

# Cornell Chronicle

Volume 13, Number 23

Thursday, March 11, 1982



This view of Sibley Hall may be the last snow scene of the season for Chronicle—and then again it may not.

## Race Relations Trainer to Visit for Seminars Here

Nationally acclaimed civil rights leader and race relations trainer Charles King will visit here March 15 and 16 to present his racial sensitivity seminars, "Urban Awareness: Interpreting Institutionalized Racism."

King is the founder and executive director of the Urban Crisis Center in Atlanta, Ga. He was a member of President Johnson's Commission on Civil Disorders and was a minister, university professor and civil rights administrator.

From 1 to 5 p.m. Monday, March 15, in the One World Room of Anabel Taylor Hall, King will conduct a workshop for specially invited faculty and staff. At 8 p.m. that day, he will deliver a public lecture in the Anabel Taylor Auditorium.

King will conduct a second race relations workshop for specially invited students on Tuesday, March 16, from 7 to 11 p.m. in Kaufmann Auditorium, Goldwin Smith Hall.

Members of the general public are invited to observe either or both of the workshops.

During the past 10 years, more than 90,000 persons have partici-

pated in King's awareness seminars, which have drawn national attention, including two special appearances on the Phil Donahue show.

King was also featured on the NBC television special, "Black and White in Urban America," which was shown last fall.

King, whose work is aimed at the breaking down of prejudice, believes that some of the major causes of racial problems originate from a lack of understanding and communication between whites and blacks. Maynard Jackson, mayor of the city of Atlanta, praised his workshops as being "one of the most outstanding race relations programs in the nation."

## Human Relations Group 2 Years Old

Cornell's Human Relations Training Group was formed in 1979 by a group of students, faculty and staff who were concerned about the level of racial tension at Cornell and the consistent pattern of racial incidents which had been occurring for more than a decade.

Under the leadership of Ron Loomis, director of unions and activities, and LeNorman Strong, director of Noyes Center, the multi-racial group conducts workshops and discussions with a variety of student groups and university departments.

The group is made up of a 10-member steering committee of students, faculty and staff, who meet weekly to oversee programs and to develop training exercises and ma-

terials. There are also approximately 35 discussion facilitators.

"The group's philosophy," according to Loomis, "is that racism and sexism are barriers to effective human interaction and to individuals achieving their full potential because of the limitations imposed by prejudice and discrimination, particularly in a multi-cultural society."

The purpose of the group is to provide opportunities for members of the Cornell community to discuss their attitudes and perceptions of racism and sexism in a supportive environment. The program is designed to encourage consciousness-raising, increase personal awareness of how racism and sexism influence the participants' own at-

titudes and perceptions, and then to become aware of how those attitudes and perceptions affect their interaction with others.

The Human Relations Training Group uses a number of films, video tapes and film strips as discussion stimulators, including a video tape of one of Charles King's workshops, "Impact Racism." The group has also developed a number of exercises and formats which are combined in a series of discussion programs.

Persons interested in becoming discussion facilitators for the group or in having a workshop developed for their group, should contact Loomis, 539 Willard Straight Hall, 256-7285, or Strong, 304 Noyes Center, 256-6380.



CHARLES KING

### Hydro Power:

A look at Cornell's proposal for a plant below Ithaca Falls  
—Pages 4 and 5

# Phonathons Raise \$102,000 for Cornell

## 30 Student Groups Represented in Effort

Fraternities and sororities were well represented. Cornell athletes were on hand. Members of the Big Red Band were there. And the event that brought them and other Cornell students together wasn't at Schoellkopf Field or Lynah Rink.

For 10 nights over two weeks in early February, some 275 students representing 30 campus groups gathered at the Office of University Development and called 4,350 Cornell alumni and friends. They raised \$102,000 for the Cornell Fund, the university's alumni annual giving program.

For the third straight year, students who work for the Information and Referral Center were winners of the Golden Phone Award, given annually to the group that is most

successful in the phonathon. Kappa Alpha Theta sorority was a close second.

Audrey Jeczuk, representing the Cornell Chorus and Glee Club, was the top individual phoner. She got to go to Lynah with her prize of two tickets for the Harvard game.

But enough about basic figures and facts: Why do they do it?

"Students are aware of their responsibilities and are willing to give time to something of benefit to other students," said Melanie Weymer, assistant director of the Cornell Fund and overseer of the phonathon.

She notes with pleasure that this year's 275 phoners were the most ever, that she couldn't accommodate all of the groups that

wanted to call, and that with the level of interest, next year's phonathon might go 15 nights over three weeks.

The phonathons are a chance to see that Cornell is more than "classes and Day Hall red tape, to see that Cornell exists beyond the four years in Ithaca," said Kathy Orr, one of three chairpersons for the phonathon.

Another chairperson, Susan Drange, said she likes "to do things for Cornell because I'm glad to have the opportunity to be here. Others should have that opportunity and it feels good to raise money for university projects."

Ellen Bobka, the third chairperson, said she's interested in public relations and this gave her a chance to see one aspect of it at Cornell. She said she enjoyed the experience, especially meeting new people.

Most of those new people are nervous at first about being fund raisers, Orr said. "It really takes them time to get started."

Everyone's really afraid of messing up."

But within an hour "they're really into it," Bobka said. "I got \$200!" gets shouted out to the room by successful callers very soon."

Orr, who'll be working for the Development Office this summer, thinks the experience can become "an incentive to give later" for callers. Drange, the only senior among the chairpersons, agrees.

She said she's likely to join an alumni group when she pursues her interest in telecommunications in Southern California and "I'll give what I can." She'll also have a different response than older alumni do when they get a call from a student.

"People are usually glad to get the call and surprised to hear from a student doing it for nothing," Bobka said.

—Robert W. Smith



The 1982 version of the Green Dragon will wend its way through campus starting at noon tomorrow culminating with the traditional burning of the Dragon by architecture students in front of Sibley Hall. The Beaux-Arts Ball of the College of Architecture, Art and Planning will take place Friday night at Chi Psi Lodge.

## 'Architecture of Good Intentions' Will Be Eight-Part Lecture Series

Colin Rowe, professor of architecture here and widely recognized as one of the world's leading commentators and essayists in the field, will give an eight-part lecture series in April titled "The Architecture of Good Intentions — Towards a Possible Retrospect."

Open to the general public, the lectures will be at 8 p.m. Tuesdays, April 6, 13, 20 and 27 in 120 Ives Hall, and Thursdays, April 8, 15, 22 and 29 in Uris Hall Auditorium.

The talks are the Preston H. Thomas Memorial Lecture Series in architecture for 1982. They are sponsored annually by the Department of Architecture in the College of Architecture, Art and Planning at Cornell with funds provided by Mr. and Mrs. Leonard Thomas of Senett in memory of their son, a former architecture student at Cornell.

Rowe, a member of the Cornell faculty for 21 years, was awarded a special medal last year by the American Institute of Architects for his "seminal influence on architecture in this country."

He says the April lectures will deal with a number of questions including "was so-called modern architecture — a stiffening of style? — no more than a painful and

wounded side effect of those two early catastrophes? (World War I and the Russian Revolution.)"

Born in England, Rowe received a bachelor of architecture degree from The University of Liverpool in 1945 and a master of arts degree from the University of London in 1948. He taught at Cornell in 1957-58 and then served as a senior lecturer at Cambridge University in England from 1958 to 1962, when he returned to Cornell.

According to the AIA citation last year "Rowe's influence extends beyond his immediate students through his writings. Articles which first appeared in *Architectural Review* in the 1950s related modern architecture to the architecture of the past at a time when no other theory made the connection. His scholarly pieces on cubism and modern architecture which appeared in the 1960s again developed concrete notions of the development of form which lay outside the realm of other current theory. The publication of earlier essays in *Oppositions* displayed richness of thought, and the appearance of 'Collage City' in 1978 shifted discourse from the scale of the individual building to the whole city."

## Musicologist Craft To Give Lecture

Robert Craft, a noted conductor and musicologist, will deliver the third annual Paul Gottschalk Memorial Lecture at 4:30 p.m. Friday, March 19, in the Hollis Cornell Auditorium, Goldwin Smith Hall. Craft will speak on "A View of Stravinsky in the 1980s."

An expert on the music of Gesualdo, Webern and Schoenberg, Craft conducted the American premiere of Berg's "Lulu" with the Santa Fe Opera. Craft worked closely with Igor Stravinsky in 150 concerts, as collaborator on seven books and as conductor of a number of world premieres of Stravinsky's later works, including "In Memoriam Dylan Thomas" and "Requiem Canticles."

The Gottschalk Memorial Lecture Series was established in 1980 by the family, friends, colleagues and students of the late Paul Gottschalk who died in 1977 at the age of 38. He taught in the Department of English for 12 years, offering courses in Shakespeare, European literature and philosophy.

## Research Institute President To Be James Law Lecturer

"Perspectives on the Complement System" will be the topic for Dr. Irwin H. Lepow, president of the Sterling-Winthrop Research Institute, as he delivers the next in the James Law Distinguished Lecturer Series at 4:30 p.m. Thursday, March 18 in the James Law Auditorium of the College of Veterinary Medicine.

Admission to the lecture is free and the public is invited.

Dr. Lepow has been at the center of research on the complement system for many years. The complement system consists of at least 15 distinct proteins that interact with each other and with antibodies in a variety of defensive functions.

These include the destruction of infectious agents, the mobilization of white blood cells and the killing of certain tumor cells.

Dr. Lepow's studies of this sys-

tem have resulted in the identification and purification of complement components and the elucidation of mechanisms whereby the sequential activation of complement components results in the generation of biological activity.

After training at Pennsylvania State University in agriculture and biophysical chemistry, he earned a Ph.D. in immunochemistry as well as an M.D. from Western Reserve University. Dr. Lepow was professor of medicine at Western Reserve University and served as a professor and department head of both pathology and medicine at the University of Connecticut School of Medicine. Since 1978 he has been president of the Sterling-Winthrop Research Institute in Rensselaer, N.Y.

**University Assembly**  
Meets 4:45 p.m. Today  
In 405 Malott Hall

## Cornell Chronicle

Editor, Randall E. Shew. Staff writers, H. Roger Segelken, Robert W. Smith, Barbara Jordan-Smith, Martin B. Stiles, Photographer, Sol Goldberg, Circulation Manager, Joanne Hanavan.

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## Jobs

The following job openings are new this week. For information on vacant positions listed in previous issues of the Chronicle, contact Personnel Staffing Services, 130 Day Hall. Cornell is an affirmative action employer.

