

Trustees Schedule An Open Meeting

The Cornell University Board of Trustees, to comply with a ruling of the New York State Supreme Court, will open part of its March meeting to the public, pending a determination by the board of whether or not to appeal the court decision.

An open meeting of the full board has been scheduled at 2 p.m. Friday, March 7, in the ballroom of the Statler Inn to discuss and act on matters related to the administration of the statutory colleges.

According to University Counsel Walter J. Relihan Jr., the Executive Committee, meeting Thursday afternoon, and an executive session of the full board, scheduled Friday morning, will not involve the administration of statutory units and will be closed.

Relihan said when agenda items include parts which involve the administration of combined endowed and statutory divisions, they will be scheduled in open session unless they can be conveniently separated.

State-related items may also be dealt with in closed session when they involve litigation, collective negotiations, certain personnel matters, course examinations, and certain issues involving acquisition, sale, lease or exchange of real property or securities when publicity would affect the value of that property.

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Confidentiality Policy Upheld Referendum Still Possible

By an 88 to 79 vote, the full faculty last week upheld the policy the Faculty Council of Representatives adopted last Nov. 14 concerning the confidentiality of appraisal letters.

Those opposed to the policy as it was adopted may petition for a faculty-wide referendum to be conducted through the mail, Dean of Faculty Kenneth Greisen said.

A petition with 103 signatures would have to be filed with the dean within 20 days of the faculty's Feb. 20 meeting.

Most of the opposition at last week's meeting centered on claims that the policy creates an undue administrative burden, and prolongs the promotion process as well as causes unnecessary personal pain to candidates.

Details of the pro and con arguments concerning the policy appear in the FCR minutes of its Nov. 14 meeting, which are published in the

Dec. 6 Chronicle. Details of last week's debate can be read when those minutes appear in a future issue of the Chronicle. The Chronicle is the official vehicle for the publication of faculty and FCR minutes.

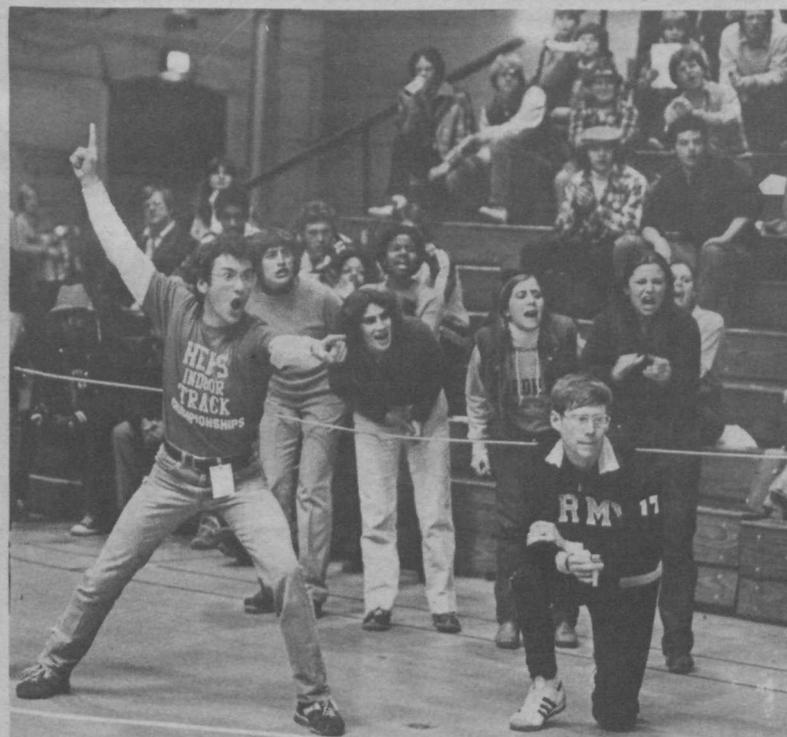
The policy, as it was adopted in November and upheld last week, reads as follows:

Be it resolved that when a department or school of Cornell University (except for those in the Medical College and the Graduate School of Medical Sciences) is in the process of deciding what recommendation to make regarding the reappointment or promotion of a member of the faculty, the chairperson of that department or school will notify the candidate of

that fact and provide the candidate with a detailed written summary of the facts and opinions on which the

decision will be based. The summary is to be written in such a way as to mask the identity of the holders of the opinions summarized and the authors of the letters paraphrased. Before the summary is given to the candidate, it is to be made available to each member of the department or school who will be voting on the recommendation. The summary must be given to the candidate long enough before the department, school, or committee makes its decision so that the candidate has a reasonable opportunity to make any response he or she may choose to make. The candidate's response will be made available to each member who will be voting on the recommendation, and the summary and response will become part of the file of material on which the decision is based.

See related story on Page 6.



How could Cornell's Dan Predmore '80 do anything else but: a) win the 5,000 meters; b) finish first on the anchor leg in a come-from-behind distance medley relay team victory; c) be named the Outstanding Performer in the 1980 Heps at Barton Hall, with this kind of enthusiastic information and encouragement—plus his own gritty talent? In this year's version of the annual Heptagonal Games, 10 meet records were set, two involving Predmore. He shattered the 5,000 mark of 14:30.52 and left the field well back with his time of 14:18.5. He overcame two men in the distance medley anchor to win by three-tenths of a second in 10:05.6. Cornell finished fourth in the meet, behind Princeton, Pennsylvania and Navy.

State Budget Picture Cloudy

Units Here Could Be Hurt

Anyone who read nothing but good news in the recently proposed state budget for the statutory units at Cornell didn't go far enough in Gov. Carey's presentation to the Legislature, according to Constance E. Cook, Cornell's vice president for land grant affairs.

"Although Gov. Carey has recommended funding a significant portion of the University's budget requests, Cornell will be adversely

affected by two major proposals in the Executive Budget, if they are adopted by the Legislature," Cook said.

She was referring to proposed reductions totaling \$26.3 million for the State University of New York system, and the governor's proposed reduction of more than 50 percent in state aid — "Bundy money" — to the endowed colleges at Cornell.

Cook said, "We feel the proposed cuts in the SUNY appropriations are too large, too soon and too fast."

While there has been no allocation of cuts to specific campuses, Cook observed that "if Cornell were to be allocated an across-the-board share of the reductions, a substantial reduction in the work force would be required."

Based on experience, it has been estimated that such cuts in the four

statutory colleges at Cornell could mean 100 to 140 fewer state-funded positions and would take a reduction of from \$1.5 to \$2 million.

A proposed state-wide reduction of \$12.3 million has been called for by the Division of the Budget. A second reduction of \$14 million represents the governor's decision to cut all state agencies by 2 percent to balance the total budget.

The drastic reduction proposed by

the Division of the Budget anticipates that SUNY enrollments will drop in the next five years as the number of high school graduates declines. The cut now seems to be an effort to capture the budgetary benefits prematurely, Cook said.

At Cornell, however, applications have not declined and enrollments are at capacity. "A planned program of budget reduction may be

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Rhodes Briefs Counsel on Current Topics

Discusses Several Campus Issues

President Frank Rhodes, in his speech before the Campus Council last week, spoke on several topics including employee relations, the campaign, the budget, tuition and the recent ruling by the New York State Supreme Court Justice concerning open meetings of the Board of Trustees.

On employee relations, Rhodes said that there "is a lot of activity on campus..." in an attempt to unionize the non-exempt employees. He also said that the University's position is "to respect and protect the right of individual employees to make an informed decision as to whether they join or do not join a particular union. Although the debates may warm up," Rhodes continued, "the University will do its utmost to provide information which will ensure the freedom of employees to make their own choice."

On open meetings Rhodes explained that the recent ruling deals with open Board of Trustees meetings to the extent that they deal with matters affecting the four statutory colleges. He said that the administration is looking at the implications of the ruling on the March meeting of the board and pointed out that, although there are some technical problems with opening the meetings to the public, he expected part of the next meetings to be open. Rhodes

also said that the final decision as to whether or not an appeal is made on the ruling will be made by the Board of Trustees itself.

Rhodes said that the objectives of the recently released University budget are to improve faculty and staff salaries, which he said had fallen behind both in comparison with local industry and with peer institutions; improve the quality of undergraduate instruction; upgrade facilities and equipment, and maintain the purchasing power of invested funds by reinvesting them in different ways, and to do this within a balanced budget.

Rhodes also said, "We have done the utmost to prevent tuition increases," but indicated that future tuition increases will have to remain slightly above inflation. However, he said that financial aid will be increasing along with any tuition increases.

The Cornell Campaign, according to Rhodes, has raised a little more than \$180 million with 10 months left in the campaign. The final goal is \$230 million. Rhodes also said that "inflation continues to erode the real value of the total sum established five years ago. Many of the gifts received, welcome as they are, are in the form of bequests which aren't immediately available and in the form of carefully designated funds which are not available for

Campus Council

general use."

