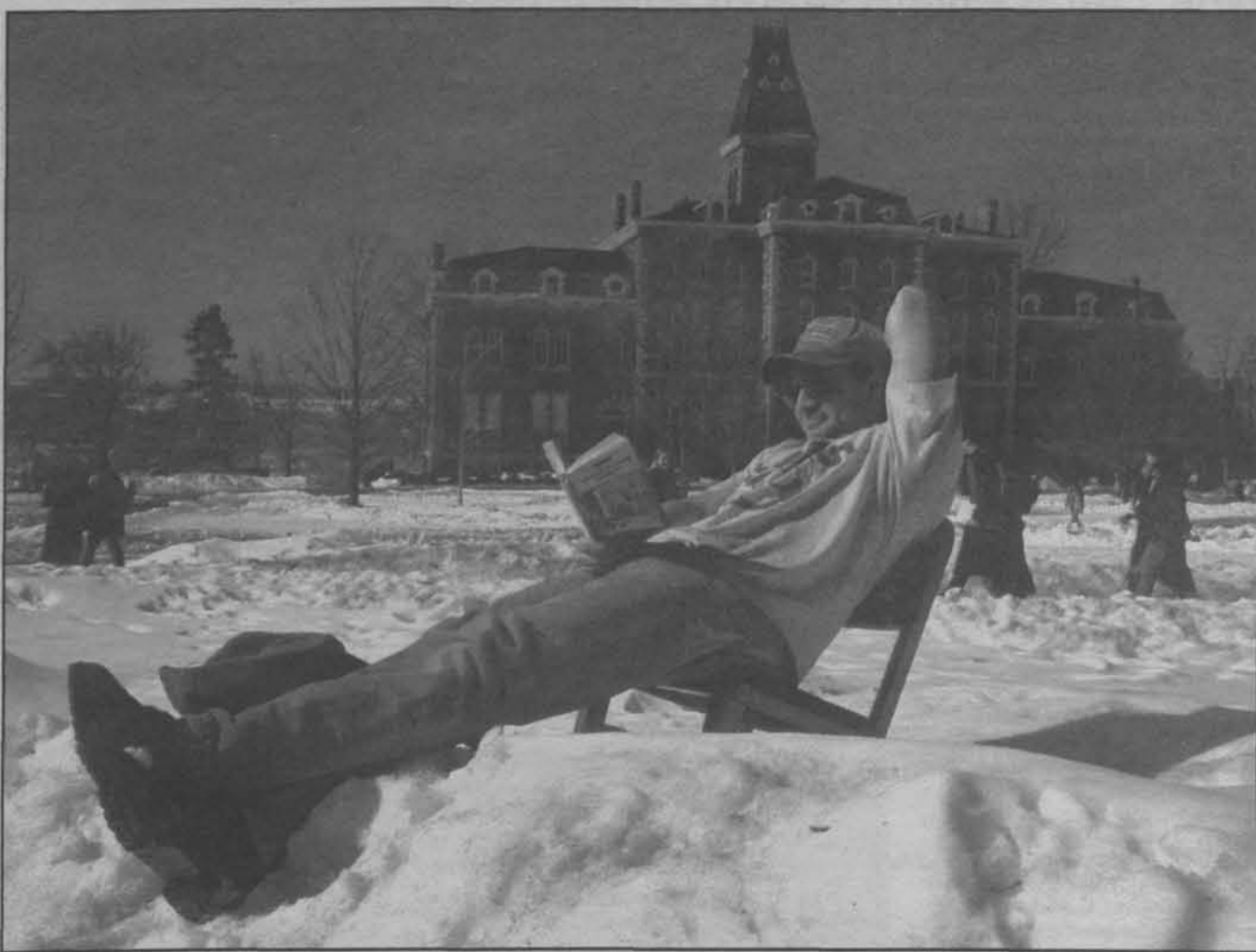
Many faculty are finding out what art professors have known for years: that as an educational resource, the museum is a gold mine. Maria Stycos, a senior lecturer in romance studies, makes it a point to include a museum visit on her class syllabus.

"The museum enhances teaching while at the same time encouraging students to become culturally literate," she said. "It's a perfect extension of the classroom."

Stycos recently held her Spanish literature class at the museum so students could examine Goya's *Disaster of War* and Picasso's *The Dream and Lie of Franco* to better understand the relation-

Continued on page 8

Soaking up sun and studies



Human ecology junior Jared Brody found time to make the most of the good weather midday Friday on the Arts Quad. The warm weather continued over the weekend.

Sharon Bennett/University Photography

Regional climate centers face federal budget axe

By William Holder

An airport planning firm in Maryland requests a detailed summary of hourly wind data for use in airport design. A hydrologist seeks information on the water content of the snow pack in central New York for flood control decisions. A Philadelphia lawyer asks for a weather report on a specific date for use in a court case involving an accident.

In each of these cases and thousands more like them, individuals and companies throughout a 12-state region turned to the Northeast Regional Climate Center (NRCC) at Cornell for accurate climate data.

Yet the proposed federal budget for fis-

'Our center has been inundated in the past month with requests for data about snowfall, snowcover and record-low temperatures.'

— Warren Knapp

cal year 1995 calls for eliminating funding for regional climate centers at the very moment when the centers are experiencing explosive growth in demand for their ser-

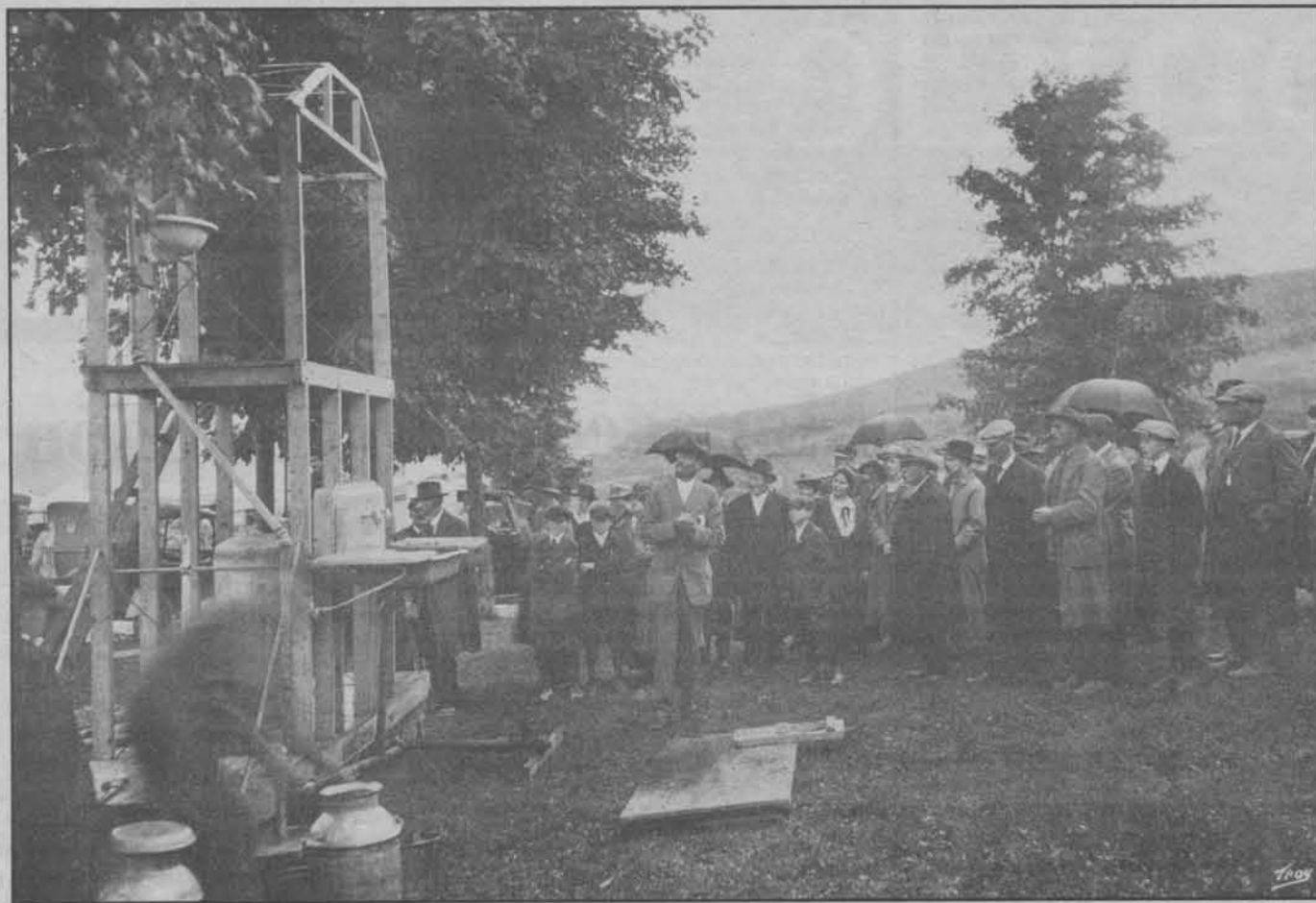
vices, according to Warren Knapp, director of the NRCC. Elimination of federal funding would spell the end of the climate centers, he pointed out.

"Our center has been inundated in the past month with requests for data about snowfall, snowcover and record-low temperatures," he said.

As evidence, telephone calls to the NRCC have grown from 90 per month in 1991 to 290 a month in 1993. Use of the center's computer-based information system has increased seven-fold in the same period, from 200 log-ons per month to 1,400 – a number that soared in January to nearly 3,000.

Continued on page 2

Cornell in times past



Division of Rare and Manuscript Collections/Carl A. Kroch Library
New York State became Cornell's campus when county cooperative extension agents were appointed to apply research to farm and home. In July 1920, Prof. William "Gas Engine" Riley (the Riley of Riley-Robb Hall) showed this Steuben County audience how a farm home can have city conveniences.

Mann Library plans shared with officials

Plans for the addition to Mann Library were shared with local officials Friday, Feb. 18, by the State University Construction Fund (SUCF), which is responsible for funding and designing the project.

Design-development plans were presented by Chris Marcella, project coordinator for SUCF, and Steve Fisher, project architect from John M.Y. Lee/Michael Timchula Architects, during a 90-minute meeting in Mann Library. The meeting was arranged by Cornell's Office of Community Relations.

Preliminary plans for the addition have been criticized, with some people saying shadows cast by the 110,000-square-foot addition will block sunlight to trees in a wooded area north of the current library and will damage tree roots.

Brian Chabot, professor of ecology and systematics, disagrees. He says the project will not have a detrimental effect on the

woodland "because the area in question will not be in continuous shadow from the proposed addition."

Chabot, who uses the woodland for class exercises, also says changes requested by the university will protect the wooded slope from construction-related activities.

Betsy Darlington, chair of the City of Ithaca's Conservation Advisory Council, says the changes made by the SUCF architect are an improvement over earlier plans she reviewed, but she is still concerned about aesthetics and possible damage to the nearby woodland.

Marcella says the state agency is considering an additional environmental review because of the disagreement over the potential impact. SUCF has received three proposals for conducting a draft Environmental Impact Statement (EIS), and Marcella says a decision on an EIS could come in March.

NOTABLE

Daniel Decker, chair of the Department of Natural Resources, received in December the highest honor bestowed by the National Institute for Urban Wildlife: the 1993 Daniel L. Leedy Urban Wildlife Conservation Award. The award recognizes contributions to the conservation of wildlife and habitat in the metropolitan environment. The institute described Decker as "an outstanding leader in alerting and educating the public on how urban wildlife may best be managed to reduce problems and yet enhance its appreciation." He was cited specifically for improvements to the understanding of deer-car accidents, deer damage to commercial nurseries, the spread of Lyme disease and the public view of deer in its backyards.

Climate centers *continued from page 1*

Other centers are experiencing rapid growth in demand for their services, he added. A study of soil conditions conducted by the Midwestern Climate Center, for example, recently helped the governor of Illinois take actions involving millions of dollars following the severe floods of 1993.

Planners of the 1996 Summer Olympic Games are relying on the Southeast Regional Climate Center for expert advice on climate conditions at several sites in Georgia, while the Western Regional Climate Center is developing climate data that may help federal agencies reduce crop and natural resources losses due to drought, Knapp said.

The Northeast Regional Climate Center recently issued the first atlas of snowfall in the region. This document summarizes data from nearly 900 weather stations during the past 40 years. It provides architects, engineers, public works and transportation officials with vital information about likely amounts of snowfall and snow cover at different times of the year.

The center, Knapp said, is currently preparing a companion atlas of extreme precipitation events in the Northeast. Such information is crucial to planners who must anticipate rare but severe weather events.

The center provides research and data for

12 states: Maine, New Hampshire, Vermont, Massachusetts, Connecticut, Rhode Island, New York, Pennsylvania, Delaware, Maryland, New Jersey and West Virginia.

The six employees of the NRCC handle requests for information from nurseries in Maine to international corporations. Businesses, energy companies and utilities are heavy users, but calls also come from police departments, town managers, attorneys, insurers, travel agents, reporters and scientific researchers, among others. They frequently seek information about historical climate trends, weather conditions on specific days in the past or climate information related to industries such as agriculture.

The total federal appropriation for all the regional climate centers in 1993 was \$3 million, administered by the National Oceanic and Atmospheric Administration. States contributed an additional \$1.26 million. Universities such as Cornell also contribute to the centers with donations of space, computer time and other facilities.

"The climate centers are an efficient comingling of federal, state and private resources," Knapp said. "They represent the use of federal dollars to provide important information to people where they need it—in their own regions—and when they need it, which is most often right now."

BRIEFS

■ **Accessible transit:** A public hearing on Accessible Public Transit in Tompkins County will be held Thursday, Feb. 24, from 4:30-5:30 p.m. on the fourth floor (accessible to wheelchairs) at City Hall, 108 E. Green St., Ithaca. The hearing will be an update on the plan for accessible public transit and an opportunity to gain public input. Copies of the plan are available at Ithaca Tompkins Transit Center, 737 Willow Ave., Ithaca, 277-9388.