**Administrative/Professional Research Support Specialist II, CP4 (Food Science)**  
**Auditor I, CP3 (Finance & Business Office)**

**Applications Programmer II, CP4 (CCS Decentralized Computing Services)**

**Applications Programmer I, CP3 (Computer Services APS)**

**Dining Supervisor, CP3 (Cornell Dining, North Campus)**

**Clerical Administrative Aide, GR22 (Endowed Payroll)**

**Administrative Aide to the Director, GR21 (Johnson Museum)**

**Mailing Coordinator, GR19 (Office of University Publications)**

**Secretary, GR19 (Communication Arts)**

**Secretary, GR18 (Alumni Affairs)**  
**Financial Aid Assistant I, GR18 (Financial Aid Office)**

**Secretary, GR17 (Psychology)**

**General Service Material Handler, SO18 (Cornell Dining, Willard Straight)**

**Technical Technician, GR22 (Genetics & Development)**

**Technician, GR22 (Physiology)**  
**Research Aide, GR21 (Natural Resources)**

**Technician, GR19 (Poultry & Avian Sciences)**

**Research Support Aide, CP2 (Entomology, Geneva)**

**Part-Time Research Technician, GR20 (Environmental Engineering)**

**Technician, GR19 (Food Science)**  
**Secretary, GR18 (Cooperative Extension, New York City)**

**Receptionist, T-2 (Johnson Museum of Art)**

**Cashier, GR15 (Cornell Dining, Willard Straight)**

**Academic Manuscript Cataloger, Labor-Management Documentation Center (CU Libraries)**

The Job Opportunities list is mailed to all Cornell departments. In addition, it is posted in the following places: Day Hall Information Desk, second floor lobby; at the Circulation and Reference Desks of all university libraries; in the Map and Newspaper Section, Olin Library; all college and technical libraries; Roberts Hall Post Office substation and in the Upper Activities corridor, Willard Straight Hall.

# Times Guide: Mixed Reviews from It, for It

## Some Object to Cornell Being a '10' (5+3+2)

By Katrina Bruggmann '82 and  
Robert W. Smith

President Frank Rhodes mentioned in a letter to parents of Cornell students that he was "heartened" to see it.

Senior Vice President William G. Herbster was quoted in the Ithaca Journal as saying it was "like reading a cartoon."

A Cornell Daily Sun editorial called it "blatantly superficial."

A senior in the College of Engineering said "It sounds terrible but it's true. Half the students here are driven and the others just exist."

The "it" that's creating comment and criticism not only locally but across the nation is "The New York Times Selective Guide to Colleges" by Edward B. Fiske, education editor of The Times.

Since its publication last month, the Guide and Fiske have been the subjects of, among other things, a full-page story in Newsweek, two page one stories in the Ithaca Jour-

nal and an interview on NBC's Today show.

A good deal of the attention has been created by Fiske's "star" system, which gave each of the 265 schools listed from one to five stars on academics, social, and quality of life. Cornell got 5-3-2.

What heartened Rhodes was the Guide's high rating of Cornell's academic programs. It called the library system "superb," noted that "charismatic profs" and "superb teachers" are "accessible to students," and that the "mixture of public, private, vocational and liberal arts at one institution provides a diversity of students rare among America's colleges."

What has irked most critics here has been Cornell's 2 rating in the ill-defined "quality of life." A school's rating in that category, the Guide said, "will be close to the average of (the) academic and social rating," but warned that "curious patterns... signal that the quality of life... is... unusual."

The Sun editorial observed that "...if a Brown gets five stars and an RPI three... Cornell's (quality of life) rating is a little low."

(For the statistical and sociological-minded, of the 32 schools rated 2, 26 of them are either in urban settings and/or draw a high percentage of their students from the New York-New Jersey area. Of the 13 schools rated 5, nine of them are in cities generally regarded as highly attractive: Tempe, Ariz.; Bennington, Vt.; Santa Cruz, Calif.; and Charlottesville, Va., for instance.)

Writeups on the 265 schools were based heavily on responses to



"Students...are a driven bunch, willing to commit themselves totally to their work in order to reap rewards in the hereafter," according to the Guide.

## The New York Times SELECTIVE GUIDE TO COLLEGES

The inside report on over  
250 colleges you are  
most likely to consider

By EDWARD  
B. FISKE  
The New York Times

## Barton Blotter

Nine Cornell students were referred to the judicial administrator on various charges of forging parking permits, possession of stolen property and criminal mischief during the period March 2 through March 8, according to the morning reports of the Department of Public Safety.

A 10th individual, a city resident, was charged through the Ithaca City Police with possession of \$680 worth of property stolen from several locations on campus.

Of the nine Cornell students referred

to the J.A., four were charged with taking \$390 worth of linen, 80 sheets and 50 pillowcases, from Mary Donlon Hall.

Two students were referred to the J.A. on charges of forging university parking permits and a third incident is under investigation.

Another student was referred to the J.A. on charges of damaging a game machine in North Campus Union. A student was also charged with setting off a false alarm in Mary Donlon Hall.

Stemming from an incident shortly after midnight Sunday at University and West Avenues, a student has been referred to the J.A. on charges of possession of stolen property.

During the seven-day period there were only 13 reported cases of theft on campus involving a relatively low total of \$1,300 in cash and valuables. These figures are usually double and sometimes triple these amounts during any week in the school year.

Most of the thefts involved handbags, wallets and books.



Mike Lucas, senior star of the Big Red basketball team, is given a special ball during the final game against Pennsylvania when he hit his thousandth career point.

lengthy questionnaires "distributed to a cross section of students," according to the Guide.

Responses to the Guide's comments on Cornell have been obtained by the Chronicle from a totally informal selection of 17 undergraduates from agriculture and life sciences, arts and sciences, engineering and human ecology that is probably no more or less truly representative than the Guide's cross section.

Most of the students felt the Guide's overall appraisal of Cornell was accurate, though a number of them said the quality of life is better than a 2 — though none would go higher than 3. A sophomore in human ecology created her own system: "I'd give the quality of life a 3 on weekends and a negative 3 on weekdays."

There was unanimous disagreement with the Guide on one matter: grades.

One anonymous Cornell student quoted in the Guide said "...C if you do almost nothing. B if you sincerely try. A if you scurry like the devil and jeopardize your health."

One anonymous sophomore in hu-

man ecology responded "The stuff about grades is b.....t. I broke my ... on organic chem and I got a C. C's are really hard to get."

From a sophomore in agriculture and life sciences: "I don't feel that getting B's and C's is as easy as they say. Notice, I didn't even mention A's."

And from a senior in engineering: "Getting a C for doing nothing is bogus."

Pressure and competition at Cornell were emphasized in the Guide. "Students...are a driven bunch, willing to commit themselves totally to their work in order to reap rewards in the hereafter," according to the Guide.

Most students interviewed felt that there is substantial pressure here, though not as much as the Guide indicated.

"They're right," said a junior in engineering. "Students do spend too much time studying and don't enjoy themselves too much."

A junior in agriculture and life sciences disagreed: "I'm under no pressure. You can be easy-going and mellow like me. If you flunk, you flunk."

"We talk about (the pressure) a lot but we don't really work that hard," according to a junior in engineering. "They highlight the competitiveness too much."

A junior in human ecology said "It makes us out to be more nerds than we are. People are conscious of their work, but not always doing it."

The Guide was not comprehensive enough to do justice to Cornell many of the students felt.

"There are programs of learning and extracurricular activities that are so amazing and they don't even touch on that," said a sophomore in human ecology.

"It's the only place where you can learn how to milk a cow and take philosophy at the same time," said a junior in arts and sciences.

"Where else can you learn to milk a cow or work in nuclear physics?" asked a sophomore in human ecology.

A sophomore in agriculture and life sciences made one comment that could call into question the Guide's entire appraisal of Cornell: "They didn't discuss the weather here, which really affects what goes on."

## COSEP Town Meeting Lecture Monday

New York City Councilman Gilberto Gerena Valentin and educator Roger L. Pulliam will speak at 4:30 p.m. Monday, March 15, in Goldwin Smith Lecture Room D.

Their talks are part of the COSEP Town Meeting Lecture series, which is sponsored by the College of Arts and Sciences and the New York State College of Human Ecology.

Valentin, who is best known for his efforts to organize the Puerto Rican community in New York City, will speak on "Political Gerrymandering and the Profits for Political Machines—New Alternatives for Independent Political Action."

Pulliam, recognized as an authority on urban policy issues in educa-

tion, employment and community development, will speak on "The Social, Economic and Political Implications of Reverse Urban Migration—Black-White Patterns."

"The major objective for town meetings is to expose our minority students to positive role models who have been able to secure prominent positions," said Lawrence Watson, assistant dean in the College of Arts and Sciences.

Valentin's position against racism and apartheid has "brought him a strong following among blacks as well as Puerto Ricans. He is a writer, lecturer and organizer who commands the respect of a diverse ethnic population." Watson said.

Pulliam is a director of the Center for Urban Studies at the University of Illinois. In 1978, he was appointed by the governor of Illinois to the Illinois Employment and Training Council. He served on the State Board of Education's Annual Program Plan for Vocational Education and served as chairman of the Chicago Opportunities Industrialization Center and as appointment-at-large to the National Executive Board of OIC of America from 1974 to 1978.

After their lecture, Valentin and Pulliam will attend a reception in their honor at 5 p.m. in the Temple of Zeus, Goldwin Smith Hall. The lecture and reception are free and open to the public.

# The Ithaca Falls Proposal: Making Fo



Arrow indicates the entrance to the tunnel blasted through the south wall of Fall Creek gorge by Ezra Cornell more than 150 years ago in this view from the Stewart Avenue bridge. At right, a planner's drawing of the proposed hydroelectric installation as it would be seen from Lake Street. By taking advantage of topography, the two-story powerhouse (dotted lines) could be nearly hidden from view in the raceway of the 19th century mills, and the park-like setting would be preserved.

A clean, safe, economical source of power developed more than 150 years ago by a 23-year-old Ezra Cornell may once again serve Cornell University if the university builds a hydroelectric plant at Ithaca Falls.