Next fall's enrollment target is 16,675, down about 75 from this year, Rhodes said. He also said that the applications for next fall, although figures are tentative, show an increase of "one or two percent." Second semester enrollment, he said, was up 19 percent over last year and our attempt to balance first and second semester enrollment "is gradually moving along."

Rhodes also gave a progress report on the three building projects

on campus. Ground has been broken and foundations are being laid for the \$14.2 million biological sciences building on lower alumni field; the \$3.4 million National Center for Submicron Studies building is "on its way up" as part of the engineering quad complex; fall completion of the extension to Gannett Clinic will release space from Sage Infirmary, which might be renovated to add about 120 beds to those available in campus housing.

Although there was the lack of a quorum at the meeting, the council

debated a proposed revision of the non-discrimination policy relating to fraternities and sororities.

The current policy requires the organizations to sign a statement annually declaring that they do not discriminate based on race, color, creed or place of birth. The new proposal would relax the statement-signing requirement.

Action on the proposal was tabled and is on the agenda for the council meeting at 4:45 p.m. today in 701 Clark Hall. Other items on the agenda include a referendum proposal from the Internal Operations Committee, a proposal for a student activities fee and a proposal from the Cornell Public Interest Research Group.

All meetings of the Campus Council are open to the public.

Petitioning for Seats to Begin

Cornell employees and students are reminded that petitioning for a total of 12 student and employee vacancies on the Campus Council and Board of Trustees will begin Monday, March 3, and continue through 4 p.m. Wednesday, March 12.

Petitions are available in the Campus Council Office, 133 Day

Hall, or by calling 256-3715.

For the Campus Council, there are two employee vacancies—one one-year term and one two-year term. There are four undergraduate seats, two one-year terms and two two-year terms, and two graduate student vacancies, one one-year term and one two-year term.

Because of constituency require-

ments for the undergraduate seats, only one ILR student may be elected, as one ILR student will be continuing on the council for another year.

For the Board of Trustees, there is one two-year term for an employee trustee and for student trustee there are three vacancies—one one-year term and two two-year terms.

Open Meetings...

Continued from Page 1

Relihan pointed out that all regular public meetings must be preceded by posted notice and notice to the media 72 hours in advance.

The agenda for the open meeting of the full board is expected to include the following:

A report by President Frank Rhodes.

An informational report on the Shoals Marine Laboratory by Director John B. Heiser.

Personnel items.

Reports of Committees.

Recommendation for steam distribution on Lower Alumni Field.

Recommendation for purchase of computer equipment.

The trustees will participate in special tours of the campus during their meeting on Friday and will also have the opportunity to attend classes.

Meetings of committees open to the public will include:

Academic Affairs Committee, 7:30 a.m., Friday, March 7, North Room, Statler Inn.

Building and Properties Committee, 9 a.m., Thurs., March 6, Conference Room, Day Hall.

State Budget

Continued from Page 1
appropriate when SUNY enrollments do decline, but such anticipatory cuts as those proposed would work a real hardship now," Cook said.

State legislators are now reviewing the governor's proposals. The Senate and the Assembly must pass a budget bill by March 31 so it will reach the governor by April 1, the start of the state fiscal year.

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Students Work On Olympics Flowers

Spectacular floral decorations for the Winter Olympics accentuates the festive mood of the games at Lake Placid.

Six Cornell students, led by Professor Raymond T. Fox in the department of floriculture and ornamental horticulture of the State College of Agriculture and Life Sciences, worked with professional florists to create the floral decorations winter games.

The students are Matt Horn of New City; Steven R. Malsch of Newark Valley; Barbara B. Redder

of Pine Bush; Elaine N. Schuler of Whitestone; Thomas Breiten of Cooperstown, and Gary J. Keever of Rock Hill, S.C. All are majoring in floriculture and ornamental horticulture.

Fox, a nationally recognized expert of floral arrangements said that the international effort to decorate the Olympic facilities offered an invaluable opportunity to his students.

Flowers from around the world were used in the decorations, with more than 100,000 blooms shipped in

from all over the United States, the Netherlands, Israel, and South America. The flowers include roses, carnations, chrysanthemums, tulips, irises, heathers, daffodils, hyacinths, amaryllis, lilies, freesias' gerberas, alstroemerias, and a wide variety of cut foliage and decorative foliage plants.

The value of these flowers and services, all being donated, is estimated at more than \$175,000. Coordinating the contributions was Florists' Transworld Delivery.

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, 440 Day Hall. Cornell is an affirmative action employer.

Clerical

Secretary, GR20 (H.D. & F.S.)
Office Asst., GR19 (Ofc. of Financial Aid)
Word Processing Oper., GR18 (B&PA)
Secretary, GR18 (Arch., Art & Plan./City & Reg. Plan.)
Secretary, GR17 (Operations Res. & Indus. Engr.)

Secretary, GR17 (Psychology)
Secretary, GR16 (Agric. Engr.)
Accounts Clerk, NP-6 (Finance & Business Ofc.)
Library Asst. II, NP-5 (NYSSILR)
Library Asst. II, NP-5 (Mann Library)
Records Clerk I, NP-4 (Animal Science)

Service & Maintenance

Cook, GR21 (Dining Svcs.)
Cook, GR18 (Dining Svcs.)
Material Handler, GR18 (Dining Svcs.)
Food Service Worker, GR17 (Dining Svcs.)
Dishmachine Operator, GR16 (Dining Svcs.)
Custodian, GR16 (Dining Svcs.)

Cashier, GR15 (Dining Svcs.)
Food Service Worker, GR14 (Dining Svcs.)
Custodian, GR16 (Residence Life)(2)
Custodian, GR16 (Bldgs. & Grnds. Care)

Tech. Aide I, NP-9 (Horticulture Res. Lab.) (Long Island)
Animal Tech., NP-8 (Vet. Microbiology)
Field Asst. II, NP-7 (Plant Breeding & Biometry)

Lab. Asst. II, NP-4 (Vet. Microbiology) Technical
Systems Analyst III, CPO5 (Computer Svcs.)

Applic. Programmer II, CPO4 (Computer Svcs.)

Res. Su. p. Spec. II, CPO4 (Plant Pathology)

Applic. Programmer I, CPO3 (Computer Svcs.)

System Program. I (Hardware Support Spec.), CPO3 (Computer Svcs.)

Extension Support Aide, CPO2 (Entomology)

Computer Programmer, GR24 (Computer Svcs.)

Technician, GR21 (Biochem., Molec. & Cell Biol.)
Technician, GR20 (Biochem., Molec. & Cell Biol.)
Res. Technician I, NP-8 (Agronomy)
Field Asst. II, NP-7 (Plant Breeding &

Biometry)
Jr. Tech. Aide, NP-7 (Diagnostic Lab.)
Jr. Tech. Aide, NP-7 (Diagnostic Lab.)

Administrative/Professional
Director of Admin. Services, CPO8 (Univ. Libraries)
Sr. Engineer/Architect I, CPO6 (Design & Project Mgmt.)

Part-time and/or Temporary
Secretary, GR16 (Agric. Economics)
Secretary, GR16 (Education)
Custodian, GR16 (Statler Inn)

Library Asst. II (Retrocon Project Data Collector/Input Operator, NP-5 (Mann Library)

Academic
Ext. Assoc. II, CPO4 (D.E.A.)
Asst. Prof. (Shelter for Human Habitation) (D.E.A.)

Asst. Prof. (Arch., Art & Plan./Fine Arts)
Ext. Assoc., CPO3 (Program Asst. Nutri/NYC) (Co-op Ext.)

Ext. Assoc. II, CPO4 (Reg. Ext. Spec. Fruit/Wayne Cty., Alton, N.Y.) (Co-op Ext.)

Res. Assoc. III, CPO5 (Geol. Sci.)
Sr. Res. Assoc. II, CPO8 (Geol. Sci.)
Res. Assoc. III, CPO5 (Geol. Sci.) (2)
Ext. Assoc. III, CPO5 (NYSSILR—NYC)

Guide Dogs Help Students Not All Shepherds Anymore

"You can't teach an old dog new tricks" goes the traditional saw.

But "new" dogs are being taught old tricks at guide dog training schools all over the country, and two Cornell students are delighted about it.

Donna West's chocolate Labrador and Barry Honig's Golden Retriever are skillful guide dogs, as able as any German Shepherd, the breed traditionally pictured as the guide dog.

The lack of conscientious breeding of shepherds diminished their quality during the 1970s, while at the same time other breeds were being found to be just as able as guide dogs.

Also, blind men and women, including West and Honig, were discovering that they didn't need guide dogs as big as German Shepherds.