■ **Goethe Prize:** The Goethe Prize, endowed in 1935 by Ludwig Vogelstein, is awarded annually for the best essay on any topic connected with German literature. Juniors, seniors and graduate students are invited to submit essays with a suggested length of 10 to 20 pages. The essays may be in German or English. They should be written under an assumed name but the author should indicate junior, senior or graduate status. The essays should be handed in (along with a sealed envelope containing the author's identification) to the dean of the university faculty, 315 Day Hall, by noon, April 15. The committee may award a first prize of \$250 maximum for the best essay and, possibly, a second prize. For more information call Prof. Ina Ezerzailis, chair of the Prize Committee, 183 Goldwin Smith Hall, 255-5265, or call 255-4047.

■ **Rose Prize:** Nominations are being sought for the 1994 Flora Rose Prize. The prize is awarded to a Cornell junior or senior who, in the words of the donor, "shall demonstrate the greatest promise for contributing to the growth and self-fulfillment of future generations." Letters of nomination may come from any member of the Cornell community and should be sent to Patti Papapictro, Office of Student Services, N-101 MVR Hall, by Friday, March 7. All additional materials must be submitted by the nominee by March 28.

■ **Nominate lecturers:** The University Lectures Committee is seeking nominations for lecturers in both the Messenger Lecture Series and the University Lectures and is particularly interested in ethnic candidates. Each semester one Messenger Lecturer is selected to deliver a series of either three or six lectures. The first opening is spring 1995. University Lecturers deliver a single lecture, and approximately 12 are selected each year. The committee is interested in receiving requests for fall 1994 and beyond. Nominations should include a nominating letter and at least two seconding letters. Nominations and inquiries should be addressed to Judy Bower, coordinator, University Lectures Committee, 315 Day Hall (255-4843). Deadline is April 27.

■ **Seeking scholars:** Now is the time for outstanding juniors and their professors to begin thinking about applying for the Churchill, Marshall and Rhodes scholarship programs, which make it possible for select students to continue their studies in the United Kingdom. Nominations may be made by contacting Bonnie Buettner, Fellowship Coordinator, University Career Center, 103 Barnes Hall, 255-5221. For details about these three opportunities there will be an information session in 122 Rockefeller Hall: Thursday, Feb. 24, 4:30; Monday, Feb. 28, 4:30. While deadlines are not until fall semester, now is the time to think about applying.

CORRECTION

A Feb. 10 article on Akwe:kón Editor José Barreiro incorrectly stated the affiliation of the American Indian Program. The program is a free-standing, universitywide program whose principal home is within the College of Agriculture and Life Sciences.

CORNELL Chronicle

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

Greenwood to step down as Einaudi Center director

By Darryl Geddes

Davydd J. Greenwood has announced his intention to step down as director of the Mario Einaudi Center for International Studies at Cornell at the end of his second five-year term June 30.

Greenwood, 51, who has served as the center's director since 1983, will begin a one-year administrative and sabbatical leave July 1. He will return to the faculty in fall 1995. A successor to Greenwood has not been named.

"Davydd has not only been a strong and important advocate for international programs at Cornell University," Provost Malden C. Nesheim said, "he also has contributed greatly to the development of national policy in international education."

As the center's director, Greenwood helped design and implement the Cornell Abroad program in 1985, which today provides educational opportunities in 40 different countries to more than 500 students annually. His efforts as chairman of the national task force on financing of international higher education resulted in increased funding from the federal government for international study centers on college campuses across the country. His election last year as president of the Association of International Education Ad-



Greenwood

ministrators made him one of the leading voices in the field.

Greenwood is also credited with broadening the center's campus base of programming, which increased faculty participation in the center. Throughout his years as an administrator and teacher, Greenwood has continued his research and publication in the areas of ethnicity and ethnic conflict, the anthropology of Spain and participatory action research.

Greenwood joined the Cornell faculty in 1970. He was promoted to full professor in 1981 and was named the John S. Knight Professor of International Studies and Einaudi Center director in 1983. He also has served as chair of the Biology & Society Program.

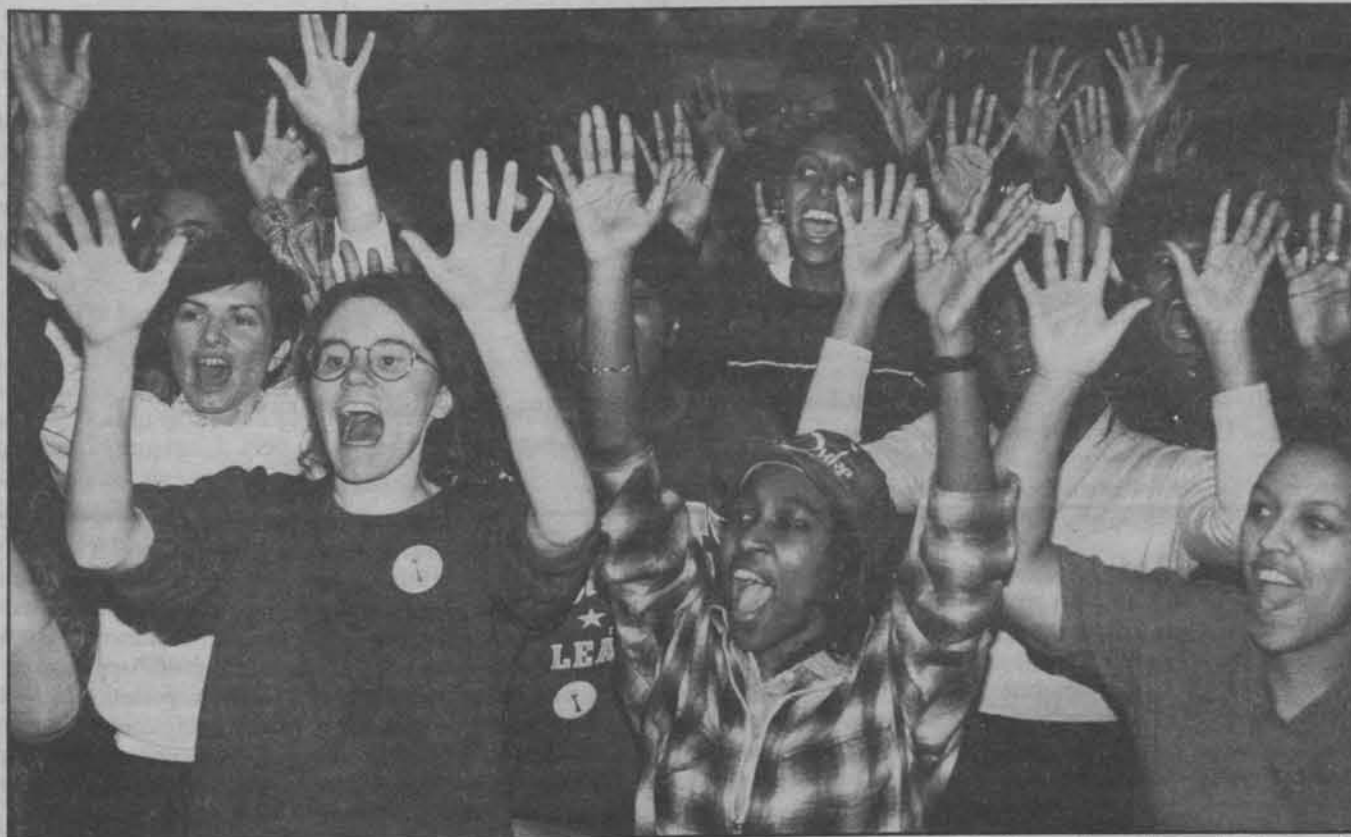
Greenwood earned a bachelor's de-

gree from Grinnell College in 1964 and a doctorate from the University of Pittsburgh in 1970.

The Einaudi Center administers a number of area and topical programs that involve faculty from several university departments, including government, history, modern languages, social sciences, anthropology, agriculture and law.

The center's programs deal with South, Southeast and East Asia; Western and Central Europe and the republics of the former Soviet Union; Latin America, international development and comparative studies. It maintains links with the Africana Studies and Research Center and the Department of Near Eastern Studies and oversees Cornell Abroad and the Office of International Students and Scholars.

In celebration



Choir members from throughout the Northeast rehearse together under Eric Reed before performing as a mass choir Saturday night in Bailey Hall at the 18th Annual Festival of Black Gospel. The performance was part of the Black History Month celebrations.

Sharron Bennett/University Photography

Engineering Day Saturday at mall

"Turning Ideas Into Reality" is the theme for this year's Engineering Day at Pyramid Mall on Saturday, Feb. 26, from 10 a.m. to 6 p.m.

The event, part of National Engineering Week, will feature booths, contests and games all related to engineering and science. It is sponsored by the College of Engineering and the Science Center in Ithaca.

Participating will be at least 15 different engineering and science student associations from Cornell, local companies, such as Borg Warner and Emerson Power, as well as staff and volunteers from Ithaca's hands-on science museum.

Also scheduled to be at the mall are Cornell's student-designed and built cars, one an SAE Formula race car, the other a hybrid electric vehicle, both to be entered in national competitions this spring. A hybrid vehicle is battery-powered but has an alternative power source, such as methanol. Last year, both Cornell teams won their respective national competitions.

Engineering Day at the mall grew out of the work of the Synthesis Coalition, a consortium of eight universities, including Cornell, that is reforming engineering curricula and encouraging more students to pursue engineering studies. The coalition hopes to increase interest in engineering among American youth.

McAdams gives perspective on U.S. economy, research at area talk

By Kristin Costello

"Looking at the U.S. economy today, we're essentially looking at a sea of risk," said Alan K. McAdams, professor of managerial economics at Cornell's Johnson Graduate School of Management and guest speaker at the Tompkins County Area Development's annual meeting on Feb. 16.

McAdams's talk, "A Perspective on the U.S. Economy," addressed concerns that, in many ways, impact the work of Tompkins County Area Development, Inc. (TCAD), founded in 1964 to foster economic growth locally by strengthening the local tax base and helping private sector employers create quality job opportunities.

Michael Stamm, president of TCAD, stressed the need to diversify the economy in Tompkins County, particularly at a time when Cornell and Ithaca College are experiencing budget constraints.

Stamm said two of the major projects currently being implemented by TCAD are an examination of potential for a zero-stage venture capital fund and Cornell's Innovation Center Task Force.

Noting Cornell's increased focus on the development of small businesses in the area, Stamm said the Innovation Center would facilitate commercialization of advanced technology and the venture capital would serve as a key tool for local businesses.

McAdams said his Advanced Consulting Class at the Johnson School is involved

with consulting and strategic planning projects for local businesses and education this semester, including the Ithaca City School District, Emerson Power Transmission Co., C-Way Systems and businesses seeking to address environmental issues.

McAdams sought to provide perspective for what many view as good news for the U.S. economy — a situation that, he says, portends problems for the future. "What appears to be uninterrupted growth in the economy is largely inflation — real growth has been at a much slower pace," he said.

"While it also appears that U.S. per capita income is on the rise, that rise is almost wholly the result of inflation. Real per capita income has been almost flat for about six years," McAdams said. "Since most of the growth has gone to the top one percent of earners, for the rest of us, real per capita income is actually declining," he said.

McAdams attributes many of the United States' economic deficiencies to "our inability to earn our way in the world." Today, he said, we have a \$60 billion trade deficit with Japan alone. And, this is after we cut our exchange rate with Japan to 42 percent of what it was in 1985 — down by 68 percent — to try to compete in the world markets; we cut our prices against the rest of the world in half, McAdams said.

The U.S. economy has performed reasonably well of late due largely to the drop in interest rates. But McAdams warns that we're in "a sea of risk" linked to our ineffi-



Peter Morenus/University Photography
Professor Alan McAdams speaks at the Tompkins County Area Development's annual meeting on Feb. 16.

cient health care system.

"One catastrophic illness could wipe out almost any family financially," McAdams said. "Profits are a return against risk and, consequently, the U.S. will have to earn much higher profits to compensate for that high risk." The solution, McAdams proposes, is to deal with the problem. Clinton's health care plan does just that, he said. "It follows the principle of insurance: if you have risk of catastrophic illness, that risk should be distributed among as large a group as possible."

McAdams also addressed what he said was the misconception that research universities are "ripping off" the government.

The federal government buys its research below cost and consequently, research universities are at risk, McAdams said. "I would estimate that Cornell University loses \$25 million a year in unrecovered costs of contract research," he said, "in part, because we offer bids below cost to compete for government contracts."

"However, for us as a nation, to compete in world markets we must continually be on the cutting edge of innovation and technology, and that technology largely originates at research universities," McAdams said.

An audience member suggested there are perhaps too many research universities and that government funding is being disseminated among too large a group. But McAdams said his perception is that the United States is not doing enough research and that the key to competing in a global economy is to maintain worldclass technology.

McAdams stressed that if the United States' strategic intent is to regain a leading position in world trade and technology, we also must determine what those objectives require and then provide incentives to assure that resources flow to where they are needed — for example, to research universities. He concluded that there is significant room for change in the right directions by both industry and government, and consequently, for real growth in the U.S. economy.

New plan designed to help slow cost hikes

Cornell is self-insured. So under Managed Choice, as under the 80/20 plan, Cornell pays all covered health costs not paid by employees.

Since 1989, the share of total health-plan costs paid by the university has risen from 73 to 82 percent; that paid by employees has declined from 27 to 18 percent.

This percentage shift does not mean employees have seen an actual decline in what they pay for health care, for total costs of health coverage have been rising sharply.

Most employee benefits have held steady over the past 15 years, when considered as a percentage of salary. But health benefits have soared – going from less than two percent of salary in 1980 to above 9 percent now. Based on current trends, they will climb to more than 14 percent of salary in just three years.

“Slowing the percentage increase in health benefits is essential if we are to control our budget and to husband a greater share of compensation dollars for salary increases,” says Fred Rogers, vice president for finance and treasurer. “What Managed Choice seems to offer is better coverage per health-care dollar, which, from a financial point of view, is good for employees and for the university. It doesn’t necessarily mean total health-care costs will drop, but we hope to see the increase slow down.”

The employee’s share of health-plan costs is paid two ways: the annual premium that is prorated and taken out of each paycheck and the fraction of health-care bills that is not paid by the university.

The university’s costs include bill-paying, administration of the plan and paying for services that are “free” to the employee, such as some routine medical tests or exams.