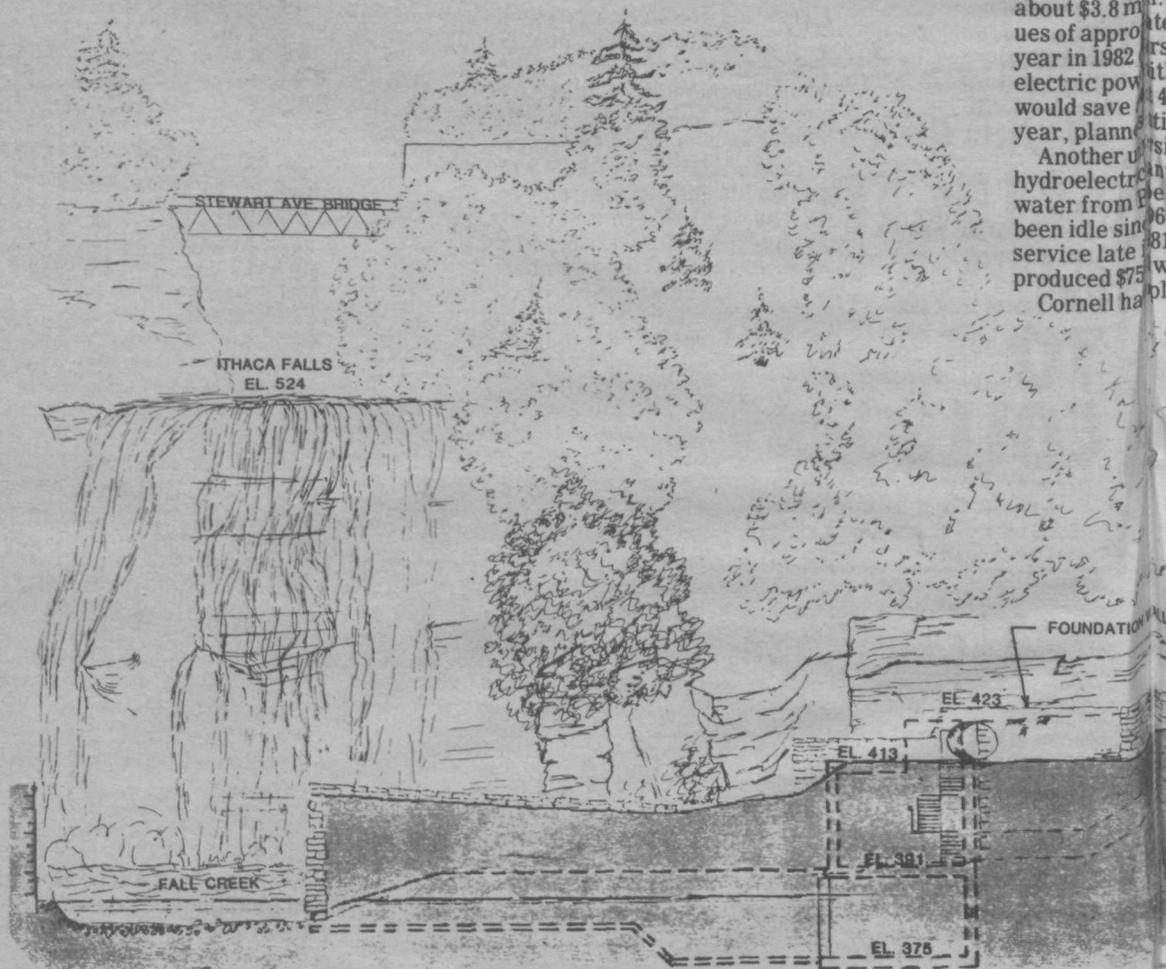
Together with the recently-refurbished hydroelectric facility upstream on Fall Creek, the proposed plant at Ithaca Falls could produce the equivalent of 10 percent of Cornell's electrical energy needs, while saving thousands of tons of coal a year.

Ezra Cornell was a young mechanic and millright employed by Colonel Jeremiah Beebe when he proposed, designed and supervised the construction of a 200-foot-long tunnel to carry water from a dam above the falls to a complex of mills and factories below. Bored through the solid rock of Fall Creek Gorge with blasting powder in 1830, the 15-

foot-diameter tunnel replaced a rickety and unreliable system of wooden flumes and led to the growth of the Fall Creek community as an industrialized "suburb" of 19th century Ithaca.

Over the years, water flowing through Ezra Cornell's tunnel powered a variety of installations including an agricultural implement works, a woolen fabric factory, as well as grist, paper, plaster, oil and flour mills, a saw mill, a foundry and a distillery. As recently as the 1950s Cornell and Ithaca Gun Company operated hydroelectric plants with water that flowed through the tunnel.

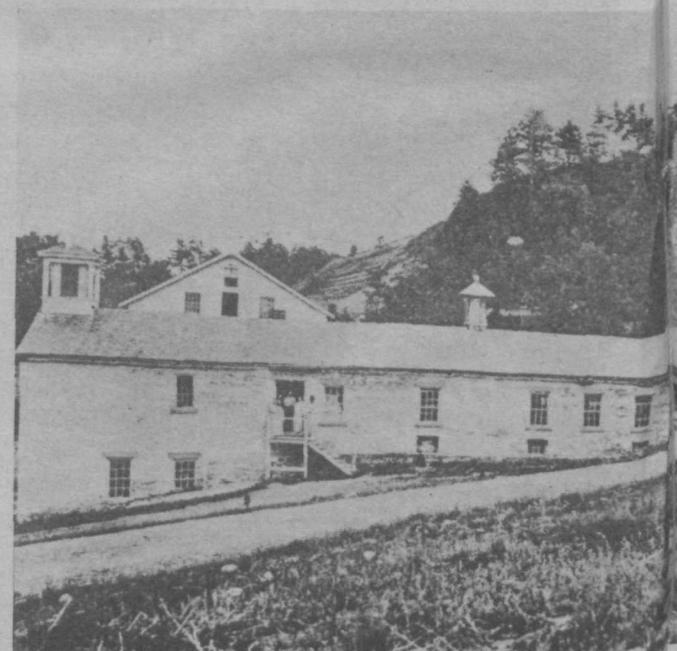
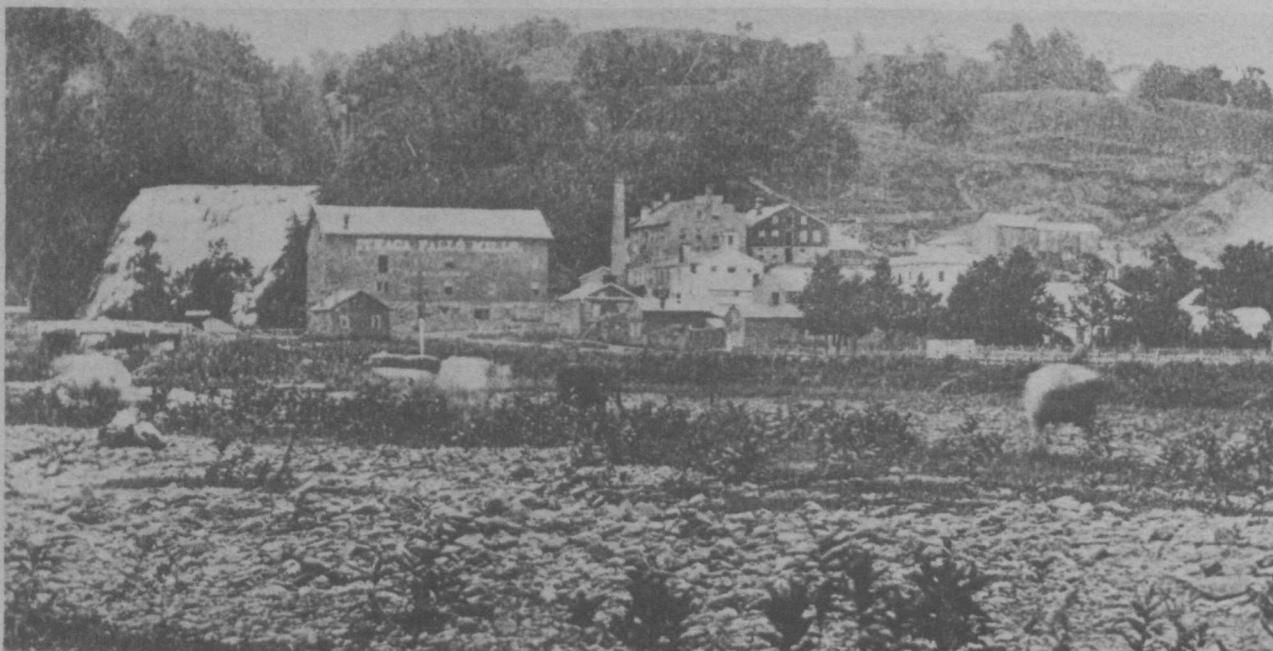
The university began acquiring property and water power rights around the gorge in 1920, and now owns much of the land on both sides of Fall Creek and the falls itself. Ruins of stone buildings and



sluiceways still Youth Park bridge, on la easi ty to the C of th Cornell's part now propose st megawatt h ele of Pa the south ba would flow entrance int penstock, w in an old rac runs through property.

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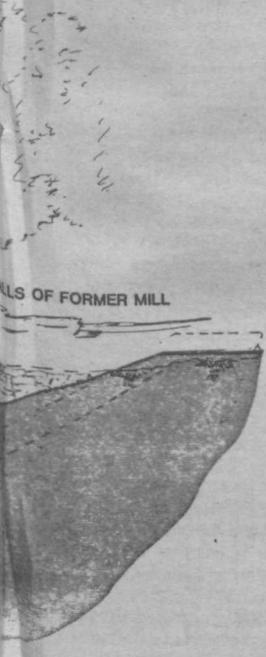
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# Power from Ezra's Tunnel

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the Lake Street  
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Department of Utilities  
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worth of power.  
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Energy Regulatory Commission (FERC) for permission to build the Ithaca Falls facility. Also seeking federal government permission to build a hydroelectric facility at the site are the Annapolis, Md., firm of Synergics, Inc., and McLeod Hydropower, Inc., of Glenmore Pa. The possibility of the City of Ithaca building the plant as a municipally-run facility also has been discussed on some levels.

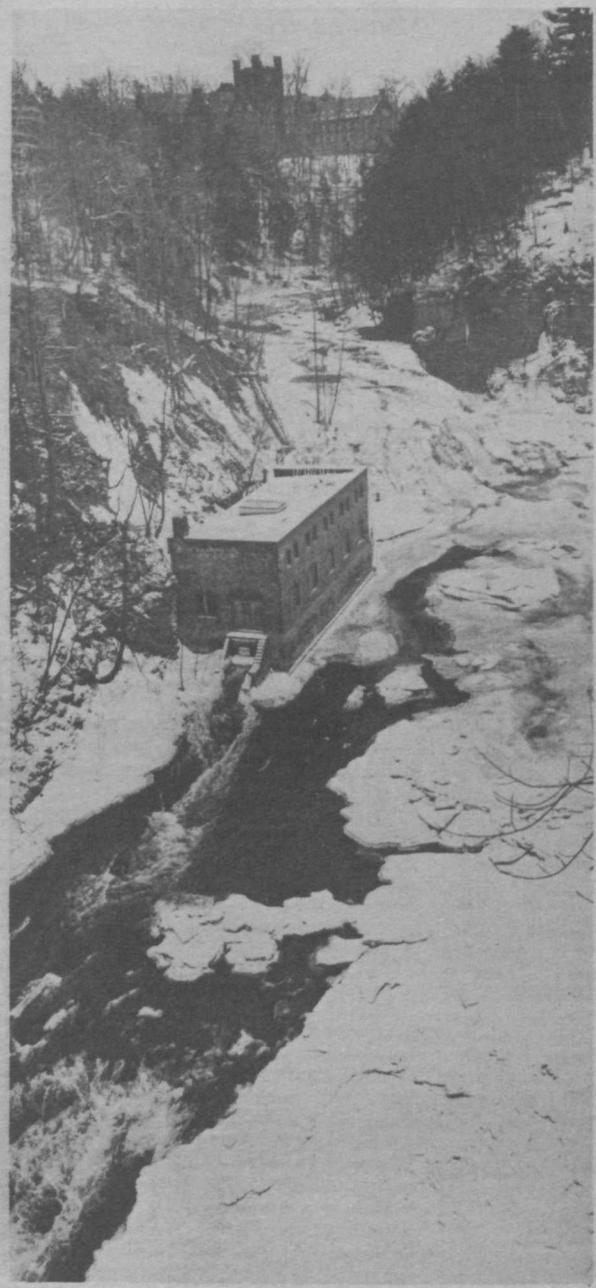
A decision by the federal agency may be made this year. If Cornell is granted permission to build the facility, construction could begin as early as 1983 and be completed by 1985.