West, who calls Coco "a trusted companion," is a third-year graduate student from Clark, N.J. She has a master's degree in Spanish linguistics and is doing research at Cornell in child language acquisition.

"If anything ever happened to Rhina, I'd bag the whole thing (quit school) and get another dog," is the feeling of Honig, a freshman mathematics major from Bayside, N.Y.

And, he adds with a smile, "When

you spell Rhina, use the 'h' because she's got class."

There's a lot of class in all guide dogs, the new as well as the old, but that alone doesn't overcome the problems they face.

Dogs on the loose—in more ways than one—are always a problem, and West and Honig urge the enforcement of leash laws.

Loose running dogs are so common on the Cornell campus that a long standing, widespread myth exists. *Someone, the story goes, once left a large sum of money to the University with the proviso that dogs should forever run free on campus.*

Thoughtless humans who call, feed or wish to pet guide dogs at work are an even more upsetting problem.

As if the guide dogs and their owners didn't have enough to think about, a couple of recent "advances" have added more worries to their lives.

Curb cuts, a boon to persons in wheel chairs, are a liability for West, Honig and their dogs. Guide dogs have been trained to stop at curbs; with curb cuts they may unintentionally walk into the street.

The right-turn-on-red law in many cities is another new hazard for the blind and their dogs. The training for crossing at intersections is based on traditional traffic flow.

As a result, those guide dog training schools will have to start teaching some new tricks to new dogs.



Coco (left) and Rhine don't smile often, but their persons—Donna West and Barry Honig—are unhesitating in expressing their happiness over their trusted friends.

Responding to Change Is Conference Topic

Community planning and public education programs dealing with change are to be discussed on campus at the fourth annual Social Trends and Outlook Conference Tuesday and Wednesday, March 4-5.

Environmental and social implications and energy use resulting from changes in employment, business locations, and housing patterns will be presented by Cornell faculty members. Changes in land use and the implications for community life will be shown in a slide presentation.

Planners, Cooperative Extension agents, social service directors,

members of community and agency advisory boards, and concerned citizens are invited to the conference. It is co-sponsored by the department of rural sociology in the State College of Agriculture and Life Sciences and the department of city and regional planning at Cornell.

The registration fee for the conference is \$19 per person and pre-registration is advised. To register and for further information, contact Professor Paul R. Eberts, conference coordinator at 323 Warren Hall.



Wood from ancient sites now provides clues to the age of monuments. Becky Casey and Peter I. Kuniholm operate a dendrochronology laboratory in Goldwin Smith Hall.

Ancient Rings Tell Time New Tool for Archaeologists

With scaffolding and climbing apparatus, electric drills and computers, a Cornell team of archaeologists is bringing a new degree of precision to dating some of the oldest structures in Greece and Turkey.

Under the direction of Peter I. Kuniholm, professor of classics at Cornell, the young archaeologists will return to Greece again this summer to drill holes in live trees in Greek forests, in tie-beams from Byzantine churches, and to measure dowels from the column drums of the Parthenon. Their method is known as dendrochronology, the science of dating wood by counting and measuring annual tree rings. The goal is to establish a 9,000 year master chronology for the Aegean and Eastern Mediterranean region, reaching from the present back to the seventh millennium B.C.

Wood core samples drilled from standing trees and ancient monuments are brought to Cornell where Kuniholm has set up a basement laboratory in Goldwin Smith Hall. Surrounded by a ghostly collection of Greek statues, Kuniholm and some 20 student workers measure the thickness of the tree rings with microscopes and plot their findings on graphs.

"The size of the annual tree ring is controlled by climatic factors," Kuniholm explains, "perhaps a wet year or a dry year, the exposure, the prevailing wind, the altitude or a

cold winter or some combination of all these. In the highlands of Turkey, for example, drought is the chief limiting factor."

Measurements for each wood sample are entered—year by year and tree ring by tree ring—on graphs with the base line representing normal growth. High points on the graphs are years of greater growth and wider tree rings; low points are years of lesser growth. The resulting signature pattern is as distinctive as a thumb print on a policeman's blotter, Kuniholm says. Wood grown during the same period in the same climatic region will display a similar pattern. By superimposing patterns on a light table, the researchers can build a chronology for hundreds and it is hoped, thousands of years.

Once a chronology for a region is established, archaeologists will be able to take measurements from a wood or charcoal sample of unknown age, match the tree ring pattern and determine when the structure was built or at least when the tree was cut.

Until Kuniholm and his collaborator, University of Pennsylvania art history professor C.L. Striker, began their dendrochronological work in 1977 dating in the Eastern Mediterranean was accomplished by less precise methods such as the analysis of pottery and architecture styles, the study of coins and the collection of radio-

carbon samples, among others. Dendrochronology allows a sample of wood when it is well preserved to be dated exactly to the year in which it was cut. Kuniholm can sometimes determine what time of year the tree was cut and whether the lumber was used immediately or allowed to dry before construction.

Dendrochronology has been used to establish dates in the southwest U.S. where the bristlecone pine grows to 4,000 years of age and in northern Europe, for instance on the panel paintings of the Dutch masters, but never before in the Middle East. Because the tree ring data, measured in hundredths of a millimeter, lends itself to quantification, Kuniholm has been able to add another twist to the science—computer storage and analysis.

In the summer of 1979, some 9,000 kilometers of travel in Greece produced 411 tree ring samples from 34 sites. At Thessaloniki, Kuniholm's team was invited by the archaeological authorities to try their technique on a number of Byzantine and Turkish buildings, damaged by devastating earthquakes which had stripped away plaster and exposed wooden beams. The project is now in its second year of a three-year grant from the National Science Foundation and the National Endowment for the Humanities (NEH).

Calendar Of Events

All items for publication in the Calendar section, except for Seminar notices, must be submitted by mail or in person to Fran Apgar, 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.

Seminars

- Agricultural Engineering/Environmental Studies:** "Sludge Utilization in Agriculture: The European Experience," Eric Kresse, Oneida Co., 1:15 p.m. Thursday, Feb. 28, 400 Riley Robb.
- Atomic and Solid State Physics:** "Ortho-H₂ Impurities in Para-H₂: Orientational States and Diffusion," Horst Meyer, Duke University, 4:30 p.m. Tuesday, March 4, 700 Clark Hall.
- Atomic and Solid State Physics Theory:** "Antiferromagnetic Structure of Solid Helium-3," D. S. Fisher, Bell Telephone Laboratories, 1:15 p.m. Thursday, Feb. 28, 701/702 Clark Hall.
- Atomic and Solid State Physics/Chemical Physics:** Title to be announced, David R. Nelson, Harvard University, 1:05 p.m. Tuesday, March 4, 701/702 Clark Hall.
- Biochemistry:** "Biochemical Aspects of Insect-Plant Interactions," Paul Feeny, 4:30 p.m. Friday, Feb. 29, 204 Stocking Hall.
- Biochemistry, Molecular and Cell Biology:** "Control of Membrane Permeability of Transformed Mouse Cells by External ATP," Takayuki Kitagawa, 12:20 p.m. Monday, March 3, Wing Hall Library.
- Biochemistry, Molecular and Cell Biology:** "The Ribosomal Genes of Physarum Are In A Minichromosome Whose Transcription is controlled by Protein Modification," Richard Braun, University of Bern, Switzerland, 4 p.m. Wednesday, March 5, 105 Riley Robb.
- Biological Sciences:** "Mathematical Demography and Optional Life Histories," Hal Caswell, University of Connecticut, 4:30 p.m. Thursday, Feb. 28, Langmuir Penthouse.
- Boyce Thompson Institute:** "Bacteriophage Mu as a Transposition Element," Rasika Harshley, Cold Spring Harbor Laboratory, 3:15 p.m. Wednesday, March 5, Boyce Thompson Institute Auditorium.
- Campus Life:** "The Career Development Process," Tom Develin and Jim McPherson, 9 a.m. Thursday, March 6, Elmfirst Room, Willard Straight Hall.
- Chemistry, Special Seminar:** "Fourier Transform ENDOR—Solid State NMR of Free Radicals Detected by Electron Spin Echoes," Mike Bowman, Argonne National Laboratory, 3:30 p.m. Friday, Feb. 29, 132 Baker Lab.
- Education:** "Utopian Reality: Connecting Values and Knowledge in Teaching About War and Peace," Debra Dyason, 4:30 p.m. Monday, March 3, Stone Hall Lounge.
- Food Science:** "Sleuthing Fruit Concentrates," Ronald Wroldstad, Oregon State University, 4:30 p.m. Tuesday, March 4, 204 Stocking Hall.
- Material Science:** "Accelerated Fatigue Methods—Theory and Practice," C.K. Lim, IBM, 11:15 a.m. Friday, Feb. 29, 140 Bard Hall.
- Material Science:** "The Relation Between Microstructure and Properties in Some Polycrystalline Ceramics," Charles Greskovich, General Electric, 11:15 a.m. Monday, March 3, 140 Bard Hall.
- Material Science:** "SiO₂ Films and MOS Devices," Bern Kossicki, Fairchild, 11:15 a.m. Wednesday, March 5,

140 Bard Hall.

Materials Science and Engineering: "Alloy Chemistry of Metallic Glasses," W. Giessen, Northeastern University, 4:30 p.m. Thursday, Feb. 28, 140 Bard Hall.