The reason numerous services can be priced

Selected Plan Features	Managed Choice		80/20 Plan
	In Network Benefits	Out of Network Benefits	
Deductible (per calendar year)	None	All benefits subject to deductible \$250 Individual \$750 Family	All benefits subject to deductible except where specifically noted \$200 Individual \$400 Family
Out of Pocket Limit (includes deductible)	\$1,000 Individual \$2,000 Family	\$5,000 Individual \$10,000 Family	\$1,000 Individual \$2,000 Family
Physician Services			
Office Visits (except mental health)	100% after \$10 copay	60%	80%
Routine Physical Exams (Children over 6 and adults) Periodic physical assessment. Pediatric/adult immunizations (1 per 24 months)	100% after \$10 copay	Not covered	No deductible: pay 80% up to \$150 biennially (every other year) for employees under 40; \$250 biennially for employees over 40
Well Baby Care (to 6 years – includes immunizations)	100% after \$10 copay	Not covered	80%: No deductible (age 2 and under: \$200 annual limit per child)
Routine Gynecological Exams (Self-referral for one exam per calendar year)	100% after \$10 copay	Not covered	See routine exams
Mammography Exam	90% (One routine screening per calendar year)	60% (One routine screening per calendar year)	80%: No deductible. Age-related: women 35-39 reimbursed for one. Women 40-49 reimbursed for one every other year. Women age 50 or above: reimbursed for one every year.
Routine Eye Exam (One self-referral; one exam per 24 months)	100% after \$10 copay	Not covered	Not covered
Routine Hearing Exam (One exam per 24 months)	100% after \$10 copay	Not covered	Not covered
Physician Hospital Services	90%	60%	80%

lower for employees under Managed Choice than under the 80/20 plan is not because the university decided to give Managed Choice a greater subsidy. Rather it is because the university anticipates comparable cost abatements for itself. Aetna has negotiated reduced fees from doctors and hospitals; paperwork is less; coordination by the primary-care physi-

cian should eliminate needless tests and procedures; and the lowered costs of routine doctor visits – along with Cornell’s promotion of wellness programs – is expected to curb the development of serious (and more costly) conditions.

As with any health-insurance plan, premiums and pricing of coverage are based on

estimates of future behavior and costs. Assumptions of cost abatements are based on the performance of similar plans elsewhere. But if Cornell’s plan happened to work differently from expectations, coverage, premiums and pricing could be adjusted in accordance with the university’s long-term strategy to rein in the annual cost increases.

Managed Choice plan *continued from page 1*

Jean Samuelson, director of benefits services, notes that the local network has succeeded in enlisting most of the region’s physicians and most-used hospitals – including Arnot Ogden, Auburn Memorial, Community General (Syracuse), Cortland Memorial, Crouse Irving, Oswego, Our Lady of Lourdes, Robert Packer (Sayre, Pa.), St. Joseph’s, Strong Memorial, Tompkins Community and UHS Hospitals in Binghamton and Johnson City.

The roster of participating physicians and other health providers is growing daily. A March, 1994 list will be widely circulated and will be mailed to all eligible employees.

A similar Managed Choice plan was introduced at Ithaca College 13 months ago, and almost 80 percent of the employees signed up, according to Director of Personnel Services Martha A. Turnbull. For the current year, the number climbed to 82 percent.

“We were beginning to hear of employees who were missing medical services because they couldn’t afford office visits,” Turnbull says. “One reason this plan is so popular is that it ensures all employees greater access to a primary-care physician;

they felt the fee of \$10 for an office visit is fair and affordable” compared with prior costs.

“The plan we’ve chosen should meet Cornell’s cost-containment objectives while

incorporating a family-focused, case-management approach with an emphasis on prevention and wellness.”

The principal limitation on employee freedom under Managed Choice is that, in almost every case, the employee will have to get the PCP’s permission to see any other

ing doctors send them directly to Aetna.

get advance clearance for hospital stays – or face a penalty.

With Managed Choice, going outside the local network without the PCP’s approval carries the following kinds of benefits reductions:

- There is no coverage at all for non-network doctors performing routine physical or gynecological exams or providing well-baby care; with an in-network doctor, all three are covered at 100 percent (less a flat \$10 co-payment from the patient).
- Office visits to non-network physicians (excluding mental-health care) are covered at 60 percent after payment of a \$250 annual deductible; with a network doctor, they are covered at 100 percent (less a \$10 co-payment), and there is no deductible to meet.

- When a Managed Choice participant chooses to use non-network doctors or hospitals, he or she has a much higher annual out-of-pocket personal limit than one who sticks to the network: \$5,000 a year individually and \$10,000 per family as compared with \$1,000 and \$2,000.

The per-paycheck premium for Managed Choice has not yet been set, but Samuelson expects it will not exceed that for the 80/20 plan.

The Managed Choice information sessions, led by Aetna and Cornell staff, will be held the week of March 7 for staff and faculty from major divisions of the university. The full schedule will be published next week in *The Cornell Workplace*.

Subsequently, smaller, department-level meetings may be set up, on request, and provisions will be made for individual employees to ask questions of the Benefit Services staff before and during the weeks before the April enrollment period.

Efficiencies, and thus savings, are realized by the individual employee and the university through the negotiation of lower fees and the coordinating efforts of a primary-care physician.

incorporating a family-focused, case-management approach with an emphasis on prevention and wellness,” says Beth Warren, Cornell’s associate vice president for University Human Resource Services.

The Clinton Administration and numerous insurers are promoting managed-care programs.

Efficiencies, and thus savings, are realized by the individual employee and the university through the negotiation of lower fees and the coordinating efforts of a primary-care physician (PCP). For each participating employee and each covered member of that employee’s family, a PCP takes a medical history, maintains medical records and guides patient choices.

This should reduce, for instance, duplicate tests and examinations that are sometimes performed when a patient directs his or her own movements within the health-care system.

There is also less paper-shuffling: Patients fill out no forms at all; the participat-

doctor. The only two exceptions are routine eye exams and routine gynecological exams, for which Managed Choice participants may simply pick up the phone and make their own appointments.

The PCP, who must be an internist, general practitioner, pediatrician or family practitioner, will also have to approve any hospital arrangements other than emergency treatment, which needs no prior clearance. Should a plan participant fail to work through the PCP and instead make appointments directly with doctors or hospitals, reimbursement levels are significantly reduced.

Benefits and reimbursements also are reduced if the employee wants to use a non-network doctor or facility or insists on an office visit or procedure considered unnecessary by the PCP.

Under the existing 80/20 plan, covered expenses are generally reimbursed at 80 percent – after satisfying the deductible – no matter where or who the doctor is. The employee on the 80/20 plan must, however,

Questions and answers on new health option

University Human Resource Services has more detailed materials.

Q. If I join, how do I choose my primary-care physician [PCP]?

A. It's your choice, from the 100 or so (in Tompkins County alone) who have joined the Aetna network. You will receive a directory of participating physicians that will allow you to select a PCP that meets your individual needs.

Q. Who are these PCPs?

A. Internists, general practitioners, pediatricians or family practitioners who want to join the program and have been approved by Aetna.

Q. How do I know if the doctor I now use is in the program?

A. You will get a list before you have to make a choice on joining. A large majority of area physicians are signed up as eligible PCPs, and most specialists have joined the network in their fields. If your doctor does not appear in the directory, you may contact the Aetna provider service number (1-800-331-2595) to see if your physician has been added to the network.

Q. Does my chosen PCP have to accept me?

A. If you are not already a patient and his or her workload prevents proper care, he or she will be listed as a participant with a "closed" practice, and you may be turned down – but not for any other reason.

Q. Am I free to change PCPs?

A. Yes. For any reason; at any time.

Q. If I change to Managed Choice as of July 1, can I change back?

A. Yes. During next fall's benefits-enrollment period, for the year starting Jan. 1, 1995, Managed Choice participants may change back to 80/20, and 80/20 participants may select Managed Choice for the first time.

Q. What if I wake up with a back ache or sore throat and have a chiropractor or throat specialist I'd like to go see?

A. If you want full benefits, you must first check with your PCP. If he or she feels you need further care, you will be cleared to visit your chosen specialists – if they are network members. If they are not – or if your PCP says the visits are not necessary – you may still go but will have to pay 40 percent of costs, after your \$250 annual deductible.

Q. Is the Managed Choice deductible the same as that for 80/20?

A. If you're referred to a network doctor by your PCP, there is no deductible under Managed Choice.

Q. How will this work for my child who is away at school?

A. Specific instructions will be included in the enrollment package.

Q. What if I get sick on vacation?

A. In a non-emergency situation, call your PCP. He or she can refer you to a local physician; if there is no local Aetna network, you will be able to see a non-network doctor and receive full network benefits.

Q. What if it is an emergency and I don't have the opportunity to call my PCP?

A. Emergency treatment does not require prior clearance. You pay a \$25 co-payment and the plan reimburses 90 percent of the remaining expenses. If you are admitted to a hospital as the result of your emergency room visit, you do not pay the \$25.

Q. What about psychological problems? Must I still go to my PCP?

A. No. Cornell is setting up a separate program concerned with mental health and substance abuse; it is accessible through the existing Employee Assistance Program. Cornell has a special phone number that can be called in confidence to arrange counseling or referrals. This number will provide access to care throughout the U.S. and internationally if something should happen to you or a member of your family not located in Ithaca.

Q. How about prescription drugs?

A. The terms are identical to those of the 80/20 plan which became effective Jan. 1, 1994.

Q. What about the amount I have set aside for select benefits for 1994?

A. You will have the opportunity to adjust the biweekly contribution to your medical-reimbursement account effective July 1. Retroactive adjustments for the first half of the year cannot be made, but the amount taken out of your paycheck after July 1 can be either increased or decreased; or you may stop participating altogether.

Park thoughtfully



Peter Morenus/University Photography

In response to changes in laws regarding access for persons with disabilities, Cornell has created additional handicapped parking spaces, and many of those now feature a handicapped access aisle for maneuvering room. Those aisles are marked by diagonal stripes. Transportation officials stress that the diagonally striped areas as well as the marked parking spot they are adjacent to are to be used exclusively by persons with disabilities who have a proper permit.

ILR Press publishes book about tenure

By Kristin Costello

As more women and people of color hold academic jobs, the incidence of illegal employment discrimination in reappointment, tenure and promotion decisions also increases, according to a new study examining the tenure process in higher education.

Tenure, Discrimination and the Courts by Terry L. Leap, professor of management in the College of Commerce and Industry at Clemson University, was published last fall by ILR Press. It focuses on the effects of discrimination litigation filed by faculty against universities.

The number of lawsuits in higher education is escalating, Leap claims, because "faculty and administrators at some of the most prestigious universities and colleges in the United States have violated equal opportunity laws. A number of others have been immersed in lengthy court battles because of questionable actions or personnel decisions involving female and minority faculty," he adds.

Leap cites cases that have been decided in favor of the faculty member as well as cases decided in favor of the institution. His intent, he says, is not to prove the existence or preponderance of discrimination in the tenure process, but to integrate the legal, educational and personnel aspects of that process.

In most cases, litigation is unsuccessful for the faculty members filing suit, Leap determined. Proving discrimination in court is extremely difficult, in part, because the federal courts have diluted the effectiveness of such tactics as faculty comparisons, statistical analysis and arguments based on changing standards.

Furthermore, the criteria on which tenure and promotion are based – research productivity, teaching effectiveness, service contributions and collegiality of the faculty member – are extremely difficult to measure and are always, to some extent, subjective, he says.

In response, the courts have generally adopted an "anti-interventionist" position toward universities and colleges involved in discrimination suits, Leap says.

Nevertheless, in the face of such risk, more and more faculty members are taking their institutions to court on a number of different charges, Leap says.

Some claim that a lack of institutional support and resources made an acceptable level of performance difficult to achieve.

Others charge the institution with failing to adhere to its promotion and tenure standards, or they contend that those standards were not instituted in a consistent manner. In other cases, faculty members claim that peer review committees and college officials harbored prejudice against them because of race, sex or national origin.

Leap proposes that institutions of higher learning take steps to reduce the number of employment discrimination suits by enacting broader recruitment and more meticulous interviewing.

The criteria and standards for promotion and tenure should be specific enough, he says, to provide guidance to faculty members, yet flexible enough to encompass an individual's total accomplishments.

Orientation and mentor programs could also prove useful in defining expectations and clarifying communication, Leap adds.

2 elected to National Academy of Engineering

By Larry Bernard

Two Cornell University engineering professors have been elected to the National Academy of Engineering.

Wilfried H. Brutsaert, professor of civil and environmental engineering, and William McGuire, professor emeritus of civil and environmental engineering, were two of 79 members elected to the academy on Feb. 11.

Brutsaert was cited "for innovations in the theory of evaporation from natural surfaces into the atmosphere and for its measurement at field scale."

McGuire was elected "for contributions to the understanding of the behavior of steel structures and the development of computer graphics capabilities for design of those structures."

Election to the academy is among the highest professional distinctions for an engineer. Membership honors those who have made "important contributions to engineer-



Brutsaert



McGuire

ing theory and practice" and those who have demonstrated "unusual accomplishment in the pioneering of new and developing fields of technology."

McGuire, who retired in 1989, earned a degree from Cornell in structural engineering in 1947. After working as a structural engineer, he joined the Cornell faculty in 1949.

His many projects included aiding in the design and construction of the world's largest radio telescope in Arecibo, Puerto Rico, operated by Cornell for the National Science Foundation.

Brutsaert specializes in hydraulics and hydrology. He received master's and doctoral degrees from the University of California at Davis and came to Cornell as assistant professor in 1962 upon completing his doctorate. His undergraduate work was at the University of Ghent, Belgium. He is currently serving as president of the Hydrology Section of the American Geophysical Union.

Ralph Christy insists students get involved

By Darryl Geddes

Ralph Christy, Cornell associate professor of agricultural economics, is one of only 10 African Americans teaching economics at the nation's top 25 schools, according to an informal survey conducted by the *Journal of Blacks in Higher Education* for its April issue.

However, issues of race and his place in a white-male-dominated field are not foremost in Christy's mind. "My main purpose when I enter the classroom is to create an environment where students — all students — can grow and learn," said the 40-year-old educator during an interview in his Warren Hall office.