Under the Cornell plan, a portion of the Fall Creek water would be diverted to the hydro plant only when in-stream flow exceeded 52 cubic feet per second. During an average of 115 days per year — mostly from June to October — Fall Creek's instream flow is less than that amount, and the plant would not be operated. Flow over the falls would be maintained at 32 cubic feet per second or more, thus preserving picturesque views of the gorge.

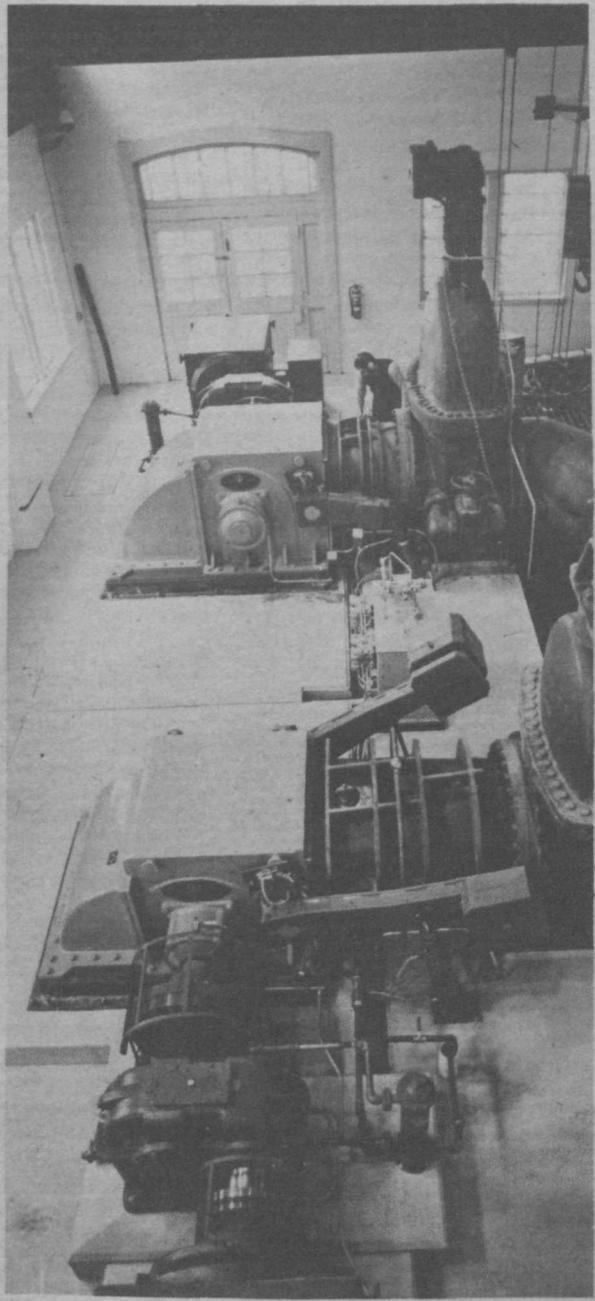
Concerned with the plant's impact on the natural environment as well as with the scenic and aesthetic resources of the area, Cornell engineers have called for a number of measures: Screens and baffles would prevent fish from entering the system during periods of migration. The powerhouse, proposed for construction with reinforced concrete, would be soundproofed to minimize disturbance to residential areas and would be located and architecturally treated to blend with the natural surroundings. Care would be taken to preserve archaeological remains of the old mill sites and raceway systems. The Youth Park and other areas around the park would be attractively landscaped, and interpretive exhibits could inform the public of the historic importance of the site. The facility would be designed to provide access and safety for fishermen in the Falls area.

Additional information is available in the Cornell FERC license application, which is on reserve at the Tompkins County Public Library and the Cornell Engineering Library.

—Roger Segelken



Since beginning operation in the fall of 1981, Cornell's refurbished hydroelectric plant below Beebe Lake has generated more than \$75,000 worth of power. At right, an electrical engineer inspects the plant's new turbine-generators. (Photo by Jose Azel.) Only the stone foundations and abandoned raceways remain from the complex of mills and factories that once thrived around Ithaca Falls. The picture at bottom, left



shows the area about 1865 through the lens of noted Ithaca photographer J.C. Burritt. Employees of the Mack & Andrus Paper Mill posed for the photograph at center, the date of which is unknown, Photographs courtesy of DeWitt Historical Society. Below, right, the profile of the proposed hydroelectric powerhouse has been superimposed on a photograph of the areas as it appears today.



# Calendar

All items for publication in the Calendar section, except for Seminar notices, must be submitted by mail or in person to Fran Appar, Central Reservations, 532 Willard Straight Hall, at least 10 days prior to publication. Seminar notices should be sent to Barbara Jordan-Smith, News Bureau, 110 Day Hall, by noon Friday prior to publication. Items should include the name and telephone number of a person who can be called if there are questions, and also the subheading of the Calendar in which it should appear (lectures, colloquia, etc.). ALL DEADLINES STRICTLY ENFORCED.  
\*Admission charged.

## Announcements

### Dog Wash

Cornell Pre-Vet Society semi-annual Cheap Dog Wash, 9 a.m. to 3 p.m. Saturday, March 20, Livestock Pavilion at Judd Falls Road and Tower Road. Big, mean, nasty, ferocious dogs welcome. Reservations necessary. Call Kevin Jay Lipsitz, chairman, at 277-4711. Free nail clipping and dipping with each bath for first 77 callers.

**Human Ecology Sophomores and Juniors**  
Announcing application for the 1982-83 Fleischmann Scholarship for an upperclass student in Human Ecology with a background of course work in Communication Arts and with career interests combining the two fields. Applications are available in the Human Ecology Counseling Office, Room N-101, MVR, and must be returned by March 19, 1982.

### Thursday

Mar. 11, 9:30 a.m.-5 p.m. Noyes Center 3rd Floor Lounge. All campus lottery number drawing for room selection.

### Friday

Mar. 12, 9-11 p.m. \*Anabel Taylor Commons. Coffeehouse featuring "An Evening with: Beauty and the Beast Storytellers" and Mike Green. A benefit for Centerpeace, a peace information and referral center, and a project of CRESP. Suggested donation \$2.

### Recombinant DNA Research

Cornell University Committee on Recombinant DNA Research meeting on Mon., Mar. 15 at 3 p.m. in the 3rd Floor Conference Room, Day Hall. Open to the public.

### Extramural Courses

Last day to change credit hours and grade options is March 12 (Friday).

### Monday

Mar. 15, 1-5 p.m. Anabel Taylor One World Room. Faculty and Staff workshop: "Urban Awareness: Interpreting Institutionalized Racism," featuring Dr. Charles King, Director, Urban Crisis Center, Atlanta, Georgia. A workshop on race relations for specially invited participants; open to observers. Sponsored by Human Relations Training Group, Unions and Activities.

### Tuesday

Mar. 16, 7-11 p.m. Goldwin Smith Kaufmann Auditorium. Student workshop: "Urban Awareness: Interpreting Institutionalized Racism," featuring Dr. Charles King, Director, Urban Crisis Center, Atlanta, Georgia. A workshop on race relations for specially invited participants; open to observers. Sponsored by Human Relations Training Group, Unions and Activities.

### Sunday

Mar. 21, 3:30 p.m. Herbert F. Johnson Museum of Art. Department of Music Lecture: "Traditional Music and Related Arts in Ghana," Dr. Adolphus Turkson, Director of the School of Music, University of Ghana, Legon, Ghana. Recorded examples of African musics will be played during the talk. Free and open to the public.

**2nd Annual Food and Nutritional Day**  
Cornell's Student Chapter of the Society for Nutrition Education Day on Monday, Mar. 22 in the Willard Straight Memorial Room from 11 a.m.-5 p.m.

## Colloquia

### Thursday

Mar. 11, 4:30 p.m. Space Sciences 105.

Astronomy and Space Sciences Colloquium: "A Tale of Two Molecular Clouds." Dr. Edward B. Churchwell, Washburn Observatory, University of Wisconsin.

### Monday

Mar. 15, 4 p.m. Uris Hall 153. Department of Russian Literature and Committee on Soviet Studies: "Doing Business in the Soviet Bloc," Richard A. O'Brien, Corning Glass, following his return from trip USSR.

Mar. 15, 4:30 p.m. Clark 700. General Physics Colloquium, R. Hoffman, Chemistry, Cornell.

### Tuesday

Mar. 16, 4:30 p.m. Space Sciences 105. Special Astronomy and Space Sciences Colloquium: "Gamma Rays from Pulsars," Dr. Malvin Ruderman, Columbia University.

### Thursday

Mar. 18, 4:30 p.m. Space Sciences 105. Astronomy and Space Sciences Colloquium: "The View from the Tropics: Astronomy Among the Indigenous Cultures of the Equatorial Belt," Dr. Anthony Aveni, Colgate University.

## Dance

### American Ballet Theatre II

The American Ballet Theatre II will perform at 8 p.m. Saturday, March 13, at the Strand Theatre, 310 E. State St. The production is sponsored by the University Unions Program Board of the Department of Unions and Activities.

Tickets, at \$8 each, are on sale at the Willard Straight Hall box office.

### Saturday

Mar. 13, 8 p.m. \*Strand Theatre. "American Ballet Theatre II." Sponsored by University Unions Program Board. Tickets on sale at Willard Straight Ticket Office.

Every Tues., 7:30-9:30 p.m. English Country Dancing. All dances taught, beginners welcome. For information call Connie at 272-1931 or Al at 256-4798.