Mechanical and Aerospace Engineering: "Evolution of a Graphics Package," Walter Niehoff, IBM, 4:30 p.m. Tuesday, March 4, 282 Grumman Hall.

Microbiology: "30 Years of T.G.E.," E. O. Haelterman, Purdue University, 4:30 p.m. Thursday, Feb. 28, Conference Room, James A. Baker Institute, Snyder Hill.

Microbiology: "Cell Interactions in the Myxobacteria," Martin Dworkin, University of Minnesota, 4:30 p.m. Thursday, Feb. 28, 124 Stocking Hall.

Neurobiology and Behavior: "Evolution of Perception in Echolocation," James Simmons, Washington University, St. Louis, 12:30 p.m. Thursday, Feb. 28, Langmuir Laboratory Penthouse.

Plant Physiology: "Investigation of Amino Acid Transport by Electrophysiological Techniques," T. Kinraide, University of Vermont, 11:15 a.m. Friday, Feb. 29, 404 Plant Science.

Pomology: "Apple Tree Responses to Water Stress," A. Lakso, Geneva Exp. Station, 11:15 a.m. Monday, March 3, 114 Plant Science.

Psychology: "Emotions," Carroll Izard, University of Delaware, 3:30 p.m. Friday, Feb. 29, 202 Uris Hall.

Theoretical and Applied Mechanics: "The Application of Nonlinear Beam Theory to the Solution of Machine Design Problems," Bill Parzygnat, Xerox Corp., 4:30 p.m. Wednesday, March 5, 205 Thurston Hall.

Vegetable Crops: "Vegetable Crop Production in the Capital District," Joseph J. Cuniglio, Regional Extension Specialist for the Capital District, Albany, 4:30 p.m. Thursday, Feb. 28, 404 Plant Science Building.

Vet. Microbiology: T. O. Diener, A.D. White Professor at Large and United States Department of Agriculture, 4:30 p.m. Wednesday, March 5, James A. Baker Institute Conference Room, Snyder Hill.

Women's Studies: "The Disadvantaged Woman," Shirley J. Harrell, 12:15 p.m. Friday, Feb. 29, 105 ILR Conference Center.

Lectures

Thurs., Feb. 28, 10 a.m. H.F. Johnson Museum. "Beyond the Taj: Diversity in Indian Architecture," Robert D. Mac Dougall, Architecture. Open to the public. Cornell Campus Club Fine Art Series.

Thurs., Feb. 28, 7:30 p.m. Stimson G-1. "A Winter Escape to the Caribbean," Don Rhodes. Jordani Lecture and Free Film Series.

Thurs., Feb. 28, 8 p.m. Ives 117. Lecture on Cambodia by Don Luce, Clergy and Laity Concerned. Cornell Committee of Concerned Asian Scholars.

Thurs. Feb. 28, 6 p.m. Kaufmann

Theatre Cornell Adds Fourth Play

Theatre Cornell has added a fourth play to its spring season—William Hanley's "Slow Dance on the Killing Ground," the first production for the group in the Risley Theatre.

Performances will be at 8:15 p.m. March 6-9 and 13-15. Tickets may be purchased in advance at the Theatre Cornell Box Office, lower floor of Willard Straight Hall. Box office hours are 1 to 6 p.m. Monday through Friday. Reservations can be made by calling 256-5165.

When Hanley's play opened on Broadway in 1946, critics called it "the most original serious play we have had in our theatre in a long

Auditorium, Goldwin Smith Hall, "The United States and the Soviet Union: A Strategic Study," J. William Mittendorf, former Secretary of the Navy and former ambassador of the United States.

Friday, Feb. 29, 8 p.m. 225 Goldwin Smith, "Poeta e Popolo," Danilo Dolci, Italian poet and educator. The lecture will be in Italian with a simultaneous English translation. Funds are provided in part by the F. J. Whiton Lecture Fund. Sponsored by Il Circolo Italiano and the Western Societies Program.

Fri., Feb. 29, 8 p.m. Goldwin Smith Hollis E. Cornell Auditorium. J. Bruce Llewellyn, a member of President Carter's Cabinet, president of OPIC (Overseas Private Investment Corporation) will speak to the Cornell Community.

Sat., Mar. 1, 7:30 p.m. Anabel Taylor Auditorium. "Afghanistan and Iran: An Insider's Analysis," Geoffrey Godsell, international correspondent of The Christian Science Monitor. Sponsored by the Christian Science Organization, the Peace Studies Program, the Center for International Studies, and the Department of Near Eastern Studies. The public is invited.

Every Sunday, 7:15 to 8:30 Main Lounge of the Statler Inn, the Tavola Italiana. Conversation in Italian, films or informal talks on Italy are planned.

Mon., Mar. 3, 8 p.m. A.D. White House. "Kipling: A Pussycat in the Path," Hansford Martin, visiting associate professor of English. Sponsored by English Department.

Tues., Mar. 4, 4:30 p.m. 101 Bradfield, Buckman Auditorium. "Andrew D. White: Antirationalism Then and Now," Theodor O. Diener, Plant pathologist, U.S. Department of Agriculture and Andrew D. White Professor-at-Large. The public is invited.

Wed., Mar. 5, 8:30 p.m. Veterinary College James Law Auditorium. "Both Sides of Infinity," Robert F. Smith, Department of Biomedical Communications of the New York State College of Veterinary Medicine. A slide presentation which will deal with the relationship between the macrocosm and the microcosm and Man's insatiable appetite for delving into the secrets of nature. The public is welcome and admission is free.

Thurs., Mar. 6, 7:30 p.m. Stimson G-1. "Female Mimicry as a Reproductive Strategy in Bluegill Sunfish," Wallace Dominey. Jordani lecture and free film series.

Thursday, March 6, 12:30 p.m. Hagin Room, Vet. College, "Searching the Homes of Cornell Founders," Carol Sisler, executive director, Historic Ithaca. Sponsored by the Campus Club of Cornell.

Miscellaneous

Every Thursday, 4 p.m. Open prose and poetry reading. Everyone invited. Goldwin Smith Temple of Zeus.

Announcements

Writing Center's Walk-In Service Monday through Thursday, 2-4 p.m. and 7:30-10 p.m.; Sunday 3-8 p.m. Closed Friday and Saturday. Rockefeller 302.

Sun. Mar. 2, 8-11 p.m. Bound for Glory radio show on WVBR, live music from the Commons Coffeehouse, Anabel Taylor. Performer is John Mooney, blues.

Cornell Savoyard's Ticket Sales. Tickets will be on sale for spring production of Gilbert and Sullivan's "The Grand Duke" at Alice Statler Auditorium box office, Monday through Saturday, Feb. 25 through March 9; 11 a.m.-6 p.m.

Sun. Mar 9, 8-11 p.m. Bound for Glory radio show on WVBR, live music from the Commons Coffeehouse, Anabel Taylor. Performer is Roger Sherman, outrageous songs.

Sat. Mar 1, 7:30 p.m. The Faith Bible Church, 429 Mitchell St. The five-part film series, "Whatever Happened to the Human Race" by Francis A. Schaeffer and C. Everett Koop, M.D. These films address the issues behind practices once labelled "unthinkable" but which are now considered acceptable: abortion, infanticide, and euthanasia. The title for each episode are: "The Abortion of the Human Race," "The Slaughter of the Innocents," "Death by Someone's Choice," "The Basis for Human Dignity," and "Truth and History." A Sunday matinee will follow each showing at 2 p.m. Saturday evening dates are March 1, 8, 29; April 5 and 12.

Religious Meetings

Every Thursday, 7 p.m. Anabel Taylor Founders Room. Christian Science Organization. Faculty, students, staff and visitors to campus are welcome at weekly readings and testimonies meeting.

Every Saturday, 4 p.m. Anabel Taylor Edwards Room. Cornell Chinese Bible Study Group meets for singing and Bible studies in English, Cantonese, and Mandarin. All welcome.

Every Sunday, 12:30 p.m. Anabel Taylor 218. Study and discussion hour on Islam. Organized by MECA of Cornell.

Every Tues, Thur, Fri, 8 p.m. Highland House D-24. TWIG Bible Fellowship.