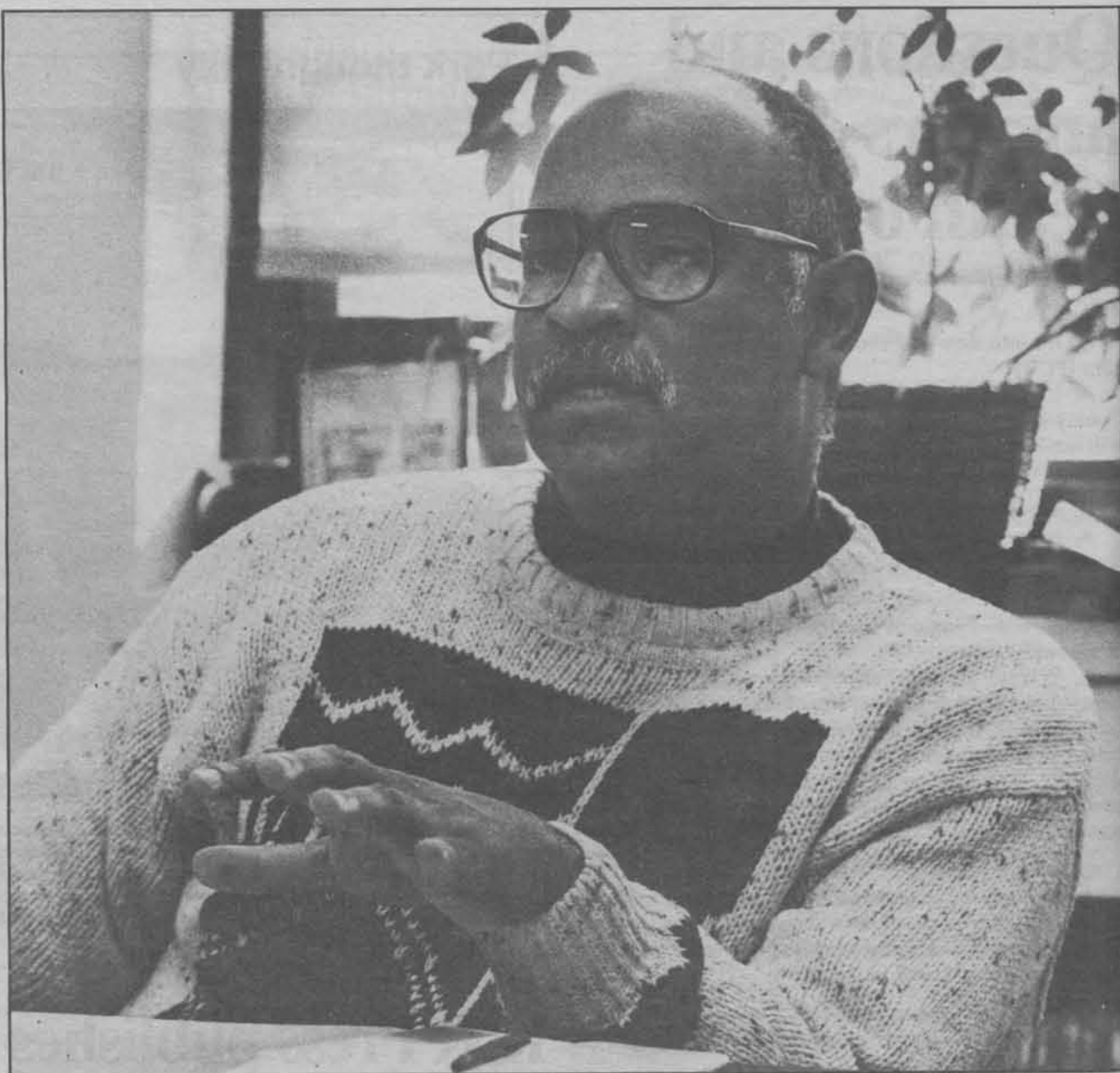
In his Marketing Management class, Christy encourages open discussion of issues by punctuating his lectures with open-ended questions. "You have to involve students in the learning process," he said. "I want to learn from them and I want them to learn from each other. Learning can be improved if students are actively taking part in the process. Knowing is not a neutral proposition."

Students, like Nettie Preister, a graduate student in the Johnson School, appreciate Christy's inspiring classes. "He was one of the best teachers I've ever had," said Preister, of Long Island. He challenged us intellectually by asking difficult questions in class. But he also was a teacher who had plenty of time to give his students outside of class."

To some students, Christy is more than a teacher, he's a mentor and role model. "A few minority students have told me how happy they are to finally have an African-American teacher," Christy said. "They come by my office to find out who I am and what I'm about."

Christy grew up in rural Louisiana, the son of a high school agriculture teacher who later became school principal. He earned a bachelor's degree in 1975 from Southern University in Baton Rouge, where he spent a semester abroad in western Africa studying issues of international trade, food and technical assistance and economic development. Christy continued his studies in agricultural economics at Michigan State University, where he earned master's and doctoral degrees in 1977 and 1980, respectively.

At Michigan State, Christy met one of his most important



Peter Morenus/University Photography

Ralph D. Christy, associate professor of agricultural economics, at his office in Warren Hall.

About Ralph Christy

• **Background:** He earned a bachelor's degree in 1975 from Southern University in Baton Rouge and master's and doctoral degrees at Michigan State University in 1977 and 1980, respectively.

• **Achievements:** With the Cornell Institute for International Agriculture Development, he is working to establish a productive small holder agriculture system in Zimbabwe. He also has written widely on agriculture issues and is associate editor of the *American Journal of Agricultural Economics*.

• **Philosophy:** "You have to involve students in the learning process. I want to learn from them and I want them to learn from each other. Learning can be improved if students are actively taking part in the process. Knowing is not a neutral proposition."

mentors — Clifton R. Wharton Jr. — who he credits with helping shape his career. Christy made an appointment to meet Wharton, who was then president of Michigan State, during the president's open office hours.

"I was so nervous about the meeting," Christy recalls. "I didn't know what to say." Wharton did. He encouraged Christy to pursue education as a career, which would open doors to government and consulting work. "He said the first 10 years of my career should be devoted to research and writing. For me, that was sound advice," said Christy, who still maintains a professional relationship with Wharton.

Christy's research interests are marketing and agribusiness management, including the effects of agribusiness on rural development. Under the auspices of the Cornell Institute for International Agriculture Development, Christy is working to establish a productive small holder agriculture system in Zimbabwe. Many of the large farms in this African country are owned by European firms, but a move is under way to put the land back into the hands of the Zimbabwe people.

"Our efforts are looking at horticulture production and marketing systems," he said. "We're holding training workshops and examining ways to help the small landholder prosper." Such training is vital for these countries, Christy said, since their economies are driven by agriculture.

Christy has written widely on topics in market structure, marketing strategies, human resources and rural development. He is co-author of the chapter "Financial Policies and

the Structure of Agriculture" in *Food and Farm: Current Debates and Policies* (University Press of America, 1989) and "Agricultural Cooperatives for Small Agriculture and Rural Communities" in *American Cooperation 1989* (AIC Yearbook, 1989). He also serves as associate editor of the *American Journal of Agricultural Economics*.

In 1991 he was elected to a three-year term as director of the American Agricultural Economics Association (AAEA). Of the association's 4,000 members, only 40 are African American. "We have to increase the diversity of the profession," Christy said.

To help in that effort, Christy has formed the Clifton R. Wharton Jr. Appreciation Club, an organization of the AAEA Foundation. (Wharton was chairman of the Rockefeller Foundation, president of Michigan State University, chancellor of the State University of New York system and, most recently, U.S. deputy secretary of state.) The club, which recognizes Wharton's contributions to agricultural economy and higher education, seeks to provide professional development programs for minority scientists as well as travel grants to facilitate their attendance at conferences and to support their travel abroad. "These activities will help reduce the barriers of entry to the field for minorities, while educating them on the importance of the field," he said.

Christy believes, in time, that ventures like the Wharton Appreciation Club will change the face of agricultural economics and related fields as minority scientists are encouraged and supported in their professional endeavors.

Book on relieving cancer pain recommends treating it aggressively

To endure cancer pain or witness a loved one with such pain is overwhelming. To find out later that pain was in vain is tragic. Yet, the tragedy of needless cancer pain occurs again and again throughout the world every day.

On any given day, more than 1 million Americans and 9 million people worldwide suffer from cancer-related pain. Although it could be relieved in 90 to 99 percent of cases, more than 3.5 million people, including many Americans, suffer because of inadequate treatment.

You Don't Have to Suffer: A Complete Guide to Relieving Cancer Pain for Patients and Their Families (Oxford University Press, 1994) is the first book for consumers to help them become advocates for improved treatment of cancer pain and other side effects of cancer and its treatments. Co-authored by Cornell Senior Science Writer Susan S. Lang and Richard B. Patt, M.D., one of the country's cancer pain experts and deputy chief of Pain and Symptom Manage-

ment at Houston's M.D. Anderson Cancer Center, the 365-page book discusses why too many cancer patients are undermedicated and explores the wide array of pain-relieving options available in the modern arsenal of traditional and alternative medicine.

"Pain encompasses the whole body — the mind, the body, the soul and the spirit," said Patt, also the editor of the medical textbook *Cancer Pain* (Lippincott, 1993) and a contributor to the National Institutes of Health's guidelines on cancer pain treatment to be released this year.

"Undertreated cancer pain and suffering is a major unresolved health problem of our time," Patt said.

The book explores why pain, an enemy to the cancer patient as virulent as any disease, should be treated aggressively as a legitimate medical condition. Yet, pain is undertreated because physicians harbor unfounded fears of addiction, have low expectations for adequate relief and receive inadequate training in cancer pain; patients have

"When cancer pain is not treated aggressively, cancer patients are not only denied the opportunity to enhance their quality of life but also are unable to rally all their body's natural reserves and healing abilities against the disease."

— Richard B. Patt

unnecessarily stoic attitudes to "tough it out"; and ambiguous laws create barriers to the legitimate use of narcotics.

"In 1980, my father-in-law suffered from lung cancer and died in agony during the 'dark ages' of cancer pain treatment," Lang said. "Since then, both my mother-in-law

and mother have died of cancer at home. This is the book I wish I had had from the beginning to better understand how I could have helped them more."

A no-nonsense handbook for anyone with cancer, caring for a loved one with cancer and for healthcare professionals who treat cancer patients, *You Don't Have To Suffer* addresses the physical, psychological and spiritual needs of patients.

Chapters include information for families on how to help doctors help the patient; pain assessment and treatment strategies; medications for pain, nausea, constipation and other symptoms; high-tech procedures when medications are inadequate; mind/body techniques to promote relaxation; and psychological and cognitive strategies that break the vicious cycle of anxiety, depression and pain.

The book also includes detailed tables of medications with brand names, an appendix with resources available nationwide, a glossary and detailed bibliography.

A conversation with Dean Firebaugh of the College of Human Ecology

Human Ecology emphasizes teaching and advising

By Susan Lang

With incoming freshmen in the College of Human Ecology consistently among the strongest from their high schools — ranking in the top 6 percent of their classes — a top priority of the College is to make their learning experience even richer.

The way to do that is to develop a balance of cognitive and interpersonal skills and a strong sense of community and social responsibility, Dean Francille Firebaugh said.

Faculty has vision

"In addition to the strides we made this year in research, teaching and outreach, I am particularly pleased with the vision our faculty has shown in developing a strategic plan for improving the intellectual qualities of our undergraduates through an even greater commitment to advising and inno-

ative and helps them revamp courses so that the "big picture" of the major concepts in a course stands out as well as the interconnectedness of the knowledge with related concepts and student experiences.

"Our goal is for our students to become reflective professionals who integrate knowledge with interaction skills to improve human welfare. To accomplish that we will emphasize collegewide intellectual goals for students, more common learning experiences and independent scholarly work including

focusing on research and outreach which will help maintain our reputation as the leading college in the nation in our area," Firebaugh noted.

Research projects

Research projects range from the cost and quality of health care, diet and disease, AIDS education, quality of the drinking water supply, school to work transition for high-school-age youth, adoption of special needs children, and the status of women in

Seven new faculty members, a lecturer, three senior extension associates and two extension associates came on board last year as well. The total external funding for research was more than \$1 million, a 5.2 percent increase from the previous academic year. The college has more than \$3 million in new awards and almost \$21 million in continuing awards. Some \$23 million is pending among 63 proposals, and with the college's 72 percent success rate on new research proposals, the dean is optimistic

About the college

- **The dean:** Francille Firebaugh has been dean since 1988.
- **Annual budget:** \$34 million
- **Enrollment:** 1,278 undergraduates; 223 graduate
- **Faculty:** 97
- **Agenda:** Improving undergraduate education and advising and strategic planning for continued national and global leadership in research and outreach.

vative teaching in a context of applied knowledge," said Firebaugh, who is beginning her second five-year term as dean.

The strength that the freshman class brings to the college already is robust: Human Ecology consistently ranks third among Cornell's seven undergraduate colleges. The mean SAT scores for entering freshmen, for example, are just behind those entering the colleges of Engineering and Arts and Sciences.

And contrary to some views on campus, one-third of the student body is male. In addition, 25 percent are students from minority backgrounds; international students now comprise more than one-third of the graduate student body.

In 1992, 16 new courses were added in the college combining or replacing existing courses, and almost a dozen faculty were honored for their teaching and research.

Strategic plan

"Looking to the future, our strategic plan calls for new ways to improve teaching and advising at all levels in the college," Firebaugh said. "We are now developing specific ways to encourage and promote higher quality teaching and advising, such as considering them more strongly in performance evaluations and developing reward and incentive programs for faculty improvement."

Grants, for example, would fund faculty proposals for improvements of teaching and salary increases, cash prizes and bonuses would reward faculty who commit additional efforts to improve their teaching and advising.

The college also is continuing several programs to enhance teaching and advising, such as identifying faculty to serve as peer mentors or consultants, establishing peer review of teaching and advising in every department, promoting opportunities for faculty to share their ideas and experiences and implementing quality improvement projects around student advising.

One unique project, the Teaching Fellows Program, now in its third year, involves regular meetings of selected faculty and administrators to improve undergraduate teaching. The program helps faculty view teaching in a more creative perspec-

Dean Francille Firebaugh

experiential learning," Firebaugh said.

Toward that end, the college offers extensive service learning activities; students this year filled such roles as educator for Native Americans in New Mexico, organizer of the Annual Chinatown Health Fair in Manhattan and nutrition coordinator for low-income elderly in Ithaca. The Urban Semester Program in New York City al-

'Our goal is for our students to become reflective professionals who integrate knowledge with interaction skills to improve human welfare. To accomplish that we will emphasize college-wide intellectual goals for students, more common learning experiences and independent work including experiential learning.'