Every Thurs., 8 p.m. Anabel Taylor One World Room. Israeli Folk Dancing.

## Exhibits

Herbert F. Johnson Museum "Art of the Omstead Landscape" through Mar. 28; "Golden Day, Silver Night" Perceptions of Nature in American Art, 1850-1910" through Mar. 28; "Carved Images: Art from Africa" through Mar. 28. Museum hours: 10 a.m.-5 p.m., Tues. through Sun. Free parking.

## Films

Unless otherwise noted films are under sponsorship of Cornell Cinema.

### Thursday

Mar. 11, 8 p.m. Uris Hall Auditorium. CUSLAR Free Film: "State of Siege," this tense drama of a political kidnapping is a gripping portrait of the U.S. role in Latin America.

### Friday

Mar. 12, 7:30 p.m. Uris Hall Auditorium. Pentangle Free Film Series: "Heart of Glass" (1976); short: "Sisyphus" (1976).

Mar. 12, 9 p.m. \*Uris Hall Auditorium. "Caddie" (1976), directed by Donald Crombie, with Helen Morse, Takis Emmanuel, Jack Thompson.

### Friday & Saturday

Mar. 12 & 13, 7:30 p.m. \*Statler. "The Last Metro" (1980), directed by Francois Truffaut, with Catherine Deneuve, Gerard Depardieu.

Mar. 12 & 13, 10:30 p.m. \*Statler. "S.O.B." (1981), directed by Blake Edwards, with Julie Andrews, Richard Mulligan, Larry Hagman.

Mar. 12 & 13, 10:30 p.m. \*Uris Hall Auditorium. "The Yellow Submarine" (1968), directed by George Dunning, with the Beatles, Sgt. Pepper's Lonely Hearts Club Band.

### Saturday

Mar. 13, 4 p.m. \*Uris Hall Auditorium. "Casino Royale" (1967), directed by Peter Sellers, with Peter Sellers, Woody Allen, Ursula Andress, etc.

Mar. 13, 7:30 & 9:45 p.m. \*Uris Hall Auditorium. "Caddie" (1976).

### Sunday

Mar. 14, 2 p.m. \*Uris Hall Auditorium. "Pippi Longstocking" (1974), directed by Olle Hellblom, with Inger Nilsson, Par Sundberg, Maria Persson. Co-sponsored by Ithaca Youth Bureau.

Mar. 14, 8 p.m. \*Uris Hall Auditorium. "Bwana Toshi" (1965), directed by Hani Susmu, with Atsumi Kiyoshi, Salehe Hamisi, Shimoto Tsutomu. Co-sponsors: Third World Student Prog. Board, COS-EP. Made possible in part with funds from New York State Council on the Arts.

### Monday

Mar. 15, 9 p.m. \*Uris Hall Auditorium. "They Live By Night" (1948), directed by Nicholas Ray, with Cathy O'Donnell, Farley Granger, Howard daSilva. Shown with short: "Mysteries of a Barber Shop." Film Club members only.

### Tuesday

Mar. 16, 4 p.m. Morrill 106. Southeast Asia Program Free Film Series: "Floating in the Air Followed by the Wind" and "Trance and Dance in Bali."

Mar. 16, 8 p.m. \*Uris Hall Auditorium. "Aguirre, the Wrath of God" (1973), directed by Werner Herzog, with Klaus Kinski, Helena Rojo, Ruy Guerra.

### Wednesday

Mar. 17, 4:30 p.m. Uris Hall Auditorium. Japanese Film Series: "A Passing Fancy" (1933), Ozu. Sponsored by the ChinaJapan Program.

Mar. 17, 7:30 p.m. \*Uris Hall Auditorium. "La Notte" (1961), directed by Michaelangelo Antonioni, with Marcello Mastroianni, Jeanne Moreau, Monica Vitti.

## Lectures

### Thursday

Mar. 11, 12:20 p.m. 102 West Ave. Southeast Asia Program Thursday Luncheon Seminar: "Interpreting the Past: Controversies in Thai Art History," M.C. Subhadradis, Dean of the Graduate School and Professor of Archaeology at Silpakorn University, Bangkok, Thailand. Bring your lunch; coffee, tea and cookies will be provided.

Mar. 11, 4 p.m. Morrill 111. Southeast Asia Program: "Post-War Vietnam and Displaced Persons," Ian Hopwood.

Mar. 11, 4:30 p.m. Goldwin Smith Hollis Cornell Auditorium. Society for the Humanities Annual Invitational Lecture: "Updating Isolationism: The Founders to Eisenhower to Reagan," Walter F. LaFeber, Marie Underhill Professor of American History, Cornell.

Mar. 11, 4:30 p.m. Ives 217. Western Societies Program: "World War II and German Society," Michael Geyer, Associate Professor of History, University of Michigan. Secon in a three part series on aspects of the Third Reich.

Mar. 11, 7:30 p.m. Stimson G-1. Jordani: Natural History Society Lecture: "The Life and Times of a Refuge Deer Hunt," Dr. Tom Gavin.

### Monday

Mar. 15, 4:30 p.m. Goldwin Smith Hollis Cornell Auditorium. Becker Lecture Series in History entitled "Political Fictions," Edmund S. Morgan, Sterling Professor of History at Yale University. Morgan is perhaps the most distinguished American colonial historian of his generation.

Mar. 15, 8 p.m. Anabel Taylor Auditorium. "Urban Awareness: Interpreting Institutionalized Racism," Dr. Charles King, Director, Urban Crisis Center, Atlanta, Georgia. Sponsored by Human Relations Training Group, Unions and Activities.

Mar. 15, 7:30 p.m. Anabel Taylor One World Room. "America and World Community," an interdisciplinary course: "Eastern Religion, America and World Community," Eido Roshi, New York Zen Center.

### Tuesday

Mar. 16, 4:30 p.m. Goldwin Smith Kaufmann Auditorium. Becker Lecture Series in History entitled "Political Fictions," Edmund S. Morgan, Sterling Professor of History at Yale University.

Mar. 16, 7:30 p.m. Anabel Taylor Founders Room. EcoJustice Project:

Exploring Eco-Justice Forum: "Social Implications of Military Spending."

### Wednesday

Mar. 17, 4:30 p.m. Goldwin Smith Hollis Cornell Auditorium. Becker Lecture Series in History entitled: "Political Fictions," Edmund S. Morgan, Sterling Professor of History, Yale University.

Mar. 17, 7:30 p.m. Anabel Taylor One World Room. "America and World Community," an interdisciplinary course: "Genetic Disease and Genetic Engineering-Threat or Promise," Adrian Srb, Professor of Genetic Development.

March 17, 7:30 p.m. 135 Emerson Hall. Lee Boyd will speak on "Behavioral Ecology of Wild Horses in Wyoming's Red Desert." The lecture is sponsored by Graduate Women in Science.

### Thursday

Mar. 18, 12:20 p.m. 102 West Ave. Southeast Asia Program Thursday Luncheon Seminar: "Philippines Political Economy," John J. Carroll, S.J. Bring your lunch; coffee, tea and cookies will be provided.

Mar. 18, 4 p.m. Martha Van N125. Southeast Asia Program: "Working with Asian Refugees at Home and Abroad," Ellen Barclay, Carol Compton, Nancy Koschmann and Penny Van Esterik of Cornell University, Peggy Frazer, Cornell University, Moderator.

Mar. 18, 4:30 p.m. Goldwin Smith Hollis Cornell Auditorium. University Lectures Committee, Department of English, and Society for the Humanities Lecture: "The Uses of Decadence," Richard Ellmann, Goldsmiths' Professor of English, Oxford University.

Mar. 18, 4:30 p.m. New York State School of Veterinary Medicine, James Law Auditorium. James Law Distinguished Lecturer Series: "Perspectives on the Complement System," Dr. Irwin H. Lepow, President of Sterling-Winthrop Research Institute. Free and open to the public.

Mar. 18, 7:30 p.m. Stimson G-1. Jordani: Natural History Society: "A Tern for the Better," Kathy Keane.

### Friday

Mar. 19, 2:15 p.m. Ives 216. Western Societies Program: "The Weimer Inflation in Contemporary Perspective," Stephen A. Achuker, Department of History, Brandeis University.

Mar. 19, 4:30 p.m. Ives 217. Western Societies Program: "Businessmen, Bankers and the Formation of Foreign Policy after World War I: A Comparative View."

Mar. 19, 4:30 p.m. Goldwin Smith Hollis Cornell Auditorium. The Third Annual Paul Gottschalk Memorial Lecture: "A View of Stravinsky in the 1980s," Robert Craft, conductor, musicologist, and collaborator with Stravinsky. Reception following, Andrew Dickson White House.

## Meetings

### Tuesday

Mar. 16, 12:15 p.m. Roberts B8. Employee Assembly.

### Thursday

Mar. 18, 5 p.m. Uris Hall 202. Student Assembly.

Every Tues., 9 p.m. Hug Ivri-Hebrew Club meeting. Speakers of Hebrew at all levels welcome. For more information, call Michael at 277-2168.

Every Thurs., 7:15 p.m. Willard Straight 207. Gay PAC business meeting followed by 8 p.m. discussion. Different topic each week.

Every Sun., 7:30 p.m. Anabel Taylor 314. The Anthroposophy Study Group will take up the topic "The Spiritual Science of Rudolf Steiner." Everyone welcome. For more information call 277-1459 or see the secretary in Anabel Taylor Hall.

## Music

### Viola Music Scheduled

A program of French viola music will be presented by guest artist Pierre-Henri Xuereb in a free public recital at

MARCH						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

8:15 p.m. Tuesday, March 16, in Barnes Hall.

With pianist Bohdan Spercacz, Xuereb will play viola sonatas by Honnegger and Michel Corette, Quatre vignettes by Milhaud, Lied by d'Indy, Piece and Lamento by Faure, Pavane and Piece en forme de Habanera by Ravel.

### Pianist in Public Recital

Pianist Edmund Battersby will appear in a free public recital at 8:15 p.m. Friday, March 19, in Barnes Hall.

Commemorating the 100th birthday of Polish composer Karol Szymanowski, Battersby will feature his Twelve Etudes, Opus 33. The program includes Sonata in A minor, K. 310 by Mozart, Sonata in A Major, Opus 101 by Beethoven, four Preludes by Rachmaninoff and Sonata No. 4 in C minor, Opus 29 by Prokofiev. The concert will be repeated in New York at the 92nd YMHA on March 24.

Battersby, who is on the faculty at Montclair State College, studied piano with Barbara Holmquist in his native Detroit and Sasha Grodnitsky at Juilliard and ensemble with Artur Balsam. Graduated from Juilliard with honors, he received the prestigious Alumni Award.