Every Thurs., 3:45 p.m. Anabel Taylor G-34. Basic Judaism with Rabbi Henry Morris. **Thursday**

Feb. 28, 9:30 p.m. Hug Ivri. Call Hillel Office for location.

Social Events

Fri., Mar. 7, 7 p.m. *Anabel Taylor One World Room. "Turkish Night" of Turkish cuisine, Turkish folk dancing exhibition and workshop, live Turkish Folk music, exhibition of Turkish Art and handicrafts, movies and slides from Turkey. Sponsored by Turkish Students Association.

dancer from Riverdale, who has lost her way in the deserted side streets. When she enters the shop she promptly faints and the three learn to understand themselves and each other.

The play is directed by Ted Rat-tray, who directed last fall's production of Steinbeck's "Of Mice and Men." Ken Golden is set designer and Patrice Alexander is the lighting designer. Costumes are by Vicki Davis.

Drew Karus is seen as Glas, Tom Ellis is Randall and Katie Schmidt plays Rosie.

Enter Rosie, an 18-year-old

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B. F. Maiz, poet and philosopher, will hold a fireside recitation at 8:30 p.m. today in the Memorial Room of Willard Straight Hall. The Pamoja Ni Singers will accompany Maiz for the evening of poetry and music. A reception for Maiz, who is on campus this week as "Humanist in Residence," will be held at 10 p.m. The public is invited to both the program and the reception.

Sports

- Friday**
Feb. 29, 5:15 p.m. *Barton. Cornell Men's JV Basketball-Eisenhower.
Feb. 29, 7 p.m. Teagle. Cornell Men's Gymnastics/Springfield.
Feb. 29, 7:30 p.m. *Barton. Cornell Men's Varsity Basketball-Princeton.
- Saturday**
Mar. 1, 2 p.m. *Lynah. Cornell Men's Varsity Hockey/Princeton.
Mar. 1, 5:15 p.m. *Barton. Cornell Men's JV Basketball-LeMayne.
Mar. 1, 7:30 p.m. *Barton. Cornell Men's Varsity Basketball-Pennsylvania.
Mar. 1, 8:15 p.m. *Oxley. Polo Arena. Cornell Men's Polo-Unadilla.
- Wednesday**
Mar. 5, 7:30 p.m. *Lynah. Cornell Men's Varsity Hockey-Providence.

Exhibits

Herbert F. Johnson Museum "Don La Viere Turner: Metalpoint Paintings," through March 2; "Beyond the Taj: Diversity in Indian Architecture," through March 30; "The Sculpture of Richard Stankiewicz," through March 21; "Selections from the Permanent Collection," including Asian art, Renaissance prints, Old master and contemporary painting and sculpture. Museum hours: Tuesday through Sunday, 10 a.m.-5 p.m. Tours may be arranged by calling the Education Department two weeks in advance (256-6464).

Olin Library "Five Centuries of German Books." Richly illustrated with woodcuts and engravings, these volumes begin with the Humanism of the 15th century, range through the Reformation, through literature, history and travel, on into the 20th century. Through early April.

Uris Library "Calligraphy and Posters of Peter Kahn." Included are instructions on calligraphy for the beginner, as well as original posters and drawings by this Professor of Art History at Cornell.

Sibley Dome Gallery Student Photography and Printmaking, through March 1. Urban Design Exhibition, Dept. of Architecture, March 3 through March 14.

March 1980						
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Music

Malcolm Bilson, professor of music, pianist, will present a free public recital in the Barnes Hall auditorium at 8:15 p.m. Friday, Feb. 29, and will repeat it at 8:15 p.m. Saturday, March 1.

The program will consist of the Impromptu in F minor, Opus 142/1 and Sonata in A minor, Opus 164 by Schubert, Suite Bergamasque by Claude Debussy and the popular, descriptive Carnival Suite by Robert Schumann.

Bilson, a member of Cornell's Amadeo Trio, has taught at the University since 1968. He attended Bard College and the University of Illinois, where he earned his Doctor of Musical Arts degree. He studied in Vienna for two years under a Fulbright grant and in Paris for three years.

This will be the first occasion in two years for a local audience to hear Bilson play a concert on the modern Bosendorfer piano. An international authority on the Viennese fortepiano, his recent solo performances have been on that 18th-century instrument. He will repeat this program on March 10 in Washington, D.C. at the Smithsonian Institution, using their famous "Paderewski" Steinway, a concert piano played by Paderewski 1892-1893.

Bilson appears frequently throughout the country as a soloist and teacher of master classes and piano seminars. Last year he was a visiting professor at the Liszt Academy in Budapest, and he has been invited to teach at the Mozarteum in Salzburg next year.

He has recorded for Golden Crest, Titanic and Advent Records, and new recordings will soon be released on the Nonesuch label.

Several "first performances" will be played by the Cornell University Wind Ensemble in their free public concert at 4 p.m. Sunday, March 2, in Bailey Hall.

Under the baton of Professor Marice Stith, the student ensemble will open its program with a traditional march by Percy Grainger, "Over the Hills and Far Away," followed by Three Pieces for Band by John Russo. Russo, who teaches clarinet and saxophone at Curtis Institute of Music, will be on campus Friday, Feb. 29, to conduct a woodwind clinic for band members at 4:45 p.m. in Bailey Hall.

Brian Israel will appear as soloist in the premiere of his own Concerto for Piano and Wind Ensemble. Israel, who received his D.M.A. from Cornell several years ago, is an associate professor of music at Syracuse University. Another "first" will be a four-movement work entitled "Band Music" by Raymond Wilding-White, DePaul University professor who will attend the Sunday concert.

With Marice Stith as soloist on piccolo trumpet, graduate assistant Mark Taggart will conduct the first performance of Stith's arrangement of the Concerto in G minor by Vivaldi. English band composers will be represented on the program by Malcolm Arnold's English Dances for Band.

Scott Joplin's "Pineapple Rag" is the final selection of the concert. The Rag has been newly arranged by Phil Krasicky, a Ph.D. candidate and member of the Cornell bands for the last six years.

Thurs., Feb. 28, 8:15 p.m. *Bailey.

Cornell University Glee Club and Chorus, Syracuse Symphony Orchestra, conducted by Karel Husa. Works of Beethoven, Brahms, Husa.

Fri. & Sat., Feb. 29 & Mar. 1, 8:15 p.m. Barnes. Malcolm Bilson, piano. Works of Schubert, Debussy, Schumann.

Sun. Mar. 2, 4 p.m. Bailey. Cornell Wind Ensemble conducted by Marice Stith; soloists: Brian Israel, piano, and N. Stith, trumpet. Works of Grainger,



The Pittsburgh Symphony Orchestra, under the direction of Andre Previn, will perform at 8:15 p.m. Tuesday, March 4, at Bailey Hall. Tickets for the performance are on sale at the Lincoln Hall ticket office, 256-5144. Due to a typographical error, the date for the performance was listed incorrectly in last week's Chronicle.

Vivaldi, Israel, Arnold, Joplin, others.

Tues. Mar. 4, 8:15 p.m. *Bailey. Pittsburgh Symphony Orchestra conducted by Andre Previn. Works of Haydn, Britten, Shostakovich. Faculty Committee on Music Series.

Fri. Mar. 7, 8:15 p.m. Sage Chapel. Student recital: Susan Randel, organ. Works of Bach, Franck, Dupre, others.

Fri. & Sat., Mar. 7 & 8, 8:15 p.m. *Statler Auditorium. The Cornell Savoyards production "The Grand Duke," Gilbert and Sullivan's comic operetta. For tickets, call 256-7263, Mon-Sat, 11 a.m.-6 p.m.

Sun. Mar. 9, 1:30 p.m. *Statler Auditorium. The Cornell Savoyards production "The Grand Duke," Gilbert and Sullivan's comic operetta.

Sun. Mar. 9, 4 p.m. Barnes. Sonya Monosoff, violin, and Colin Tilney, harpsichord. Works of Vivaldi, Frescobaldi, Leclair, Bach.

Meetings

Every Wednesday, 12 noon Barton Hall Naval ROTC Blockhouse. Diet workshop. Call 277-2113 or 272-7766 for information.

Every Wednesday, 7:30 p.m. Straight 528. Gay People at Cornell.

Every Thursday, 7:30 a.m. Anabel Taylor One World Room. Disarmament Study Group breakfast and discussion. Contact Anabel Taylor main desk for information.

Every Thursday, 7:30 p.m. Straight 528. Gay People Discussion Group.

Every Thursday, 7:30 p.m. Stimson G-1. Jordani Natural History Society. For more information call 273-1573 or 257-2258.

Every Sunday, 2 p.m. Anabel Taylor 314. Anthroposophy Study Group. Currently studying Rudolf Steiner's "Theosophy." Call 272-3170 for information.