— Dean Firebaugh

lowed almost 60 students, one-third from outside the college, to work for credit in New York and to study the multicultural dimensions of urban affairs last year.

Scores of students also were involved in honors and other research projects with faculty, studying topics ranging from interpersonal perception, malnutrition and cognitive development in children to the use of restraints in nursing homes, the design of residences for women and children with AIDS, and the cognitive effects of exposure to lead.

"Our strategic planning has also been

the workplace to the cognitive, biological and social aspects of development, psychopathology, work and family issues, and the improvement of school-age child care. In environmental design and technology, projects include the effects of spatial and ergonomic factors on employee performance, improving office lighting and ventilation systems to enhance employee health and productivity, developing computer-aided design and robotic systems to improve productivity in apparel design and textile manufacturing processes, using textiles for medical and engineering applications and developing computer technology to facilitate the interior design process and improve the quality of design decisions.

In addition, the Cornell Food and Nutrition Policy Program concentrates on the development of national economic and food policies in 24 nations around the world.

Multidisciplinary environment

"Each of our departments has faculty from different disciplines, spanning the natural and social sciences, engineering and design arts," Firebaugh pointed out. "This multidisciplinary intellectual environment is one of the distinctive characteristics of the college that benefits student learning as well as the creation of new knowledge."

A new dimension to college programs has been long-distance outreach efforts via state and national satellite networks, Firebaugh noted. Together, two conferences, one on the housing situation and the other on at-risk youth, were viewed at hundreds of sites around the country, allowing thousands of participants to interact with college experts. Other outreach projects include the long-standing efforts of the Family Life Development Center to prevent abuse and a new five-year gerontology study in the College's Life Course Institute.



Chris Hildreth/University Photography

that many will be funded.

In addition, the college secured a \$1 million gift to endow the position of the Director of the Cornell Early Childhood Program. This gift brings the total of newly endowed academic positions during the campaign to three. In addition, the college has reached a total of \$19.9 million in the Cornell Campaign, which includes \$6.7 million toward a \$10 million goal for endowments.

"I believe our college is distinctively

'We are now developing specific ways to promote higher quality teaching and advising, such as considering them more strongly in performance evaluations and developing reward and incentive programs for faculty improvement.'

— Dean Firebaugh

characterized by the quality of its research in the natural and social sciences and the design arts, a global perspective in academic programs, a preventive approach to contemporary societal problems, multidisciplinary departments and programs, development of leadership in students and citizens, and a commitment to diverse populations," Dean Firebaugh concluded.

"The breadth and depth of the college's activities, the vitality of our faculty and students, and the value of our academic programs in education, research and outreach to Cornell and society make me proud and encouraged to be part of such a dynamic institution."

Chinese composer to visit, introduce performance

By Carole Stone

Chinese modernist composer Bright Sheng will introduce his new "Concertino for Clarinet and String Quartet" and discuss his ideas about combining traditional Chinese music with Western music when he visits Cornell on Thursday, March 3.

Sheng will introduce the Chamber Music Society of Lincoln Center's 8:15 p.m.

Chamber Music Society to perform world premiere of Sheng's concertino

The Chamber Music Society of Lincoln Center will give the world premiere of Bright Sheng's "Concertino for Clarinet and String Quartet" on Thursday, March 3, at 8:15 p.m. in Statler Auditorium.

The composer, whose work was commissioned by the Chamber Music Society in celebration of its 25th anniversary, will make introductory remarks. This will be the third and last recital of this year's Statler Auditorium Concert Series.

The society, the permanent resident chamber ensemble of Lincoln Center's Alice Tully Hall, will also perform the Duo for Bassoon and Cello in B-flat Major, K 292 by Mozart; Four Pieces for Bassoon and Cello by Hindemith; Sonata for Bassoon and Piano in G Major, Op. 168 by Saint-Saens and the Quartet for Piano and Strings in C minor, Op. 15 by Faure.

The society's 14 distinguished core mu-

sicians work and perform together on a regular basis. Their invited guests are among today's outstanding performers, including Isaac Stern, Yo-Yo Ma, Andre Previn, Jean-Pierre Rampal and Dawn Upshaw.

The ensemble gives 50 concerts a year in New York City, presents a series of four concerts in Washington's Kennedy Center and tours throughout North America, Canada and Mexico. The group has also traveled to Australia and Japan in recent years.

The society's performances were broadcast on PBS' "Live from Lincoln Center" on several occasions. This past October, the society's opening concert of its silver anniversary season was televised nationwide.

Tickets for the concert are \$10 to \$17 for students and \$12 to \$20 for the general public. They are on sale at the Lincoln Hall ticket office Monday to Friday, 9 a.m. to 1 p.m., telephone 255-5144.

Sheng's concertino, which will be given its world premiere at Cornell, is based on fragments of Chinese folk tunes that the composer heard 20 years ago, during the Cultural Revolution, when he was sent to live in a province in northwest China.

"To my ear, the way I wrote it is very Chinese, but then I don't know how it will sound to a Western listener who doesn't know that folk music," Sheng said in a telephone conversation from his home in Seattle.

Most Chinese folk music is based on a five-tone scale (which is like playing only the black keys of a Western piano) and sounds very different from most Western music, which is based on seven tones. The music from northwest China is based on a seven-note scale and is similar to some Scottish or Appalachian folk music.

Among the composers Sheng admires most is Bela Bartok, who fused Hungarian folk music and high-culture German music, because "he managed to preserve the primitiveness and savageness of folk music annexed to high-culture art music. He mixed them and preserved them both. That was his greatest achievement," Sheng said.

Born in Shanghai in 1955, Sheng lost the piano he learned to play at age four when Red Guards confiscated it, along with his father's collection of Western records and other "bourgeois possessions," during the Cultural Revolution that started in 1966.

At 15, he was sent to Chinghai Province, on the border with Tibet, to bring Chinese culture to the supposedly enlightened people there. For eight years, he studied the folk music of Tibet and Mongolia while conducting a small music and dance troupe. The musical arrangements he made for the troupe led him to composing.

In 1978, two years after the end of the revolution, he enrolled in the newly re-

opened Shanghai Conservatory of Music where he studied Chinese music systematically. In 1982, he moved with his parents to New York City and enrolled at Queens College. With other expatriate Chinese, he studied music at Columbia University, and Chou Wen-chung, Hugo Weisgall and Leonard Bernstein were among his teachers.

He was made composer-in-residence by The Lyric Opera of Chicago, which premiered his opera, "The Song of Majnun," and the Seattle Symphony, where he is now.

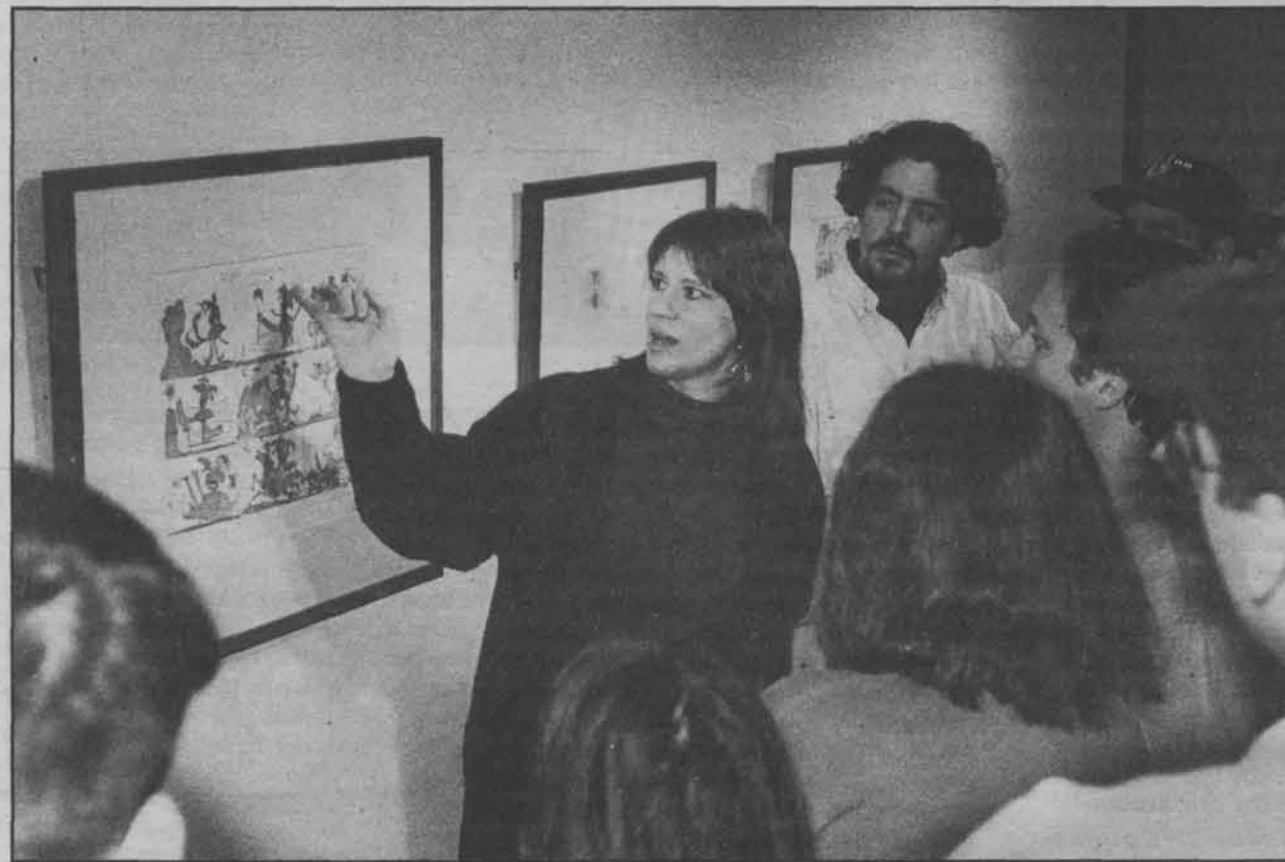
His most famous work, written in 1987, the year he became an American citizen, is "H'UN (Lacerations): In Memoriam 1966-76," an angry and sad piece about the Cultural Revolution.

Sheng once asked his teacher, Leonard Bernstein, if he thought a fusion of Eastern and Western music was possible. Bernstein replied, "What do you mean fusion? Stravinsky is fusion. Shostakovich is fusion. Debussy is fusion. Brahms is fusion with folk music. I'm fusion. Of course it's possible."

But as Sheng says, for Bartok and Leos Janacek and other European composers, the fusion was not so difficult to achieve: "For Chinese musicians to have an authentic understanding of Western music is extremely difficult, and most do not," he said. "What you do reflects how much you know."



Sheng



Cathy Rosa Klimaszewski, director of the Johnson Museum's education programs, talks to Spanish students about prints by Spanish artist Pablo Picasso at the museum recently. Senior Ryan Washburn is facing the camera.

Peter Morenus/University Photography

Johnson Museum acquires an Eakins

By Darryl Geddes

The Herbert F. Johnson Museum of Art at Cornell reported a large number of major acquisitions last year. The most significant piece among the 200 new works is a small portrait of a nude by the American painter Thomas Eakins.

The piece, *Study of a Model* (ca. 1867), is the only painting by Eakins in the museum's permanent collection. (An Eakins photograph of Walt Whitman is part of the collection.)

"The small but powerful piece elevates the museum's collection to a new level," said the museum's director, Franklin W. Robinson.

"The painting is notable for its thick scumbled impasto and slightly off-center twist of body and head," Robinson said. "The layers of paint in the flesh tones, the touches of color such as the red headband and the intense working and reworking around the head testify to the importance of this study to the young artist and the seriousness of his commitment."

Other acquisitions to the permanent collection include a Japanese six-fold screen from the 17th century; a major collection of Chinese and Japanese cloisonne; a Javanese kris; a portrait by the English photographer Julia Margaret Cameron; and works by Alfonso Ossorio, Philip Guston and Richard Estes.

Museum officials said recent changes in the tax law, which permit contributors of art to deduct current full-market value for their gifts, helped fuel the upswing in art donations.

In addition, according to the museum's annual report, museum attendance increased by 5,000 to 71,000 in 1992-93, due, in part, to the success of several exhibitions. Key exhibitions included a retrospective show of environmental artist Agnes Denes (Aug. 18 - Oct. 25, 1992); In Medusa's Gaze: Still Life Paintings from Upstate New York Museums (Oct. 3 - Nov. 29, 1992), which featured still-lives from the collections of six upstate New York art museums; Our Land/Ourselves: American Indian Contemporary Artists (Nov. 3-Dec. 16, 1992), which included work by Cherokee artist Kay WalkingStick, Cornell assistant professor of art; and Chemistry Imagined (March 19-June 13, 1993), an exhibition of collages and watercolors by Vivian Torrence and poetry and essays by Roald Hoffmann, the John A. Newman Professor of Physical Science and professor of chemistry at Cornell.



Thomas Eakins' *Study of a Model* was the most significant acquisition for the Johnson Museum last year.

Johnson Museum continued from page 1

ship among art, literature and politics. Language classes stroll through the museum's galleries practicing their foreign conversation while math classes explore geometry using paintings and sculpture.

The museum is not just a field trip destination anymore; it's an active learning environment where programs are created specifically for the class lesson plan.

"We can make almost any piece of art from our permanent collection, not just those in our current exhibitions, available to any class that meets in the museum," said Cathy Rosa Klimaszewski, the Ames Curator of Education who directs the museum's education programs.

The Goya and Picasso prints used in the recent Spanish literature class were pulled from museum storage especially for the students. The prints were then mounted on the wall and discussed as students examined the art from every vantage point.

The education staff worked with the teachers of a Freshman Writing Seminar to arrange a gallery session linking paintings in the museum's European galleries with John Berger's *Ways of Seeing*, a text students were studying in class.

Educational opportunities at the museum have grown since the creation of the curator of education position, which did not exist before 1991.

In addition, a recent \$190,000 grant from the Andrew W. Mellon Foundation provided funding to hire two additional education coordinators.

"The Mellon support has benefited us greatly," Klimaszewski said. "We've been able to provide more and broader teaching opportunities for faculty."

Cornell students are not the only beneficiaries of the museum's educational programming. Area elementary and secondary schools as well as other colleges and universities all have held classes at the Johnson Museum.

The growth in educational programming at the museum is pleasing news to Cornell's central administration, which contributed more than \$1 million to the museum's annual budget.