### Pianist will Join Amadeus Quartet

Pianist Walter Klien will join members of the Amadeus Quartet in concert at 8:15 p.m. Monday, March 22, in Statler Auditorium. His appearance for this concert is because of the illness of second violinist, Siegmund Nissel. The program will include two Mozart piano quartets and a Beethoven string trio.

Tickets for the performance go on sale Monday, March 8, at the Lincoln Hall Ticket Office, 256-5144.

Although their home base is London and it is considered an English ensemble, only one member of the quartet is a native Englishman—cellist Martin Lovett. His colleagues, Norbert Brainin, Nissel and Peter Schidlof, were all born in Austria, where they all began their music studies at the age of seven and were all taken by their families to England during the oppressive times in 1938.

In spite of such parallel paths, they did not meet until 1941 when all four, employed in various war factories, were pursuing their music studies under Max Rostal. They became friends during the war years and played together whenever they were able to find free time from their factory jobs and personal studies.

In 1946, with the pressures of the war relieved, they began to concentrate seriously on the formation of a permanent string quartet. They made their first public appearance in 1948 in London's Wigmore Hall. Their success was immediate, and after many concerts and broadcasts throughout England, the British Council sponsored their first continental tour.

Pianist Klien, known for his recordings of the complete solo piano works of Mozart and Brahms, has been acclaimed by critics as one of the greatest interpreters of Mozart today.

### Friday

Mar. 12, 8:15 p.m. Barnes Hall. "Intros and Canons" by Richard Wernick, Saga Ambegaokar dance group, chamber ensemble conducted by Edward Murray.

### Saturday

Mar. 13, 8:15 p.m. Barnes Hall. Sonya Monosoff, violin, and Judith Norell, harpsichord. Works of Handel, Bach.

### Sunday

Mar. 14, 4 p.m. Bailey Hall. Cornell Wind Ensemble conducted by Marice Stith; guest conductor Alfred Reed; Rebecca Reese, trumpet soloist. Works of Hartley, Reed, Nelhybel, others.

### Tuesday

Mar. 16, 8:15 p.m. Barnes Hall. Pierre-Henri Xuereb, viola, and Bohdan Spercacz, piano. Works of Corrette, Faure, Debussy, Ravel, Roussel, Honnegger, Milhaud.

## Religion

### Sunday

Mar. 14, 11 a.m. Sage Chapel. Convocation. David Talbot, Rector, St. John's Episcopal Church, Ithaca.

### Sunday

Mar. 21, 11 a.m. Sage Chapel Convocation. John A. Taylor, University Unitarian Universalist Chaplain at Cornell; Minister, The First Unitarian Church, Ithaca.

## Seminars

**Applied Mathematics:** "The Intelligent Analysis of Power Series, Especially for Singular Functions of Two Variables," Michael E. Fisher, 4 p.m. Friday, March 12, Hollis E. Cornell Lecture Room, Goldwin Smith Hall.

**Atomic & Solid State Physics: Special Theory Seminar:** "Some Applications of Continuous-Time Random-Walk Theory," Klaus Kehr, Institut für Festkörperforschung, Jülich, 1:15 p.m. Friday, March 12, 701-702 Clark Hall.

**Biochemistry:** "Isolation of Genes from Cultured Mosquito Cells by Transfection," Ann Fallon, Rutgers Medical School, 12:20 p.m. Thursday, March 11, Wing Hall Library.

**Biochemistry:** "Studies on the Structure, Function and Localization of the Rous Sarcoma Virus src Gene Product," Allan R. Goldberg, Rockefeller University, 4:30 p.m. Friday, March 12, 204 Stocking Hall.

**Biochemistry:** "Modulation of Turkey Erythrocyte Adenyl Cyclase Activity by Phospholipid Replacement," Charles McOsker, 12:20 p.m. Monday, March 15, 105 Riley Lobby.

**Biological Sciences:** "Delay of Metamorphosis by Larvae of a Marine Invertebrate," Jan Pechenik, Tufts University, 4:30 p.m. Monday, March 15, 108 Bradford.

**Biophysics:** "Biochemical Studies of Human Thymic Differentiation Antigens," Cox Terhorst, Harvard Medical School & Sidney Farber Cancer Institute, 4:30 p.m. Wednesday, March 17, 700 Clark Hall.

**CAPE:** "On the Transition from an Exhaustible Resource Stock to an Inexhaustible Substitute," Murray Kemp, University of New South Wales, 4 p.m. Thursday, March 11, 498 Uris Hall.

**CAPE/STS/Economics Dept.:** "Cost-Benefit Analysis and the Clean Air Act: A Public Debate," Robert W. Crandall, Brookings Institution, Robert Wolcott, Public Interest Economics Center, Alfred Kahn, moderator, 4 p.m. Monday, March 15, Bache Auditorium, Malott Hall.

**Chemistry:** "Experiments on Biogenesis," Manfred Eigen, Max Planck Institut für Biophysikalische Chemie, 1:30 p.m. Friday, March 12, 200 Baker.

**Chemical Engineering:** "Computer Simulation of Fluids Composed of Long-Chain Molecules," James M. Haile, Clemson University, 4:15 p.m. Wednesday, March 17, 145(A) Olin.

**Ecology & Systematics:** "Natural and Seal Selection in Guppy Population," John Endler, University of Utah, 4:30 p.m. Wednesday, March 17, 4th Floor Conference Room, New Biological Sciences Building.

**Entomology/Ecology & Systematics/Neurobiology and Behavior/Genetics and Development:** "The Evolutionary Significance of Multiple Sex Chromosomes in Termites," Peter Luykx, University of Miami, Fla., 4 p.m. Monday, March 15, 100 Caldwell Hall.

**Floriculture and Ornamental Horticulture:** "Girdling Roots, an Encountering Problem in Shade Tree Management," George Hudler, 12:15 p.m. Thursday, March 11, L.H. MacDaniels Room, 37 Plant Science.

**Floriculture and Ornamental Horticulture:** "Strategies for Landscape Management in Mediterranean Hill Ecosystems," Arthur Lieberman, 12:15 p.m. Thursday, March 18, L.H. MacDaniels Room, 37 Plant Science.

**Food Science:** "Metabolism of Polyunsaturated Fatty Acids in Fish Gill," Bruce German, 4:30 p.m. Tuesday, March 16, 204 Stocking Hall.

**Geological Sciences:** "Geotectonics and Palaeoceanography of the Northwest Coast of Peru: A

Geoarchaeological Assessment," H. Rollins, Univ. of Pittsburgh, 4:30 p.m. Thursday, March 11, 205 Thurston Hall.

**Geological Sciences:** "The Pannonian Basin and its Relations to the Carpathian Mountains," W. Royden, MIT, 4:30 p.m. Tuesday, March 16, 205 Thurston Hall.

**JUGATAE:** "The Evolutionary Significance of Multiple Sex Chromosomes in Termites," Peter Luykx, University of Miami, Fla., 4 p.m. Monday, March 15, 100 Caldwell Hall.

**Lab. for Plasma Studies:** "Theory of a Dense Recombining Plasma for X-ray Lasing," R.L. Liboff, 4:30 p.m. Thursday, March 18, 282 Grumman.

**Materials Science:** "Vapor Phase Epitaxial Growth of GaAs for Microwave Applications," Bruce Lauterwasser, Raytheon, 11:15 a.m. Friday, March 12, 140 Bard Hall.

**Materials Science:** "Thermal Cycle Fatigue in LSI Solder Interconnections," Neil Sinclair, IBM, 11:15 a.m. Monday, March 15, 140 Bard Hall.

**Materials Science:** "Development of High Strength Steel Sheet at U.S. Steel Research," Peter Mould, U.S. Steel, 11:15 a.m. Wednesday, March 17, 140 Bard Hall.

**Materials Science and Engineering:** "Analysis of High Resolution Electron Microscope Images of Atomic Surface Structures and Crystalline Interfaces," W. Krakow, IBM, 4:30 p.m. Thursday, March 11, 140 Bard Hall.

**Materials Science and Engineering:** "Diffusion Barriers in Thin Film Reactions," M. Wittmer, IBM, 4:30 p.m. Thursday, March 18, 140 Bard Hall.

**Mechanical and Aerospace Engineering:** "Turbulent Flows—The Conditional-Lagrangian Method," Stephen B. Pope, 4:30 p.m. Tuesday, March 16, 282 Grumman.

**Natural Resources:** "Assessing the Effects of Air Pollution on Agricultural Productivity," Paul Moskowitz, Brookhaven National Lab., 4 p.m. Thursday, March 11, 304 Fernow Hall.

**Natural Resources:** "Farming in the Image of the Forest: A Sustainable Base for New England Agriculture?" John Quinney, New Alchemy Inst., 4 p.m. Thursday, March 18, 304 Fernow Hall.

**Natural Resources/Ecology & Systematics/International Studies/Lab. of Ornithology:** "Planning of Nature Preserves, Craig MacFarland, CATIE, Costa Rica, 2:30 p.m. Monday, March 15, 135 Emerson Hall.

**Neurobiology & Behavior:** "Field-Experimental Studies of Migratory Bird Orientation," Ken Able, 12:30 p.m. Thursday, March 11, Penthouse Langmuir Lab.

**Neurobiology & Behavior:** "Having Your Cake and Eating It Too," William Dilger, 12:30 p.m. Tuesday, March 16, Penthouse Langmuir Lab.

**Operations Research:** "Analysis of Clocked Schedules in Real Time Computer Systems, Teunis J. Ott, Bell Labs., 4:30 p.m. Tuesday, March 16, 305 Upton.

**Organic/Organometallic Chemistry:** "Alkane C-H Activation by Oxomanganese Porphyrin Complexes," Craig Hall, University of Calif. at Berkeley, 8:15 p.m. Monday, March 15, 119 Baker Lab.

**Physiology:** "The Role of the Kidney in the Conservation of Biological Anti Freeze in the Circulatory System of Cold Water Fishes," David H. Petzel, University of Illinois at Urbana, 4:30 p.m. Tuesday, March 16, G-3 Vet. Research Tower.

**Plant Biology:** "A New Look at Plant Cells with Video Enhanced Microscopy," Nina Allen, Dartmouth College, 11:15 a.m. Friday, March 12, 404 Plant Science.

**Plant Pathology:** "The Superelongation Disease of Cassava: Pathogen Taxonomy, Host-Pathogen Interactions, and Some Characteristics of Host Resistance," R. S. Ziegler, 4:30 p.m. Tuesday, March 16, 404 Plant Science Building.

**Pomology:** "Carbon Balance of Apple Shoot," Scott Johnson, 11:15 a.m. Monday, March 15, 114 Plant Science Bldg.

**Southeast Asia Program Outreach/College of Human Ecology's International Program:** "Postwar Vietnam and Displaced Persons," Ian Hopwood, UNICEF, and "A View from the Camps in Malaysia," Walter Bowers, formerly with the Joint Voluntary Agency in Malaysia, 4 p.m. Thursday, March 11, 111 Morrill Hall.