Every week Hebrew Club. Call Jill for information, 277-2364.

Thurs., Feb. 28, 4:45 p.m. Clark 701. Campus Council.

Colloquia

Astronomy and Space Sciences "Inverse Compton Reflection in Active Galactic Nuclei," Alan P. Lightman, Center for Astrophysics. Space Science 105. 4:30 p.m. Thurs., Feb. 28.

Astronomy and Space Sciences "An X-Ray (ted) View of Supernova Remnants and Pulsars," David J. Helfan, Columbia University. Space Science 105. 4:30 p.m. Thurs., Mar. 6.

Dance

Every Tuesday, 7:30 p.m. Martha Van Rensselaer Auditorium. Folk dancing for couples. Singles, beginners, all ages welcome.

Every Thursday, 7:30 p.m. Anabel Taylor One World Room. Israeli Folk Dancing.

Every Sunday, 7:30-11 p.m. Straight North Room. International Folk Dancing; intermediate teaching 7:30 p.m. requests 8:30 p.m.

Every Wednesday, 7:30 p.m. Straight Memorial Room. International Folk-dancing; beginners teaching 7:30-9 p.m. requests 9-11 p.m. Thursday

Feb. 28, 7:30-9 p.m. Helen Newman Dance Studio. Sound and Movement Workshop by James Cunningham's Acme Company. Free and open to the public. No previous experience in dance necessary.

Saturday

March 1, 8:15 p.m. *Helen Newman Gymnasium. Dance Concert by James Cunningham's Acme Company. Tickets on sale at Nippenose, WSH Ticket Office, and at the door. Sponsored by Cornell Dance Series.

Religion

Geoffrey T. Godsell, international correspondent of The Christian Science Monitor, will be the next Sage Chapel speaker at 11 a.m. Sunday, March 2. His topic will be "Religion IS Relevant."

Godsell will also give a talk on "Afghanistan and Iran: An insider's Analysis" at 7:30 p.m. Saturday, March 1, in Anabel Taylor Auditorium.

Godsell, who was in Tehran from Christmas Week 1978 through February 1979, witnessed the departure of the Shah and return of Ayatollah Khomeini.

In August and September 1979, he was in Pakistan and India. During his assignment he was in the Khyber Pass and in Peshawar, the capital of the northwest frontier province, and base for many of the Afghan refugees and Mujahadin (freedom fighters).

Godsell's involvement in the world of Islam began in 1954, when he went to Cairo to be the British Broadcasting Company's Middle East correspondent. He spent nearly five years in that area, first for the BBC and then for The Monitor.

Immediately following the fall of the Massadeq premiership in 1954, Godsell made his first visit to Iran and was in Cairo for the 1956 and 1973 Middle East wars.

In addition to covering the revolution in Iran, Godsell recently has been on lengthy assignments in Canada, Western Europe, Japan, Australia, Rhodesia and South Africa. He was the last foreign correspondent to talk at length with the late Steve Biko of South Africa. Before joining The Monitor's staff in 1956, Godsell's assignments included Washington, Ottawa, the United Nations, East Africa and Paris.

Music for the convocation will be provided by the Sage Chapel Choir under the direction of Donald R. M. Patterson, University organist and Sage Chapel choirmaster.

Monday through Friday, 12:15 p.m. Anabel Taylor G-19. Catholic Mass.

Every Friday, 1 p.m. Anabel Taylor Edwards Room. JUMA Prayers organized by the Muslim Educational and Cultural Association of Cornell.

Every Saturday, 5:15 p.m. Anabel Taylor Auditorium. Catholic Eucharist.

Every Sunday, 9:30 a.m. Anabel Taylor Chapel. Episcopal Eucharist Worship Service. Nursery and Church School provided. Faculty and students welcome. Coffee hour after.

Every Sunday, 9:30 & 11 a.m. Anabel Taylor Auditorium. Catholic Eucharist. Church school and nursery care provided.

Every Sunday, 9:45 a.m. Anabel Taylor Forum. Ithaca Society of Friends (Quakers) adult discussion followed by meeting for worship at 11 a.m.

Every Sunday, 10 a.m. Straight North Room. Korean Church at Cornell.

Every Sunday, 11:15 a.m. Anabel Taylor Chapel. Protestant Church at Cornell. Coffee and conversation after.

Every Sunday, 5 p.m. Anabel Taylor Auditorium. Catholic Eucharist.

Fri., Feb. 29, 5 p.m. Young Israel House. Shabbat Services (Orthodox).

Fri., Feb. 29, 5:30 p.m. Anabel Taylor Founders Room. Shabbat Services (Reform).

Fri., Feb. 29, 5:30 p.m. Anabel Taylor Chapel. Shabbat Services (Reform).

Sat., Mar. 1, 9:15 a.m. Anabel Taylor Edwards Room. Shabbat Services (Orthodox).

Sat., Mar. 1, 9:45 a.m. Anabel Taylor Founders Room. Shabbat Services (Conservative).

Sat., Mar. 1, 7:30 p.m. Anabel Taylor Founders Room. Purim Services (Conservative).

Sat., Mar. 1, 7:30 p.m. Anabel Taylor Edwards Room. Purim Services (Orthodox).

Sat., Mar. 1, 8:30 p.m. Anabel Taylor One World Room. Purim Party.

Films

Except where noted films are under sponsorship of Cornell Cinema.

Thursday

Feb. 28, 8 p.m. *Uris Hall Auditorium. "Inherit the Wind." Co-sponsored by the Law School.

Feb. 28, 9 p.m. Risley. "Grand Illusion." Risley Free Film Series.

Friday

Feb. 29, 7:30 p.m. *Uris Hall Auditorium. Larry Jordan screening and lecturing on his films. Part of Psyche-Image Lecture Series, sponsored by the Council for Creative and Performing Arts. Pentangle II Free Film Series.

Feb. 29, 9:45 p.m. *Statler Auditorium. "The Green Room," directed by Francois Truffaut, with Francois Truffaut, Natalie Baye. Truffaut Series.

Feb. 29, 11 p.m. *Uris Hall Auditorium. "The Harder They Come."

Saturday

March 1, 7 & 9:45 p.m. *Statler Auditorium. "The Lion in Winter."

Mar. 1, 7:30 & 9:45 p.m. *Uris Hall Auditorium. "The Green Room," directed by Francois Truffaut, with Francois Truffaut, Natalie Baye. Truffaut Series.

Mar. 1, 11:45 p.m. *Uris Hall Auditorium. "The Harder They Come."

Sunday

Mar. 2, 2 p.m. *Uris Hall Auditorium. "Peter Rabbit and the Tales of Beatrix Potter." Co-sponsored by the Ithaca Youth Bureau.

Mar. 2, 8 p.m. *Uris Hall Auditorium. "The Battle of Britain." Preceded by Image Forum film by Taylor Smith: "Quantum Leap." Co-sponsored by History Department.

Monday

Mar. 3, 9 p.m. *Uris Hall Auditorium. "I'm All Right Jack." Film Club Members only.

Tuesday

Mar. 4, 4:30 p.m. Morrill 106. "Three Tribes of Borneo" (Dayak, Punan, Kayan of Borneo). "Land Dyaks of Borneo" (daily life in a Dyak village on the Malaysia/Indonesia border. Southeast Asia Film Series. Free.

Mar. 4, 8 p.m. *Uris Hall Auditorium. "Jenny" (1936) directed by Marcel Carne, with Francois Rosay, Lisette Lanvin, Albert Prejean. Carne Series.

Wednesday

Mar. 5, 4:30 p.m. Uris Hall Auditorium. "The Legend of Bailiff Sansho," directed by Kenji Mizoguchi, with Kinuyo Tamaka, Yoshiaki Hayayagi, Kyoko Kagawa. China-Japan Series. Free and open to the community.

Mar. 5, 8 p.m. *Uris Hall Auditorium. "You Were Never Lovelier." Astaire/Hayworth Series.

Thursday

Mar. 6, 8 p.m. *Uris Hall Auditorium. "The Heart" (1955), directed by Kon Ichikawa, with Masayuki Mori, Michiyo Aratama, Shoji Yasui. China-Japan Free Film Series.

Mar. 6, 9 p.m. Risley "Prisoner of Zenda." Risley Free Film Series.

Theatre

Thurs. through Sat., Feb. 28-Mar. 1, 8:15 p.m. *Straight Theatre. Theatre Cornell production: Moliere's "The Misanthrope." Directed by noted author-director-actor from Broadway, Paul Shyre. This is a modern version by Britain's Tony Harrison.

Thurs. through Sat., Mar. 6-8, 8:15 p.m. *Straight Theatre. Theatre Cornell production: Moliere's "The Misanthrope." Directed by noted author-director-actor from Broadway, Paul Shyre. This is a modern version by Britain's Tony Harrison.