"The museum is an integral part of the university's educational mission through its effective service to both students and faculty and to the community," said Larry Palmer, vice president for academic programs and campus affairs.

Bosnian student asks for support for her country

By Carole Stone

"Please don't forget us!" pleaded Jasmina Burdzovic, 22, a student from Bosnia.

She was speaking to Cornell students who gathered in the Anabel Taylor Chapel Feb. 15 to lend support to BosniAid, an international student effort organized by campus Hillel foundations nationwide.

"My country and my people don't deserve what is happening to them. I can find no reason for the shelling and the killing there," said Burdzovic, who was enrolled at Tompkins Cortland Community College earlier this month through the efforts of the Nyack, N.Y.,-based Fellowship for Reconciliation.

Earlier in the evening, Wayles Browne, Cornell associate professor of linguistics who teaches Slavic languages and is one of Burdzovic's sponsors in Ithaca, reminded listeners that there is an explanation for the war in Yugoslavia that has killed 200,000 people in the last two years and made refugees of 2 million more. But it is not the explanation most often given.

"Some say the war in Bosnia is caused by ancient hatreds, but there didn't used to be ancient hatreds there, among Serbs, Croats, Muslims and Jews. The killing is not even due to the breakup of Yugoslavia," Browne said.

"The war is due largely to an expansion of Serbian nationalism kindled by particular politicians among the Serbs in Serbia and the Serbs in Croatia and in Bosnia," he said.

The first shots in Bosnia were fired by Serbians against unarmed peace demonstrators in Sarajevo, Browne said.

"It is a mistake to believe that all sides are equally guilty in the conflict. To put it epigrammatically: Some of the things Bosnian forces have done in the last year are wrong,



Jasmina Burdzovic, a native of Bosnia-Herzegovina, talks with Wayles Brown, center, associate professor of Modern Languages and Linguistics, and Rabbi Laurence Edwards in Anabel Taylor Chapel before speaking to students on the war in Bosnia.

many of the things Croats have done in the last two years are wrong and all of things Serbians have done in the last four years are wrong," Browne said.

Given the policies of many governments, including the U.S. government under presidents Clinton and Bush, both Browne and Burdzovic said they are counting on help from individuals, not governments.

"I believe that small groups of people can do more than governments or states," Burdzovic said. "We are ordinary people, and we can expect help from other ordinary people. It seems that world powers have forgotten about us."

Burdzovic is one of eight Bosnian students who have been brought to the United States to continue their studies by the Fellowship for Reconciliation.

The Feb. 15 gathering at Anabel Taylor Hall was co-sponsored by Cornell's Arab Club and the Ithaca chapter of Amnesty International. Participants watched videotapes from Sarajevo, listened to readings and sent postcards to N.Y. congressmen. About 30 people attended.

Those who wish to contribute to the campaign for Bosnia and to support Ithaca's Bosnian Student Project should call Rabbi Laurence Edwards at the Hillel office, 255-4227.

Klezmer Revival to play benefit

A young Cornell-connected klezmer band, Cayuga Klezmer Revival, will perform a benefit for Ithaca's Bosnian Student Project on Saturday, Feb. 26, at 7:30 p.m. in the One World Room, Anabel Taylor Hall.

Proceeds will help support Jasmina Burdzovic, 22, a student from Bosnia now enrolled at Tompkins Cortland Community College. A \$4 donation is requested.

"Klezmer music is a mixture of Central and Eastern European folk music, also influenced by Chasidic and Middle Eastern musical traditions," said Susan Stolovy, a classically trained violinist and fifth-year physics graduate student who started Cayuga Klezmer Revival last fall.

"We play songs from Russia and the Ukraine, Romanian songs and Hungarian songs, all adapted by the Jews of Eastern Europe. The music expresses a wide range of emotions. Many songs are joyous and poignant at the same time," she added.

One of the songs the band will play, Alle Brider, or All Are Brothers, is especially fitting for a concert to benefit Bosnia.

"Playing and hearing this music is a deeply moving and joyous experience, and I am happy to be able to share it with people," said Will Fudeman, an apprenticeship coordinator at the CRES Learning Web and the band's mandolin player.

Other band members are Bennett Kottler, a fourth-year graduate student in environmental toxicology who plays guitar; Dan Muscat, a graduate student in resource economics and a bass player; Seth Kibel, a sophomore majoring in music and American studies who plays clarinet and flute; and Jason Warshof, a freshman who plays the drums. Joining the group to sing two songs at their Feb. 26 concert will be Ithaca resident Mona Sulzman.

For more information, call Stolovy at 257-5417.



Cayuga Klezmer Revival is, from left, back row: Susan Stolovy, Will Fudeman, Jason Warshof and Dan Muscat, and front: Seth Kibel and Bennett Kottler.

Museum offers Winterfest '94

The Herbert F. Johnson Museum of Art is presenting a celebration of the arts during the heart of Ithaca's frigid winter.

Winterfest '94 - A Celebration of International Arts will be held Feb. 26, 11 a.m. to 4 p.m., and will be free and open to the entire community. The theme is art forms from around the world. The programs, tours and workshops will offer events for both adults and children and will include programs on the visual arts, music and prose.

Highlights of the schedule include a medieval calligraphy demonstration by Lisa Romm and a performance by a gospel choir. Programs will also be offered on Hindi script and fresco and oil painting. Children will be entertained by a printmaking workshop, a storytelling session with Karen Libman and a wandering mime. Snacks and refreshments will be served free of charge at noon.

For more information contact the Museum at 255-6464.

Women's History Month features one-woman show

By Carole Stone

"Fannie Lou Hamer: This Little Light . . ." a performance piece by MacArthur "genius award" winner Billie Jean Young, will be presented on Friday, March 11, and Saturday, March 12, at 7:30 p.m. in the Film Forum of Cornell's Center for Theatre Arts.

The one-woman show on the life of Mississippi Delta freedom fighter Fannie Lou Hamer is part of a monthlong series of events celebrating Women's History Month.

"Women's Lives and Feminist Biography" will include lectures on the anarchist and labor organizer Rose Pesotta; Lady Nijo, a chronicler of medieval Japan; Amelia Earhart, the most popular woman flier of her time; and Sappho, the ancient Greek poet from Lesbos, from which the word "lesbian" derives.

The story of Hamer, the 20th child of a sharecropping family who became a Civil Rights leader of the 1960s, includes these words: "If the Black folks fight for theyself, and the white folks fight for theyself, we both is gonna crumble apart. These is things

we gon' have to fight for together in America and I'm perfectly willing to help make my country what it needs to be."

Young, who portrays Hamer on stage, has been directing community theater in her native Alabama since 1969. She has founded two community theaters, worked as a director and given performances of her Hamer piece in 27 states, Central America and the Caribbean. The Smithsonian's National Museum of American History has a tape of the Hamer piece in its archives.

Tickets for Young's performance are \$7 in advance and \$8 at the door. They are available from the Center for Theatre Arts box office. Women's History Month lectures are free. The schedule of lectures is:

- March 1, 7:30 p.m., ILR Faculty Lounge (Ives Hall): "Rose Pesotta: Anarchist and Labor Organizer," presented by Elaine Leeder, professor of sociology and social work and chair of sociology at Ithaca College and the author of the 1993 biography, *The Gentle General: Rose Pesotta, Anarchist and Labor Organizer*.
- March 8, 7:30 p.m., Ives Hall 215:

"Lady Nijo: Lady of the 13th Century Japanese Court and Traveller," presented by Karen Brazell, Cornell professor of Asian Studies and translator of Lady Nijo's travel journals.

- March 16, 7:30 p.m., Ives Hall 120: "Amelia Earhart," presented by Susan Ware, who teaches history at New York University and wrote the 1993 biography *Still Missing: Amelia Earhart and the Search for Modern Feminism*, which investigates why the popular press picked Earhart to become an icon at a time when several women were breaking flying records.

- March 29, 7:30 p.m., Ives Hall 110: "Sappho: Poet from Lesbos," presented by Jane Snyder, professor of classics at Ohio State University and author of books on women poets of antiquity and on ancient Greek music. She will present a slide lecture on what is known and unknown about Sappho's life, poetry and song.

Co-sponsoring "Fannie Lou Hamer" are Cornell's Center for Theatre Arts, Cornell Council on the Arts and the Women's Studies Program.

CALENDAR

from page 12

music

Music Department

• Fortepianist Andrew Willis, assisted by cellist Stephanie Vial, violist Mark Barsamian and flutist Steven Zohn, will give a concert of 18th century German music on Feb. 24, 8:15 p.m., Barnes Hall. Willis and Vial will perform J.C.F. Bach's "Sonata in D Major for Cello and Piano." Also featured will be C.P.E. Bach's "Quartet in G Major." As soloist, Willis will perform works by G. Muthel, J.G. Albrechtsberger, J.A. Benda and E.W. Wolf.

• Please note that the concert with Adam Juran scheduled for Feb. 25 has been postponed.

• The Harvard Glee Club, at the invitation of the Cornell Chorus, will give a concert Saturday, Feb. 26, at 8:15 p.m. in Sage Chapel. The concert will feature works by Bernstein, Britten, Hindemith and Ockeghem, in addition to folk songs and traditional Harvard tunes. The Cornell Chorus will be conducted by Ron Schiller. Tickets are \$5 in advance, \$6 at the door and are available at the Willard Straight Hall ticket office and the Lincoln Hall ticket office.

• On Tuesday, March 1, at 8:15 p.m. in Barnes Hall, Cornell pianist Blaise Bryski will play on the fortepiano works by Burton, J.C. Bach, Mozart, Haydn and Clementi.

Cornell Concert Commission

The Cornell Concert Commission is proud to present the Cowboy Junkies in concert Sunday, Feb. 27, at 8 p.m. Tickets are \$7 and \$9 for students and \$9 and \$11 for the general public. They are available at Willard Straight Hall ticket office, Rebop Records and Ithaca Guitar Works.

Bound for Glory

Feb. 27: Sparky Rucker will perform traditional American folk and blues from the black perspective in two 45-minute sets at times to be decided later in the Commons Coffeehouse in Anabel Taylor Hall. Admission is free, and children are welcome. Bound for Glory can be heard Sundays from 8 to 11 p.m. on WVBR-FM, 93.5.

religion

Sage Chapel

Isaac Bivens, dean of the chapel, Dillard University, will give the sermon Feb. 27 at 11 a.m. Music by the Sage Chapel choir, under the direction of Thomas Sokol, and William Cowdery, Sage Chapel organist. Sage is a non-sectarian chapel that fosters dialogue and exploration with and among the major faith traditions.

African-American

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

Baha'i Faith

Tuesdays, 8:15 a.m. prayers, Loft 3, Willard Straight Hall. Fridays, 7 p.m., speakers and open discussion, meet at the Balch Archway. Sunday morning dawn prayers. For details, call 253-2401.

Nussbaum named Messenger Lecturer

Martha C. Nussbaum, professor of philosophy and classics and adjunct professor of comparative literature at Brown University, has been named the Messenger Lecturer at Cornell for spring 1994.

Nussbaum has presented two lectures and will present four more – Feb. 24, March 1, 2 and 3 – on "Upheavals of Thought: A Theory of the Emotions." Lectures, free and open to the public, begin at 4:30 p.m. in Room 110 Ives Hall. They are:

Week I: Need and Recognition – "Compassion in Public Life," Feb. 24.

Week II: Ascents of Love – "Contemplative Creativity: Plato, Spinoza, Proust," March 1; "Romantic Striving: Mahler, Bronte," March 2; "The Transfiguration of Everyday Life: Joyce," March 3.

A scholar of classical philosophy, Nussbaum is author of *Love's Knowledge: Essays on Philosophy and Literature* (Oxford University Press, 1990), *The Fragility*

of Goodness: Luck and Ethics in Greek Tragedy and Philosophy (Cambridge University Press, 1986), as well as numerous articles.

Prior to joining Brown University in 1984, Nussbaum taught at Harvard University and Wellesley College. A member of the American Academy of Arts and Sciences, Nussbaum earned a bachelor's degree from New York University, Washington Square College (1969), and master's and doctoral degrees from Harvard University (1971, 1975). She was a junior fellow in the Society of Fellows at Harvard University (1972-75) and an honorary member of the Senior Common Room at St. Hugh's College, Oxford University (1973-74).

The Messenger Lectures were established in 1924 by a gift from Hiram Messenger, who graduated from Cornell in 1880.

The purpose of the series is to raise the "moral standard of our political, business and social life."

Former Polish prime minister to visit

Former Polish Prime Minister Krzysztof Bielecki will give a talk on "The Place of Eastern Europe in an Integrated Europe" on Feb. 25 at 1:30 p.m. in 401 Warren Hall.

Bielecki, who served as prime minister in 1991, was an adviser in 1989 to Lech Walesa's government, the first post-Communist elected administration. He is now Poland's Minister of European Cooperation, and like his counterparts in Hungary and the

Czech and Slovak republics, he heads his country's efforts to be included in the European Community.

Bielecki's visit is co-sponsored by Cornell's Institute for European Studies and the departments of agricultural economics, government and rural sociology. For more information call Professor Valerie Bunce, director of the Slavic and East European Studies Program, 255-7592.

Israeli ambassador will lecture March 7

Colette Avital, Israel's highest-ranking woman diplomat, will visit Cornell University on Monday, March 7, to give a lecture on "The Politics of Peace" at 8 p.m. in Goldwin Smith Hall Lecture Room "D."

Ambassador Avital currently serves as Israel's Consul-General in New York City, a position that Israel considers its fourth-highest ambassadorial post – after Washington, D.C., London and Paris.

She has held a variety of foreign ministry posts, including deputy director of information, director of training and deputy director-general in charge of information and the media. In 1986, Avital led the ministry's efforts to upgrade the status of women in the diplomatic services. In 1988, after a distinguished record of postings in Brussels, Paris, Montreal and Boston, she was appointed ambassador to Portugal.

Born in Bucharest, Romania, she emigrated to Israel at the age of 10. After army service, she joined Israel's Ministry of Foreign Affairs while completing a bachelor's in political science and English literature at the Hebrew University of Jerusalem.

During her postings abroad, Avital earned two advanced degrees: a master's degree in English literature from the University of Montreal and a master of public administration from Harvard University, the latter while serving as consul and acting consul-general in Boston.