**Special Chemistry Seminar:** "Progress Toward the Generalization of Surface Enhanced Raman Spectroscopy," R. VanDuyne, Northwestern University, 4:40 p.m. Monday, March 15, 119 Baker Lab.

**Student Committee on Professional Ethics, B&PA:** "A Seminar in Professional Ethics," 9 a.m. to 3 p.m. Friday, March 12, Malott Hall. Lunch will be available at \$4 per person.

**Toxicology:** "Naturally Occurring Insecticides and Insecticide Synergists," Craig Marcus, 12:15 p.m. Friday, March 12, N207 MVR.

**Vegetable Crops:** "Gardening for Pleasure," R. Kline, 4:30 p.m. Thursday, March 11, 404 Plant Science Bldg.

**Vegetable Crops:** "Agriculture and Weed Control Research in Israel," Menashe Horowitz, Israeli Ag. Res. Org., New Ya'ar, Israel, 4:30 p.m. Thursday, March 18, 404 Plant Science Building.

## Sports

**Thurs. thru Sat.**  
Mar. 11-13 Oxley Polo Arena. Intercollegiate Polo Tournament.

**Saturday**  
Mar. 20, 8:14 p.m. Oxley Polo Arena. Women's Polo Alumni.

## Theater

**A Late Snow**  
"A Late Snow," Theatre Cornell's first production of the spring season, will open at 8:15 p.m. today in Drummond Studio and runs through Saturday this week and March 18-20 with a 2:30 p.m. matinee on Sunday, March 14. Tickets are available at the Theatre Cornell Box Office, lower floor of Willard Straight Hall. Box Office hours are 1-6 p.m. Monday through Friday, 256-5165.

The play, which was written by Jane Chambers and is directed by Assistant Professor of Theatre Arts Evamaril Johnson, is described as one that deals with the differences in a mature understanding of life and love and that held by youth.

Meeting unexpectedly at a cabin in the woods as a late snow falls, five women are snowbound. Ellie (Renetta Neal), a university professor, owns the cabin. Quincey (Vicki Hunter), a former student and Ellie's current lover, and Pat (Beth Gilles), a former lover, have delivered a gift to the cabin in Ellie's absence. Ellie arrives unexpectedly, bringing Margo (Connie Ventress), a writer who is looking forward to a quiet retreat. Peggy (Lisbeth Herer), an old classmate of Ellie's, also joins them.

Playwright Chambers has had 14 plays produced professionally. "A Late Snow" was first produced in 1974 by Playwrights Horizons in New York, which also produced her most recent play, "Kudzu."

In 1980, her play "Last Summer At Bluefish Cove," won the Dramalogue Critics Circle Award and the 1981 Villager Downtown Theatre Award for excellence in playwriting. She has also written for films and television, and received the Connecticut Educational Television Award in 1971 for Best Religious Drama.

Scott Sharer has designed set and sound with costumes by David Fletcher. Lighting design is by Ralph Dressler.

**Thurs. through Sat.**  
Mar. 11-13, 8:15 p.m. "Lincoln Hall, Drummond Studio. Theatre Cornell production: "A Late Snow" by James Chambers. A feminist play, directed by Evamaril Johnson.

**Sunday**  
Mar. 14, 8 p.m. "Statler Auditorium. "Harlem Heyday" a play given by a contemporary group which includes down home humor, music of an era gone by, and soft shoe stepping. Sponsored by the Third World Student Programming Board. Tickets on sale at Willard Straight ticket office.

**Thurs. through Sat.**  
Mar. 18-20, 8:15 p.m. "Lincoln Drummond Studio. Theatre Cornell production: "A Late Snow" by James Chambers.

# Sponsored Programs

The Office of Sponsored Programs, 123 Day Hall, 6-5014, wishes to emphasize that the information in this column is intended for post-doctoral research unless otherwise indicated.

## NATIONAL ENDOWMENT FOR THE ARTS

Fellowship Program has an April 16 deadline. Stipends of up to \$3,300 for 13 weeks, plus travel costs to participants. Each intern is assigned to one NEA Program Division. Activities include work with grant applications, panel review sessions, and special projects. The remaining time involves seminars, field trips and National Council on the Arts meetings. More information is available from the Office of Sponsored Programs.

## NATIONAL ENDOWMENT FOR THE HUMANITIES

Announces April 1 deadlines for the following programs:

**Higher Education Pilot Grants** - Pilot grants enable an institution to test a new set of humanities courses before making a substantial commitment to the program. Applicants should have completed the initial stages of planning and have developed a tentative, but concrete proposal addressed to the needs of their humanities curriculum. Pilot grants support such activities as workshops to enable faculty to complete the planning of course content, the pilot teaching of new courses and the evaluation of such courses by consultants. Contact (202) 724-0393, James Jones at the National Endowment for the Humanities.

**Basic Research** - Grants to support research in all fields of the humanities including archaeology. Funded projects tend to be long-term and collaborative. Suitable projects include research that meets a pressing scholarly need, explores the conceptual foundations and/or methodologies of the humanistic disciplines, and advances a fresh understanding of matters important to humanistic scholarships.

**Joint NEH-NSF Program** - Science, technology and human values - This program supports projects which bring humanistic resources and perspectives to bear on issues of ethics and values in science and technology. Proposals for projects in which the humanistic disciplines are predominant should be submitted to NEH. Proposals in which the scientific elements are predominant should be submitted to the National Science Foundation Office.

## NATIONAL SCIENCE FOUNDATION

**Ethics and Values in Science and Technology (EVIST)** - Grants for projects which seek to explore, analyze and help resolve the ethical and social issues connected with the conduct of science and technology are awarded in five categories: ethical issues in the education and professional conduct of scientists and engineers; issues of obligation and constraint associated with scientific and technological organizations and institutions; ethical and social issues associated with new developments in science and technology; effects of changing ethical and social values upon the conduct of science and technology; and ethical issues and value assumptions in the decision-making processes involving science and technology. Within these categories the EVIST program supports a number of activities, including research on specific situations in which ethical issues have arisen in the conduct of science and technology; workshops of national scope to examine professional responsibilities associated with scientific and technological activities; projects of national scope to enable scientists and engineers to improve their ability to deal with the ethical and social issues associated with their work; and projects concerning the integration of EVIST issues into the education of scientists and engineers. All projects supported under the program must have the potential for national impact and must involve people with a broad range of perspectives on the issues to be considered. Proposals may be submitted by colleges, universities, laboratories, industrial firms, citizens

groups, state and local governments, professional associations, and other profit and non-profit organizations.

**Unsolicited Research Proposals** - Grants are made to colleges and universities; non-profit, non-academic research organizations; and private, for-profit firms for research to advance man's understanding of behavior. Programs of potential interest to humanists are offered in the following areas:

**Anthropology Program:** Grants in the areas of archaeology and cultural, social, and physical anthropology spanning all topics, geographic areas, and methodologies; systemic research collections; human origins; the interaction of population, culture, and the environment; and improved methods of radio-carbon and other techniques of dating and analysis.

**Linguistics Program:** Grants in the areas of syntactic, semantic, phonological, and phonetic properties of individual languages by children; psychological processes in the production and perception of speech; biological foundations of language; the social influences on and effects of language and dialect variation; and formal and mathematical properties of language models.

\*There is no specific deadline date for application for these grants. The NSF suggests that proposals be submitted prior to May 1, 1982, in order for each division to prepare for panel meetings.

## AMERICAN PHILOSOPHICAL SOCIETY

**Postdoctoral Research Grants and Grants-in-Aid** - Grants averaging \$1,000 for basic research in all fields of knowledge to persons holding the doctorate or having equivalent scientific or scholarly experience. Contact (215) 627-0706, Whitfield J. Bell, Jr.

## CENTER FOR FIELD RESEARCH

Deadline April 15 - nine months before the expedition goes to the field. Grants to enable scholars to conduct field research in the sciences and humanities. There is no geographical limitation on the project. Call Dr. George E. McCully (617) 489-3032.

## INTERNATIONAL RESEARCH AND EXCHANGE BOARD - IREX

**Special grants for Collaborative Activities and New Exchanges** Grants up to \$10,000 in support of specific collaborative projects and new exchanges. Such undertakings as bilateral and multinational symposia, collaborative and parallel research, joint publications, exchanges of data, comparative surveys, and brief visits necessary in the planning of such projects, will be considered. Awards are to encourage the development of individual and institutional collaboration and exchange in the social sciences and humanities involving scholars from the U.S. and from one or more of the exchange countries, as well as Albania and Mongolia. Grants are not available to support individual study, research, or attendance at scheduled scholarly conferences and meetings.

**Travel Grants for Senior Scholars** - Travel grants to facilitate communication between prominent American scholars in the social sciences and humanities and their colleagues in the countries with which IREX conducts exchanges, as well as in Albania and Mongolia. Preference will normally be given to scholars outside the field of Soviet and East European studies. Applicants must have received a formal invitation from appropriate institution in one of these countries, such as the Academy of Sciences or one of its institutes, for the purposes of consultation, lecturing, etc. Grants to American applicants will consist of round-trip economy air transportation only, and are intended for support of short visits, normally less than 2 months, and are not intended for individual research. There are no application forms for this program. Applicants are requested to submit a letter to the Executive Director indicating the general purpose of the proposed visit, and to include a copy of the formal invitation to the scholar, other relevant correspondence, and a curriculum vitae.

# Brief Reports

## Agriculture Day To Be March 15

"Agriculture: It's Your Heart-beat, America" is the theme of this year's Ag Day, to be celebrated here Monday, March 15.

Displays and demonstrations are among the activities planned by student organizations in the State College of Agriculture and Life Sciences. Events will take place from 9 a.m. to 5 p.m. in the Memorial Room of Willard Straight Hall.

"Ag Day at Cornell is fun and educational," says chairman Elizabeth Hoare, a senior in the college. "Come learn something new, sample our food, and try milking a cow!"

Organized by Ag Pac, the College of Agriculture and Life Sciences Positive Action Council, Cornell's Ag Day provides an opportunity for citizens to recognize the vital role that agriculture plays around the world, particularly in the United States.

## North-East Transit To Extend Service

Late afternoon bus service on North-East Transit will be extended

as of Monday, March 15, according to William E. Wendt, director of Transportation Services.

Route 1B will provide service from the Dairy Bar (Stocking Hall) at 5:50 p.m., and from Day Hall at 5:55 p.m. to Cayuga Heights and Lansing. The last NET bus currently leaves Day Hall at 5:30 p.m. on Route 2B.