Sun., Mar. 9, 2:30 p.m. *Straight Theatre. Theatre Cornell production: Moliere's "The Misanthrope."

Sun. Mar. 9, 8:15 p.m. *Risley Theatre. Theatre Cornell production: "Slow Dance on the Killing Ground," by William Hanley.

Sponsored Programs

The following programs are for post-doctoral and faculty applicants unless otherwise indicated.

Captain James Cook Fellowship

The Captain James Cook Fellowship was established by the New Zealand Government to perpetuate Captain Cook's spirit of scientific enquiry and exploration in the New Zealand and Southwest Pacific area. The fellowship is awarded to persons of senior status for two years at a New Zealand university or research institution to carry out research in any appropriate field such as the following: Anthropology; Biology; Geography, Geology; Geophysics; History; Medicine or Oceanography.

Applications, deadline date of May 31, 1980, should be made on forms available in the Office of Sponsored Programs. Brochures describing the Fellowships in more detail are always available.

US-Spanish Coop. Research Grants

The United States-Spanish Joint Committee for Educational and Cultural Affairs has announced the availability of cooperative research grants and travel-only grants for the 1980-81 academic year.

Applications to subsidize either cooperative research projects or travel-only grants between the United States and Spanish institutions in the humanities, arts, psychology, anthropology, social sciences, political sciences, education, law, economic sciences, and the communication sciences will be considered. Cooperative research project applica-

tions must be received by May 9, 1980, while travel-only grant applications must be received no later than March 6, 1981.

Deadline Reminders

National Science Foundation Applications for grants for programs in applied physical, mathematical, and biological sciences, and engineering. Contact Richard Schoen, Division of Applied Research, NSF, (202) 634-6260 - March 14.

National Science Foundation Applications for grants in the applied social and behavioral sciences. Contact Frank Scioli, Division of Applied Research, NSF, (202) 634-6260 - March 14.

U.S. Arms Control and Disarmament Agency Hubert H. Humphrey Fellowship Program. Office of Public Affairs for unclassified doctoral dissertation research in arms control and disarmament - March 15.

Newberry Library Applications from women for fellowships for postdoctoral research in the humanities. Contact Committee on Awards, Newberry Library, 60 West Walton Street, Chicago, Illinois 60610 March 15.

Office of Education Ethnic Heritage Program - March 5.

Public Health National Institutes of Health All new research proposals—March 1.

NYS Council on the Arts One deadline for all programs - March 1.

National Science Foundation Science and Technology to Aid the Handicapped - March 25.

Graduate Bulletin

Fall 1979 grades for graduate students are available at Sage Graduate School office.

The final date for course change or drop, without special processing fee of \$10, is Friday, March 14, 1980.

Applications for Graduate School Summer 1980 Fellowships will be available beginning March 3. These awards provide a stipend of \$1,000 for 10 weeks during the summer which must be devoted entirely to graduate work. Recipients must be registered with the Graduate School during their tenure and may not receive any other support from Cornell sources during this 10-week period. Students interested in applying for these fellowships should consult with the Graduate Faculty Representative in their field for information and applications. Since each field receives a quota for applications which it may submit, all applications must be handled through the field office. Applications must be submitted to the student's special committee chairperson by March 28. The chairperson's endorsement and statement in support of the application are essential. The committee chairperson must forward the application and endorsement to the student's graduate faculty representative by April 4.

Graduate School Summer 1980 Tuition Awards provide \$88 per credit hour for courses taken for credit during the summer session at Cornell. Applications for the summer tuition awards will be available at the Fellowship Office, 116 Sage Graduate Center, beginning March 3. Completed applications must be submitted to the student's special committee chairperson by April 11. The committee chairperson must forward the application and statement of support to the Fellowship Office by April 21.

Reminder: The last day to apply to the New York State Higher Education Services Corporation for 1979-80 Tuition Assistance Program (TAP) Awards is March 31. Graduate students who are receiving tuition assistance from Cornell and who are eligible to apply for a TAP award but who fail to do so will be billed \$300 for each term in which they have received Cornell tuition assistance. Questions concerning TAP should be directed to the New York State Awards window at the Bursar's Office, 260 Day Hall.

Reminder: Students interested in summer work study should sign up at the Student Employment Office, 203 Day Hall.

Reminder: Students in M.Engr. degree programs interested in need-based financial aid for the 1980-81 academic year must submit a completed 1980-81 FAF and copy of the 1979 federal tax return to the Office of Financial Aid, 103 Day Hall, by Monday, March 3. Students in other professional master's degree programs offered by the Graduate School should submit their applications by March 31. The deadline for all other Graduate School students is May 1.

Reminder: Student Health Insurance waiver forms are available from Mary Little, Student Health Insurance Representative, Gannett Clinic. Graduate students who matriculated in April 1980 will be billed automatically for this coverage unless they make arrangements to have the coverage waived.

CIVITAS

Mary McGinnis
Coordinator, CIVITAS

The Association of Community Organizations for Reform Now is a multi-state membership organization of low to moderate income families, who work in affiliated neighborhood groups on whatever issues members determine they want to tackle. ACORN members win lower utility rates, better health care, fairer taxes and a whole range of neighborhood improvements from winning parks to better street lighting.

All organizers receive extensive apprenticeship style training in the ACORN model of neighborhood organizing. Trainees conduct an organizing drive, learning how to build a neighborhood group from scratch, develop leadership, recruit members, research and develop strategy on local issues. After the initial training drive of 6-10 weeks, an organizer works with several local groups, coordinating campaigns, and continuing to build each group through increased membership and participation in ACORN actions.

ACORN recruiters will be on the



Sherman Cochran (left) and Marty Young have used many Oriental art objects from the Herbert F. Johnson Museum of Art in their team-teaching of 'Art and Society in Modern China.' The one-year experimental course being offered through the Society for the Humanities is part of the Marcham Seminars, a continuing series sponsored by the Department of History. Each year one history department member and one faculty member from another department combine to offer the seminar. Cochran, associate professor of Chinese history, recruited Young, professor of the history of art, to teach the course, which this semester has some 15 students, primarily undergraduates, in a research seminar.

campus, Monday, March 3. Contact the Career Center for an interview.

Volunteer Opportunities Available This Week:

RIDING PROGRAM for handicapped children and adults; Volunteers sought to lead horses and assist riders, Sat. afts., 1:45 p.m., for one or two hours. Cornell polo barn close to campus.

SKILL IN MODEL ROCKETRY? Your help is needed to assist the leader of a Youth program at downtown site. Fri. eves., 5:30-7:30 p.m.

HIGH SCHOOL TUTORS: In biology (preferably 2:30 p.m. any weekday, Ithaca High School) and intermediate algebra (mornings, any day Mon.-Fri., at the High School, or 1 p.m. any afternoon either in school or at downtown location.

PLANNED PARENTHOOD: Currently recruiting volunteers (sophomores and juniors only) who plan to be in Ithaca this summer. Sign up at the CIVITAS office now. Training to begin in April for interviewing, counseling and medical assisting positions. One year commitment required.

SELF RELIANCE CENTER: Seeks volunteers to staff the office, give out information and work on projects. Orientation provided. Any weekday, 1-5:30 p.m. and Saturdays.

NOONTIME JUNIOR HIGH GYM CLASS: Volunteers to supervise, if possible teach, students playing basketball, volleyball, frisbee, swimming, weight bar. 12:05-12:50 p.m. any weekday. Fifteen minutes walk from lower campus.

HEADSTART PROJECT: Volunteers needed to help with background research and compilation of information to be used in designing model training program for Headstart staff working with handicapped children and workshops for parents of handicapped children. Orientation provided by professional training coordinator, and wide choice of topics to work on. If you have special skills and/or experience in leading workshops, developing training manuals or producing audio-visual aids, your help is particularly needed. For further information on the overall project and for description of proposed training program outline, come to the CIVITAS office.

LOCAL HISTORICAL SOCIETY: Seeks volunteers to work at information desk from 12:30-3 p.m. or 3-5 p.m., Tues. through Sat., any day that is convenient. Previous volunteers have enjoyed this placement as atmosphere is welcoming, your help is appreciated, and there is an opportunity to learn as well as serve.

COMMUNITY HEALTH PROJECT: Volunteer positions attractive to pre-med and health planning students now available in ongoing public health project. Must be 19 yrs. old, available through the summer and willing to continue commitment through next academic year. Training will be provided, close supervision and regular feedback sessions. Car needed for this placement.

TEACHERS FOR CLASSES IN ENGLISH as a second language: Volunteer needed to teach advanced English, 10:10-11:30 a.m., Tuesdays, Anabel Taylor Hall; and beginning English, 7:30-9 p.m., Wednesdays, Pleasant Grove Apartments. Materials provided, and problem-solving meetings held from time to time if needed by volunteers.