An expert in media relations and cultural affairs, she is fluent in English, Hebrew, French, Portuguese, Italian, German and Romanian.

For more information about her visit, call Rabbi Laurence Edwards, director of Cornell Hillel, 255-4227.



David Lynch-Benjamin/University Photography

Left to right, Valerie Guilfoyle, Sadie Foster, Kathleen Mulligan and Richard Pelzman rehearse a scene in Caryl Churchill's "Mad Forest," playing through Feb. 26 at the Center for Theatre Arts.

Catholic

Weekend Masses: Saturday, 5 p.m.; Sunday, 9:30 a.m., 11 a.m. and 5 p.m., Anabel Taylor Auditorium. Daily Masses at 12:20 p.m. in Anabel Taylor Chapel. Sacrament of Reconciliation, Saturday, 3:30 p.m., G-22 Anabel Taylor Hall. Stations of the Cross: Feb. 25, 4 p.m., chapel.

Christian Science

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

Episcopal (Anglican)

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

Friends (Quakers)

Sundays, 9:45 a.m., adult discussion; 11 a.m., meeting for worship, Edwards Room, Anabel Taylor Hall.

Jewish

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

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

Feb. 24: Purim Megillah Reading: Conservative/Reform, 7 p.m., One World Room, Anabel Taylor Hall; Orthodox, 7:15 p.m., Edwards Room, ATH. Latke-Hamantasch Debate following Megillah reading, One World Room, ATH.

Feb. 26: Klezmer Party, fund-raiser for Bosnia, 7:30 p.m., One World Room, ATH; 9:30 p.m., Purim Party, Kosher Dining Hall.

Korean Church

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

Muslim

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

Protestant Cooperative Ministry

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

Sri Satya Sai Baba

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

Zen Buddhist

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

seminars

Applied Mathematics

"Configuration Spaces of Linkages," Robert Connelly, mathematics, March 1, 12:20 p.m., 708 Theory Center.

Astronomy & Space Sciences

"Surveys for High-Redshift Quasars," Donald P. Schneider, Institute for Advanced Study, Feb. 24, 4:30 p.m., 105 Space Sciences.

"How Ordered, Strong and Widespread Are Galactic and Intergalactic Magnetic Fields? Recent Trends in Observation and Theory," Philipp Kronberg, University of Toronto, March 3, 4:30 p.m., 105 Space Sciences.

Biochemistry

"Recombinant Halophilic Malate Dehydrogenase. Protein Hydration and Cosolvent Interac-

tions," Henryk Eisenberg, Weizmann Institute, Feb. 25, 4 p.m., large conference room, Biotechnology Building.

Chemical Engineering

"Deuterium NMR Studies of Polymer Networks," Edward Samulski, University of North Carolina, Chapel Hill, March 1, 3:45 p.m., 165 Olin Hall.

Chemistry

"Large Amplitude Motions in Triatomic Molecules," Martin Sage, Syracuse University, Feb. 28, 12:15 p.m., 125 Baker.

Cognitive Studies

"Lexicalized Grammars – Lexicalized Tree-Adjoining Grammars," Aravind Joshi, University of Pennsylvania, March 3, 4:30 p.m., 106 Morrill Hall.

Ecology & Systematics

"Mechanistic Ecology and the Regulation of Ecological Biodiversity," Mathew Leibold, University of Chicago, March 2, 4 p.m., A106 Corson Hall.

Electrical Engineering

"Towards an Optical C-V Procedure," John Lowell, Advanced Micro Devices, March 1, 4:30 p.m., 219 Phillips Hall.

Environment Center

"An Indian Perspective on the Climate Change Debate," R.K. Pachauri, Tata Energy Research Institute, New Delhi, India, Feb. 28, 3:45 p.m., 401 Warren Hall.

Environmental Stewardship

"Healthy Forests and Healthy Forestry: Are They Compatible?" Doug Allen, College of Environmental Science and Forestry, March 1, 12:20 p.m., 304 Fernow Hall.

Epidemiology

"Sampling Molds of the Vine," Robert Seem, plant pathology, Geneva, Feb. 28, 12:20 p.m., NG03 Martha Van Rensselaer Hall.

European Studies

Ethnicity Seminar, Feb. 24, 12:15 p.m., 153 Uris Hall.

Fruit & Vegetable Science

"Exploring Horticulture in Human Culture," Marcia Eames-Sheavly, extension associate, Feb. 24, 4 p.m., 404 Plant Science Building.

"Horticultural Research and Extension in Northern Europe," H. Christian Wien, fruit & vegetable science, March 3, 4 p.m., 404 Plant Sciences.

Hazardous Waste Toxicology

"Environmental Contaminants as a Source of Neurobehavioral Disorders," Bernard Weiss, University of Rochester Medical Center, March 2, 12:20 p.m., 135 Emerson Hall.

Hotel Administration

"Transformational Leadership in the Hospitality Industry," Timothy Hinkin, Hotel School, Feb. 28, 4 p.m., 190 Statler Hall.

Latin American Studies

"The Indigenous Caribbean: Persistence of Culture," Jose Barreiro, Akwe:kon Press, March 1, 12:15 p.m., 153 Uris Hall.

Materials Science & Engineering

"High Resolution Electron Microscopy of High Performance Polymers," Dave Martin, University of Michigan, Feb. 24, 4:30 p.m., 140 Bard Hall.

Ceramics Afternoon: "Charged Layers at Surfaces and Internal Boundaries" is the topic Feb. 25, beginning at 2:20 p.m. in 140 Bard Hall. Speakers

Continued on page 11

CALENDAR from page 10

include: "Short Overview of Origin of Space Charge Regions at Interfaces," Jack Blakely, materials science & engineering; "Space Charges at Interfaces in Semiconducting Oxides," Yet-Mint Chiang, M.I.T.; "Ionic Space Charge and the AgX Surface," Yen T. Tan, Kodak Research Laboratories; and "Measurement of Oxygen Activity Modulated Space Charge Potential at Metal-Insulator Interfaces," Bill Mattingly, materials science & engineering.

Microbiology

"Oxygen in Bacterial Respiration: Oxidant, Poison and Switch," Robert Poole, King's College, London, Feb. 24, 4 p.m., large conference room, Biotechnology Building.

"Probing the Mechanism of Transcription Initiation by *E. coli* RNA Polymerase," Lilian Hsu, Mt. Holyoke College, March 3, 4 p.m., large conference room, Biotechnology Building.

Natural Resources

"Spatial Dynamics of Predators and Prey in the Great Lakes," Steve Brandt, Buffalo State University, March 2, 3:35 p.m., 304 Fernow.

Neurobiology & Behavior

"Mechanisms Underlying Prolonged Changes in the Neuronal Excitability and Behavior of *Aplysia californica*," Gisela Wilson, University of Wisconsin, Feb. 24, 12:30 p.m., A106 Corson Hall.

Operations Research & Industrial Engineering

"Two Perspectives on Engineering and the Law," George Dentes, Tompkins County district attorney, and Barry Evans, Curtis, Morris & Safford, Feb. 24, 4:30 p.m., 155 Olin Hall.

"Motion Control Architecture Standardization as a Strategic Investment for U.S. Industry Competitiveness," Peter DiGiulio, Pitney Bowes, March 3, 4:30 p.m., 155 Olin Hall.

Ornithology

"Things That Go *Zhuwup* in the Night," Bill Evans, Laboratory of Ornithology, Feb. 28, 7:45 p.m., Fuertes Room, 159 Sapsucker Woods Road.

Physiology & Anatomy

"Neuromuscular Organization for Flight in Birds: Insights and Complications," Ted Goslow, Brown University, March 1, 4 p.m., Lecture Hall II, New Veterinary Teaching Center.

Plant Biology

"Phytomedicines From the Rain Forest and Their Possible Use by Wild Apes," Eloy Rodriguez, University of California at Irvine, Feb. 25, 11:15 a.m., G10 Biotechnology Building.

Plant Breeding & Biometry

"Genetics of Resistance to *Alternaria brassica* and *Brassica oleracea*," Steve King, graduate student, March 1, 12:20 p.m., 135 Emerson Hall.

Plant Pathology

"Hypovirulence in *Sclerotinia*," Greg Boland, University of Guelph, Feb. 24, 3 p.m., A133 Barton Laboratory, Geneva.

"High-resolution Disease Forecasting: A Marriage of Models and Geographic Information Systems," Bob Seem, plant pathology, March 3, 3 p.m., A133 Barton Laboratory, Geneva.

Psychology

"Auditory Patterns and Motor Control," Richard Jagacinski, Ohio State University, Feb. 25, 3:30 p.m., 202 Uris Hall.

Rural Sociology

"The Return of the Southern Question: Regional Inequality and Italian Economic Development," John Agnew, Syracuse University, Feb. 25, 3:30 p.m., 32 Warren Hall.

Science & Technology Studies

"Women's Participation in the Military: What Role for Technology," Judith Reppy, Peace Studies, Feb. 28, 4:30 p.m., 609 Clark Hall.

Sloan Program

"A Sociological Theory of Health," Frank Young, rural sociology, Feb. 24, 4 p.m., 114 Martha van Rensselaer Hall.

Southeast Asia Program

"Languages of Indonesia and Cross-Linguistic Sound Patterns," Abigail Cohn, linguistics, Feb. 24, 12:20 p.m., Kahin Center, 640 Stewart Ave.

"Voices from S-21: The Pathology of Terror in Pol Pot's Cambodia," David Chandler, Monash University, Australia, and Woodrow Wilson International Center, Washington, D.C., March 3, 12:20 p.m., Kahin Center, 640 Stewart Ave.

Stability, Transition & Turbulence

"Study of Transition Features in Wake Flows, by Means of Numerical Simulation," Marianna Braza, Institut de Mecanique des Fluides, Toulouse, France, March 1, 12:30 p.m., 178 Theory Center.

Textiles & Apparel

"Polymer Nano Composites," textiles and apparel, Feb. 24, 12:20 p.m., 317 MVR Hall.

"Anthropometrics in Apparel," Susan Ashdown,

textiles and apparel, March 3, 12:20 p.m., 317 MVR Hall.

Theoretical & Applied Mechanics

"The Dynamics of Planet Formation," Evgeniy Levin, University of Minnesota, March 2, 4:30 p.m., 205 Thurston Hall.

symposiums

CUSLAR

A forum to discuss the indigenous uprising in Chiapas, Mexico, will be held on Feb. 24 at 7 p.m. in the Commons Coffeehouse, Anabel Taylor Hall. Students and professors from several area universities and colleges will lead the forum, "The Uprising in Chiapas: A Forum for Information and Discussion."

Law School

The Law School's International Law Journal will hold its 1994 symposium on resolving trade and environment conflicts through environmental reform of the General Agreement on Trade and Tariffs (GATT). "Greening the GATT: Setting the Agenda" will be held Saturday, Feb. 26, from 9 a.m. to 6 p.m. in the MacDonald Moot Court Room of Myron Taylor Hall.

theater

Theatre Arts

"Mad Forest" by Caryl Churchill is a play that takes a penetrating look at the recent revolution in Romania. Created with a group of student actors from England, the play focuses on the members of two extended families and the nightmarish world of events in which every illusion can become a reality and every reality may vanish in illusion. Performance dates are Feb. 24, 25 and 26 at 8 p.m. and Feb. 26 at 2 p.m. in the Class of '56 Flexible Theatre, Center for Theatre Arts. Tickets are \$6 and \$8.

miscellany

ACSW Meetings

The Advisory Committee on the Status of Women regularly holds brown bag luncheons open to the entire community on the fourth Tuesday of each month. For more information, contact Risa

Lieberwitz, associate professor of industrial and labor relations, ACSW chairwoman, at 255-3289.

Alcoholics Anonymous

Meetings are open to the public and will be held Monday through Friday at 12:15 p.m. and Saturday evenings 7 p.m. in Anabel Taylor Hall. For more information call 273-1541.

Amnesty International

The Cornell chapter of Amnesty International is holding a write-a-thon on Feb. 25 from 10 a.m. to 3 p.m. in the Memorial Room of Willard Straight Hall.

Arts and Crafts Fair

Twenty-six of the region's greatest crafters and artisans will be in the Memorial Room of Willard Straight Hall from Feb. 28 through March 2 from 10 a.m. to 7 p.m. selling their handmade specialty items. Contact the Student Activities Office at 255-4169 for information.

Writing Workshop

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

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

• Robert Purcell Community Center Conference Room 2: Sunday through Thursday, 8 to 11 p.m.

• 304A Noyes Center: Sunday through Thursday, 8 to 11 p.m.

sports

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

Men's Basketball (7-15)

Feb. 25, at Dartmouth, 6 p.m.
Feb. 26, at Harvard, 6 p.m.

Women's Basketball (6-16)

Feb. 25, DARTMOUTH, 6:30 p.m.
Feb. 26, HARVARD, 6:30 p.m.

Women's Fencing (2-7)

Feb. 26, N.I.W.F.A. Champs. at Brooklyn College

Women's Gymnastics (0-1)

Feb. 26, at Pennsylvania w/Brown and Ursinus, 1 p.m.

Men's Hockey (5-13-5)

Feb. 25, PRINCETON, 7:30 p.m.
Feb. 26, YALE, 7 p.m.

Women's Polo

Feb. 26, GARRISON FOREST, 8:15 p.m.

Men's Squash (5-10)

Feb. 26-27, ISA Team Champs. at Yale

Men's Swimming (5-6)

March 3-5, Easterns at Army

Women's Swimming (6-5)

Feb. 24-26, Easterns at Princeton

Men's Indoor Track (5-6)

Feb. 26-27, Heptagonals at Harvard

Women's Indoor Track (8-1)

Feb. 26-27, Heptagonals at Harvard

Larsen's desire and work ethic inspire swimmers

By Andrew D. Moore '97

Sixteen years ago, in the land-locked, Midwest state of Nebraska, a new swimmer was unknowingly about to embark on a long and illustrious career. That swimmer was Charlie Larsen.

"I was 6 years old when I started," said Larsen, now a senior swimmer for Cornell. "There was a really good U.S.S. (United States Swimming) Club near my house, so I started there with my two older brothers."

Sixteen years later the Big Red co-captain is enjoying his final season in the pool. Earlier in the year, Larsen had a five-meet win streak in his main event, the 200 backstroke, a feat which he attributes to training.