The extended service is the result of a ridership survey conducted in December, Wendt said. A significant number of riders indicated that although they enjoyed the service in the morning to get to campus, their schedules did not allow them to use the bus to return home. Additionally, occasional crowding on the bus was observed on the last run.

For more information, call the North-East Transit at 256-2458, or the Office of Transportation Services at 256-4628.

## Oxford Professor Will Give Talk

Richard Ellmann, Goldsmiths' professor of English at Oxford University, will present a lecture, "The Uses of Decadence," at 4:30 p.m. Thursday, March 18, in the Hollis

Cornell Auditorium, Goldwin Smith Hall.

Ellmann is an authority on Anglo-Irish literature and 20th century modernism. His most recent books include "Ulysses on the Liffey," "The Consciousness of Joyce" and "Golden Codgers." His book on Wilde will be published soon.

He holds fellowships at the Royal Society of Literature in the United Kingdom, the American Academy of Art and Sciences and at the National Institute for the Arts.

The lecture is sponsored by the Committee on University Lectures, the Department of English and the Society for the Humanities.

## LaFever to Deliver Invitational Lecture

American foreign policy expert Walter LaFever will deliver this year's Invitational Lecture of the Society for the Humanities at 4:30 p.m. Thursday, March 11, in the Hollis Cornell Auditorium of Goldwin Smith Hall.

LaFever, the Marie Underhill Noll Professor of American History at Cornell, will speak on the topic "Updating Isolationism: The Founders to Eisenhower to Reagan."

Eric A. Blackall, director of the Society for the Humanities, called LaFever "one of the most respected members, both for his scholarship and his teaching, of the Cornell history department." His views on current American foreign policy are sought regularly by news media.

LaFever is the author of a number of articles and books, including "The New Empire: An Interpretation of American Expansion" which won the Beveridge Prize of the American Historical Association; "America, Russia and the Cold War" and "The Panama Canal: The Crisis in Historical Perspective."

His latest book, "Inevitable Revolutions: An Essay on the United States System in Central America," is due to be published this year.

## Poultry Short Course Has Marketing Focus

Representatives of the poultry industry in New York state will take part in the 1982 Poultry Short Course scheduled for March 16-17 here. The meeting will focus on "Egg Marketing in New York."

To be held in the Sheraton Inn Conference Center, the two-day program is sponsored jointly by Cornell Cooperative Extension and the department of poultry and avian sciences in the State College of Agriculture and Life Sciences.

This year's program will feature talks on selling eggs produced in the state, egg marketing costs in the United States, the need to reduce marketing costs, and the use of computers in egg marketing operations.

## Expressionist's Art to Be Exhibited

Some 30 paintings by Jack Tworok, one of this country's leading abstract expressionists since the 1930s, will be on exhibit March 19 through April 30 at the public art gallery in the main entrance of Malott Hall at the Graduate School of Business and Public Administration.

At the same time Tworok, who is now 82 years old, is showing works at Cornell, he will be having a one-man show at the Guggenheim Museum in New York City.

His works are in the permanent collections of nearly 50 museums and public collections in the United States including the Guggenheim Museum, the Whitney Museum of American Art in New York City, and the Museum of Modern Art in New York City.

He has had more than 50 one-man shows since 1940 in museums and galleries all over the world.

The reference collection "Current Biography" devotes two pages to his career and his influence on American art.

## SAGE CHAPEL

### Episcopal Rector Will Give Talk

The Rev. David M. Talbot, rector of St. John's Episcopal Church in Ithaca, will speak at the 11 a.m. Sage Chapel Inter-religious Convocation Sunday, March 14. His sermon topic will be "How to Make an Idol."

Talbot was educated at the College of Wooster (Ohio) Bexley Hall Seminary and St. Augustine's College in England. He was ordained in 1947 and is a member of the Episcopal Diocese of Central New York.

In fall 1980, Talbot traveled to Cairo, Egypt, where he served as Acting Provost of the Episcopal Cathedral. In spring 1981 he served as Acting Vicar of St. Mary's Parish, Oysterly, England.

Music for the service will be provided by the Sage Chapel Choir under the direction of Donald R.M. Paterson, Sage Chapel choirmaster and university organist. Graduate student Stephen May is assistant conductor and accompanist.

## Chinese History, Economy Discussed

A Different kind of "supply side economics" relating to the history of imperial China in the 18th century will be the subject of a lecture at 4:30 p.m. Thursday, March 18, in 230 Rockefeller Hall.

Visiting French scholar Pierre-Etienne Will is scheduled to discuss "State Granaries and Famine Relief During the Qing: Their Role and Capabilities."

Will, who holds an appointment at the Ecole des Hautes Etudes en Sciences Sociales at Paris, is the author of "Bureaucratie et Famine en Chine au XVIIIe Siecle," and is doing research on problems of water utilization in Ch'ing times.

His lecture is sponsored by Cornell's China-Japan Program.

# Graduate Bulletin

Friday, March 19, 1982, is the final date for course change or drop without special processing fee of \$10.

Applications for 1982 Graduate School Summer Fellowships are available at the office of your graduate faculty representative. Completed applications must be submitted to the student's special committee chairperson by March 26. The application and chairperson's statement of support must reach the student's graduate faculty representative by April 5. Questions should be directed to the Fellowship Office, 6-4884.

Applications for 1982 Graduate School Summer Tuition Awards are available at the Fellowship Office, 116 Sage Graduate Center. Completed applications must be submitted to the student's special committee chairperson by April 9. The application and chairperson's statement of support must reach the Fellowship Office by April 19. Questions should be directed to the Fellowship Office, 6-4884.

Applications for 1982 Summer College Work Study are available at the Office of Financial Aid, 203 Day Hall. Graduate students must file the 1982-83 GAPSFAS by March 15, 1982 to ensure consideration for support from this program. Completed Summer Work Study applications and 1982 federal tax returns must be submitted to the Office of Financial Aid, 203 Day Hall, by April 1, 1982.

The following application deadlines are approaching:

March 15: American Hospital Association/Graduate Fellowship in Health Facility Design

March 15: American Museum of Natural History/Lerner Fund for Marine Research

March 15: City of New York Summer Management Program

March 15: Institute of International Education/ British Universities Summer Schools Program

March 15: Kate Neal Kinley Memorial Fellowship

March 15: New York City Urban Fellowship Program

March 15: U.S. Navy/Office of Naval Research Graduate Fellowships

March 31: American Vacuum Society/Scholarship for Graduate Study

March 31: Civitan International Foundation/Shropshire Memorial Scholarship Grants

REMINDER: All graduate students who are NYS residents and who receive

tuition from Cornell-administered sources must apply for a 1981-82 NYS Tuition Assistance Program (TAP) award. The deadline to file is March 3, 1982 for the 1981-82 academic year. Those graduate students who are required to apply for a TAP award for spring 1982 but have not done so will be billed \$300 on their March 9, 1982 Bursar's bill. TAP applications and TAP acceptance forms are available at the Bursar's Office, 260 Day Hall, and at the Fellowship Office, 116 Sage Graduate Center. Questions should be referred to the Bursar's Office, 6-6414, or the Fellowship Office, 6-4884.

Check the Fellowship Notebook at the office of your graduate faculty representative for information on the awards whose deadlines are listed below.

May 1: Clairol Loving Care Scholarship Program — Open to women in any field of study who are U.S. citizens, at least 30 years of age, and who are undertaking training that will be completed in no more than 24 months. Scholarships of up to \$1000 are awarded on a semester basis; this deadline is for the fall 1982 semester. For applications, write to the Scholarship Director, BPW Foundation, 2012 Massachusetts Avenue, NW, Washington, DC 20036.

May 1: NIH Commissioned Officer Student Training & Extern Program — Applicants must have completed one year of study in a veterinary school or some other health-related program. Awardees are commissioned as junior assistant health service officers with pay allowances and benefits similar to those of any commissioned officer in a uniformed service. Applications and further information can be obtained from: Commissioned Personnel Operations Divisions, COSTEP, Parklawn Building, Room 4-35, 5600 Fishers Lane, Rockville, MD 20857.

May 1: Sigma Xi Scientific Research Society/Grants-in Aid of Research— Awards of from \$100 (or less) to \$1000 are made in support of scientific research in any field of study. The fund must be expended directly in support of the proposed investigation. Applications may be obtained from the Awards Committee, Sigma Xi, National Headquarters, 345 Whitney Avenue, New Haven, CT 06511. A sample application is on file at the Fellowship Office.

## The Week in Sports

# Glorious Year for Women Gymnasts

Betsy East brought quite a reputation with her when she was named Cornell women's gymnastics coach in the summer of 1980. During a four-year reign as gymnastics coach at Cortland State, she compiled a 30-9 record in dual meets, including a 10-0 record in 1978-79. In addition, East led her squad to a fourth place finish at the AIAW national tournament in 1979, and a fifth place showing at the national tourney in 1980.

But last season, East's first as Big Red coach, was not a typical "Betsy East year," nor was it a typical year for the Cornell women's gymnastics. Cornell managed just a 3-6 record and came in third at both the Ivy League and New York state championships — its worst showing ever at both meets.

"However," East said, "even though the dual meet record was poor, we worked very hard. I thought we laid the foundation for a very successful future."

It's one year later now and East

knew exactly what she was talking about. The Cornell gymnasts are climbing upward toward the top of the Eastern gymnastics circles. The Big Red is enjoying its best season ever, having won the Ivy League and New York state championships on consecutive weekends (the first time it has won both titles in the same season since 1978-79), and having posted a 7-2 record in dual meet competition.

Cornell has been improving with every meet this year, gathering momentum and smashing school records in the process. Cornell started the dual meet portion of its schedule by scoring 122.50 points in defeating Hofstra while losing to Northeastern in a three-team meet on Jan. 16, and the Red then improved to a team score of 130.35 — a school record — in beating Rhode Island the next week.

The victory over Rhode Island was just the beginning of something big. On Jan. 23, Cornell scored 134.65 points in topping both Temple and East Stroudsburg in a trian-

gular meet. The following Saturday, the Big Red pulled off perhaps the finest win in its eight-year history, shocking Eastern power Massachusetts with a 136.45-136.40 loss. And in its next competition, the Red established a new mark for total team score for the fourth consecutive meet in recording 137.05 points against Ithaca College. Cornell defeated Cortland the next time out before capturing first place honors at both the Ivy and state meets. Then last Saturday, the Big Red set another team record with 137.10 points, despite losing to Eastern powerhouse New Hampshire.

As it gets ready for the EIAIW championships on March 19-20 at Clarion State, Cornell is currently ranked second among EIAIW schools, and as high as sixth overall among all Eastern teams (some of the Eastern schools have elected to participate in NCAA rather than AIAW competition this season). The Red is rated right up there with such powers as Penn State, Pittsburgh and New Hampshire.