"Every practice has been a challenge in itself. It was a constant training performance," said the Lincoln, Neb., native. "Coach Lucia inspired the team to work every week and try its hardest."

Head Coach Joe Lucia agrees that Larsen's success is due to his hard work.

"He does the extra work. He runs a lot and works on his own," said the Big Red swim coach, now in his seventh year at the helm. "That he's learned. That's something that came through maturity."

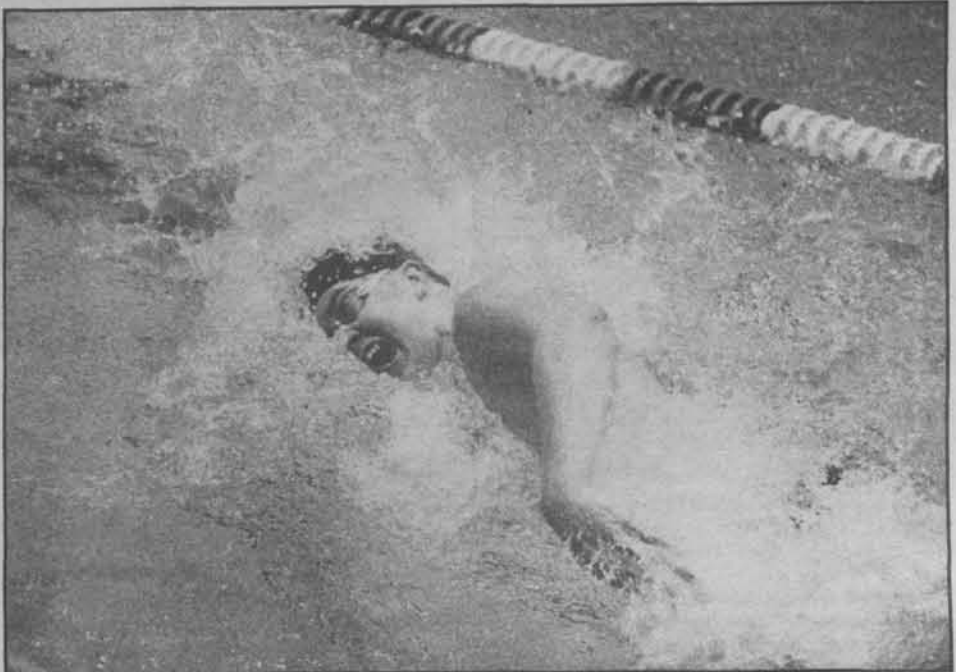
The extra work has obviously helped Larsen during his four years at Cornell. According to Lucia, "He didn't really come in here as a great talent. He's improved a lot."

In last year's Eastern meet, Larsen swam to the second-best time ever for the Big Red in the 200 backstroke with a time of 1:51.00. He also achieved another second-best with a time of 4:02.03 in the 400 IM.

But even Larsen admits that pushing himself to work harder isn't easy.

"It was hard to come back as a senior," he said, "but it's all the dedication of the older swimmers when I was younger that's driven me to come back and finish up."

However, Larsen's role on the swim team is more than just to win races. He helps with



Tim McKinney

Charlie Larsen

recruiting and wants the team to get better.

"He's one of those guys who's been most committed to the growth of the team," said Lucia. "He understands about recruiting. He's never been more into himself than the team."

In fact, when talking about his best moment at Cornell, Larsen doesn't point out a certain race that he won. Instead, he talks about an entire meet.

"This year when Coach Lucia was snowed in at Dartmouth, we had to swim against Navy without him," said Larsen, smiling. "We won every individual event but one. It was great to call up coach afterwards and tell him we had won."

It is the leadership of Larsen and teammate Sean Maher that has gotten the Big Red through times like this.

"Sean and Charlie have really contributed," said Lucia. "Without them the team

loses leadership."

As Larsen's final season comes to an end, the senior in the College of Human Ecology says he has big plans for the future.

"I'll take a year off to work in New York City or Philadelphia," Larsen said. "Then next year I'll go to medical school to become a family doctor."

And as Larsen looks back over his years at Cornell, one person stands out in his mind.

"I'd like to thank Sean Maher," said Larsen. "Thank him for standing by me for four years. We did this together."

Though striving to improve over the last four years has been a struggle, Larsen has done it with his strong desire to succeed. In doing this, he has not only helped himself, but his younger teammates, as well. It is in this respect that Larsen has left his mark in Cornell history.

CALENDAR

February 24
through
March 3

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

All events are open to the public and are free unless otherwise noted. Beginners are welcome, and no partner is needed. For information, call 387-6547.

Sunday, Feb. 27: International ballroom dance, coordinated by David Nulle, 7:30 to 8:30 p.m., workshop on Russian ballroom dances; 8:30 to 11:30 p.m., ball with a Russian theme. Prizes are offered for the best costume and historic "look-alike." Please bring light refreshments.

CU Jitterbug Club

Fee charged. Open to all ages. No partner needed. For information, call Bill at 273-0126.

Intermediate Jitterbug, Tuesdays, Level I - 7:15 p.m., Level II - 8:30 p.m., at 209 N. Aurora St.

Beginning Jitterbug, Sundays, 7:15 p.m., at CSMA Annex, 330 E. State St.

exhibits

Johnson Art Museum

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

• "Antiquity Again, Classical Images in Old Master Prints and Drawings," through March 13.

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

• "Etched in Memory," on view through March 20, is an historical examination of the development of intaglio printmaking that spans five centuries and a variety of techniques.

• "Earth Tones: One Hundred Years of Landscape Photographs," featuring 40 striking photographs that trace the history of landscape photography from the late 19th century to the present day, is on view through April 10.

• "Our Century on Paper Part II: Contemporary Works 1950-1993" is on display through April 10.

• Cornell Council on the Arts Show, March 1 through 27. Selected works in a variety of media by CCPA grant recipients from 1990-93.

• "Hidden Dimensions: Photographs by Thomas Eisner," March 1 through April 24. Originally organized by the National Academy of Sciences, this show features striking close-up color images of leaves and highly magnified black-and-white photos of insects.

• "Winterfest '94 - A Celebration of International Arts" will be held Feb. 26 from 11 a.m. to 4 p.m. This year's theme is art forms from around the world. The wide selection of programs, tours and workshops will offer events for both adults and children, and will include programs on the visual arts, music and prose. Highlights include a medieval calligraphy demonstration by Lisa Romm and a performance by a gospel choir. Programs will also be offered on Hindi script and Hebrew calligraphy, and fresco and oil painting. Children will be entertained by a printmaking workshop, a fascinating storytelling session with Karen Libman and a wandering mime sure to charm. Snacks and refreshments will be served free of charge at noon. The program is free and open to the public.

• Box Lunch Tours: Every Thursday from noon to 1 p.m., a member of the museum staff will lead a discussion on a particular aspect of art history as exemplified in the museum's collection. On Feb. 24, education intern Christi Baker will lead a talk on "The Ancient World." On March 3, Leslie Burgevin will speak on "Reading Art, Speaking Art."

• Weekend Walk-in Tours: The museum offers free weekend walk-in tours every Saturday and Sunday at 1 p.m. from Jan. 22 through May 15 with the exceptions of Feb. 26, March 26 and 27, and April 24.

Hartell Gallery

"Images Unseen," an exhibition by an emerging group of student artists at Cornell, formerly called "Breaking Artistic Traditions," will be on display Feb. 28 through March 4. The proactive group's mission is to increase university awareness of art student concerns, enrich art students' education and opportunities, and exhibit or sponsor work that shares unique and creative artist perspectives with the community.

Martha Van Rensselaer Hall

"Fantastic Fans" from the Cornell Costume

Friday, 2/25

"Hanson, My Son" (Wo Er Han Sheng) (1986), directed by Yi Chang, with Hsia Chiang and Hsing-Wen Li, 4:30 p.m., free.

"Carlito's Way," 7:30 p.m., Uris.

"Amazing Grace" (1992), directed by Amos Gutman, with Gal Hoyberger, Aki Avai and Sharon Alexander, 7:30 p.m.

"Hard-Boiled" (1992), directed by John Woo, with Chow Yun Fat and John Leung, 9:45 p.m.

"Harold and Maude" (1972), directed by Hal Ashby, with Bud Cort, Ruth Gordon and Vivian Pickles, 10:40 p.m., Uris.

Saturday, 2/26

"The Patchwork Girl of Oz" (1914/33/39) b&w/color, directed by L. Frank Baum, with live piano accompaniment by Philip Carli, IthaKid Film Festival, 2 p.m., \$2/\$1.50 for kids 12 and under.

"Warrior Marks" and "A Place of Rage," directed by Pratibha Parmar and Alice Walker, 7 p.m.

"Boxing Helena," 7:30 p.m., Uris.

"Kalifornia" (1993), directed by Dominic Sena, with Brad Pitt, Juliette Lewis and David Duchovny, 9:20 p.m.

"Carlito's Way," 9:55 p.m., Uris.

"Hard-Boiled," midnight.

Sunday, 2/27

"Harold and Maude," 4:30 p.m.

"Jour de Fete," directed by Jacques Tati, presented by Pentangle, 7:30 p.m., Uris, free.

"Carlito's Way," 8 p.m.

Monday, 2/28

"Nights of Cabiria" (1957), directed by Federico Fellini, with Giulietta Masina, Francois Perier and Franca Marzi, 7 p.m.

"Carlito's Way," 9:30 p.m.

Tuesday, 3/1

"Maynila: sa Kuko ng Liwanag" (In the Talons

Willard Straight, 10 a.m. to 7 p.m.; Trillium, 10 a.m. to 2:30 p.m.; and RPU and Noyes Dining, 5 to 8 p.m.

lectures

Africana Studies & Research Center

"Christian Ambiguity and Black Identity," Rev. Dr. Isaac Bivens, Dillard University, Feb. 28, 4:30 p.m., Hoyt Fuller Room, 310 Triphammer Road.

European Studies

"Dealing with the Past in Post-Communist Eastern Europe: East Germany in Comparison," Helga Welsh, Wake Forest University, Feb. 25, 12:15 p.m., 153 Uris Hall.

"The Place of Eastern Europe in an Integrated Europe," Jan Krzysztof Bielecki, minister for European integration and former prime minister of Poland, Feb. 25, 1:30 p.m., 401 Warren Hall.

"Russia, Russia, Ruthenia, Rus: The Ideologies of an Ethnogeographic Name," Leonid Chekin, Feb. 28, 12:15 p.m., 153 Uris Hall.

Life Course Institute

"Match Quality, New Information and Marital Instability," Robert Willis, University of Chicago, Feb. 28, 3:30 p.m., Faculty Lounge, 2nd Floor, Ives Hall.

Messenger Lectures

Martha Nussbaum, professor of philosophy and classics at Brown University, will be speaking on the theme, "Upheavals of Thought: A Theory of the Emotions," in the following lectures, all of which are at 4:30 p.m. in 110 Ives Hall:



Merrick Morton

A scene from the Civil War epic "Gettysburg," playing at Cornell Cinema March 3, 4 and 8 in Willard Straight Theatre.

Collection is on display in the showcase outside G19A MVR Hall until mid-March. The 12 fans are from the late 1800s to the 1930s and are made of varied materials including ostrich and peacock feathers.

Tjaden Gallery

Intaglio work by students of Elizabeth Meyer, Feb. 26 through March 5.

Willard Straight Hall Art Gallery

Paintings by Christine Dixey; drawings by Mandy Wilson; sculpture by Mia Perlman, through March 12.

films

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

Thursday, 2/24

"Boxing Helena" (1993), directed by Jennifer Chambers-Lynch, with Julian Sands, Sherilyn Fenn and Bill Paxton, 7:35 p.m.

"Carlito's Way" (1993), directed by Brian de Palma, with Al Pacino and Sean Penn, 10 p.m.

of Light), Southeast Asia Film Series, 4:30 p.m., Kahin Center, 640 Stewart Ave., free.

Black Maria Film Festival with guest film-maker Nina Fonoroff, 7:30 p.m., CTA Film Forum.

"Amazing Grace," 7:45 p.m.

"Harold and Maude," 10 p.m.

Wednesday, 3/2

"The Guardian Angel" (1990), directed by Suzanne Osten, with guest speaker Maarit Koskinen, 7:40 p.m.

"Cool Runnings" (1993), directed by John Turteltaub, with Leon, Rawle D. Lewis, Malik Yoba, Doug E. Doug and John Candy, 10 p.m.

Thursday, 3/3

"Gettysburg" (1993), directed by Robert Maxwell, with Tom Berenger, Martin Sheen and Stephen Lang, 7:15 p.m.

graduate bulletin

• **Income Tax Seminars for International Students:** A representative from the Internal Revenue Service will conduct seminars on Wednesday, March 2, 9 to 11:30 a.m. and Tuesday, April 5, 1:30 to 4 p.m., Anabel Taylor Hall, Auditorium, 2nd floor. For questions, call IRS, 1-800-829-1040.

• **Elections:** Voting will be held March 1 and 2 for student-elected trustee on the Board of Trustees; sites are: Big Red Barn, 11 a.m. to 2 p.m.;

"Compassion in Public Life," Feb. 24; "Contemplative Creativity: Plato, Spinoza, Proust," March 1; "Romantic Striving: Mahler, Bronte," March 2; and "The Transfiguration of Everyday Life: Joyce," March 3.

Public Affairs Society

"Congress and Politics," Peter Kostmayer, former congressman who represented a suburban Philadelphia district for 14 years, Feb. 28, 7:30 p.m., 165 McGraw Hall.

Science & Technology Studies

Norlander Lecture in Science and Public Policy: "Can Technology Policy Revitalize the American Economy?" Ann Markusen, director, Project on Regional and Industrial Economics, Rutgers University, Feb. 24, 4:30 p.m., 700 Clark Hall.

Society for the Humanities

"Appearance, Rank and Status in the French Court, 1680-1725," Jacques Revel, Ecole des Hautes Etudes en Sciences Sociales, Paris, Feb. 28, 4:30 p.m., Guerlac Room, A.D. White House.

Theory Center

"Computational Progress in Linear Programming," Robert Bixby, Rice University, March 1, 2:30 p.m., 456 Theory Center.

Women's Studies

"Rose Pesotta: Labor Organizer in the Early 20th Century U.S.," Elaine Leeder, Ithaca College, March 1, 7:30 p.m., ILR Faculty Lounge, Ives Hall.

Continued on page 10