COMMUNICATIONS ARTS STUDENTS: Get experience through preparing visual aids in areas of food and nutrition, clothing, home improvement, for use at NYS Fair in summer 1980. Plenty of opportunity to be creative;

hours at your convenience. Professional advice available.

VIETNAMESE WOMAN: Vietnamese woman pharmacist needs volunteer to help with English and to be a friend. Three children to raise, husband still detained in Vietnam. Downtown location. Times and days flexible.

THINK SPRING: Would you like to work with local committee planning and organizing May plant sale? Knowledge of horticulture desirable; public relations skills also helpful. Flexible hours, minimum of 3 hrs./week. Also must be available May 9 and 10.

RECENTLY WIDOWED ELDERLY GENTLEMAN: Needs helper to read and write English. Downtown, at volunteer's convenience.

To volunteer your help, come to CIVITAS, 125 Anabel Taylor Hall (256-7513) between 10 and 2, Monday through Friday.

Funded in part by the Student Finance Commission and open to the entire Cornell community.

Faculty

Special Meeting Not to Be Held

A special meeting of the University faculty tentatively planned for March 5 will not be held, according to Dean of Faculty Kenneth Greisen.

He announced the possibility of scheduling the meeting at the Feb. 20 meeting of the faculty.

The Review and Procedures Committee met Feb. 21, he said and concluded:

"The anticipated agenda item on the prohibition of smoking in Uni-

versity buildings, was judged to be in need of refinement before being brought to the faculty....

"A resolution urging the president not to approve an increase in parking permit fees for the faculty, was judged not to merit by itself the calling of a special meeting of the University faculty."

Dean Greisen has mailed a more detailed explanation for not calling the meeting to all members of the faculty.

Transportation Fees, Priorities Criticized

Hearings Held on Proposed Changes

Objections to fee increases and a priority system for issuing parking permits that favors faculty and upper level staff were the main general points raised at two open hearings last Thursday on the proposed changes in campus transportation for 1980-81.

About 15 persons, other than media and members of the Campus Council Committee on Transportation Services, attended a noon-hour session at the Space Sciences Build-

ing. Six persons attended the late afternoon hearing at Schurman Hall.

Ronald B. Parks, chairman of COTS, who conducted the hearings along with William E. Wendt, director of transportation services, said COTS will meet several times to consider the recommendations and objections made at the hearings. COTS will submit its final plan to the Campus Council in time for the Council's March 13 meeting, he

said.

Concerning proposed fee increases, Wendt said many current rates were established in 1969 and that new fees were needed to meet inflated costs as well as pay for proposed improvements. These include the addition of 300 new parking spaces on Kite Hill.

He also pointed out that bus service would be extended to include runs into Collegetown and West Campus.

Wendt pointed out that proposed adjustments in the system for issuing permits would give priority to carpools and medically disabled drivers. Second priority would go to faculty and upper level staff and additionally to anyone who applied with a pressing personal need.

Parks said COTS would also take into consideration a suggestion that incentive plans be developed to induce students to participate in car pooling. For example, a student at

the hearing suggested car pooling students could park their car in the new parking lot proposed for Kite Hill.

A detailed description of the current proposed transportation plan appears on page 6 of the Feb. 21 issue of the Chronicle. Final approval of changes will be by the University Board of Trustees.

Life Safety Measuring Asbestos Levels

Dymek Says Early Readings Very Low

The presence of asbestos in campus buildings at Cornell and actions being taken by the University have been the subject of recently-published news stories and editorials. These reports have been based on incomplete information, according to Eugene Dymek, director of life safety services and insurance at Cornell.

To clear up misunderstandings and to give a detailed description of the University's program, past and present, Dymek has released the following statement:

"At the present time, the only federal or state regulation that establishes fixed limits for asbestos exposure is the Occupational Safety and Health Act Standard for toxic and hazardous substances. The OSHA permits a maximum eight-hour time weighted average workplace exposure of 2.0 fibers per cubic centimeter of air. Exposure to ceiling fibers is set at 10 per cubic centimeter. (A fiber is identified as being more than 5 micrometers in length.)

"In keeping with the OSHA standards for testing and exposure limits, in late summer and early fall the Life Safety Department sampled the air in North Campus Dorms, Mary Donlon Hall and the Entomology Building in Geneva to determine if any airborne particulate was present. The samples were evaluated by the Electron Microscope Facility in Bard Hall.

"In evaluating the samples, we went on the assumption that all particles we collected from the air were asbestos. The total count of particles present on the filters were in the range of .0022 to .000006 fibers per cubic centimeter. When compared with the 2.0 or 10 fibers per cubic centimeter that is permissible, the only conclusion we could come to was that asbestos contamination in the locations tested was not a problem at that time.

"Under ordinary circumstances, the test data would have been sufficient to discontinue further studies. However, in March 1979, the Environmental Protection Agency published a guidance document, 'Asbestos Materials in School Buildings.' The document did not recognize the validity of air sampling nor did it accept the presence of asbestos in excess of 1 percent by weight in any ceiling material without precautionary measures

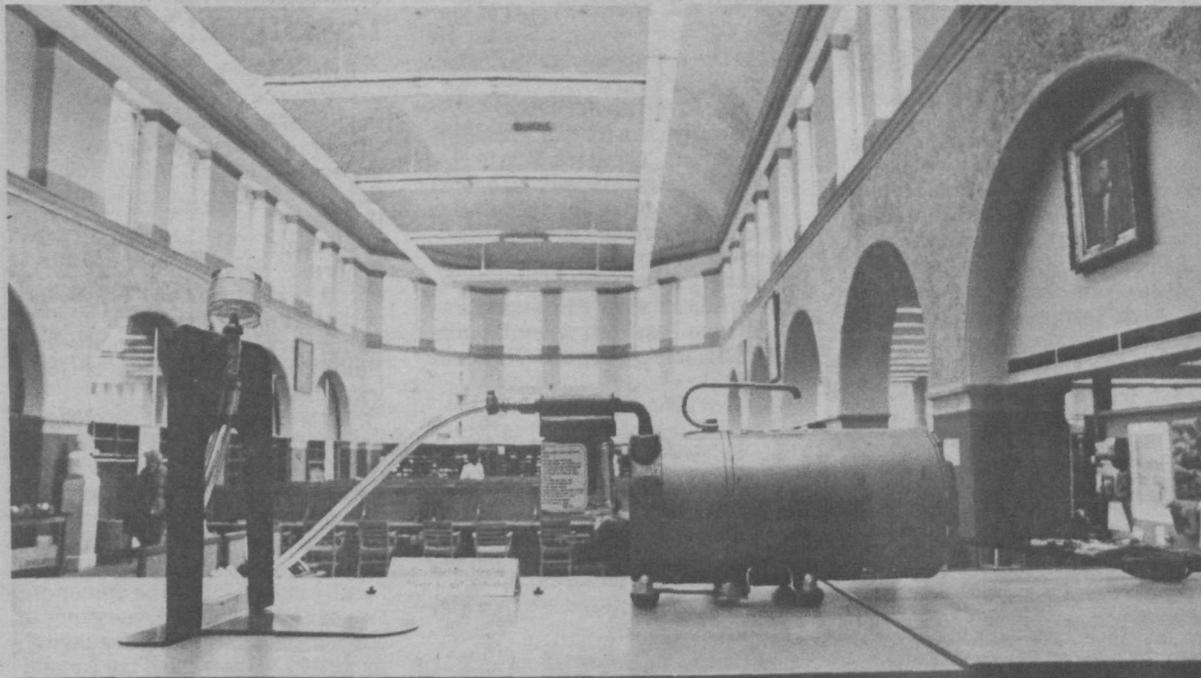
against exposure to the building occupants being taken.

"Unlike the OSHA, the guidance document did not accept any limit of exposure to asbestos. It did, however, recommend certain control measures, namely the complete removal of any ceiling containing asbestos, the sealing of the surface with a special sealant or the encapsulation of a ceiling with tile or sheetrock. It is important to note that the document is a guidance publication, not a regulation or standard. (Recent contact with the EPA indicated that a standard pertaining to elementary and high schools but not colleges, may be forthcoming this summer.)

"Howard Stecker of the New York Division of the EPA, in a phone conversation with me on Feb. 8, suggested that the University not consider using penetrating sealants and that it defer any such action until the EPA evaluates test reports being prepared by private research organizations on the sealants. Publication date has not been established.

"Stecker stated that in some instances where sealants were used, sections of the ceilings were failing. He also said that it would appear that, in light of this, the future stand of the EPA may be one of recommending only the encapsulation or removal of the ceilings containing asbestos fibers.

"The New York State Department of Health, on the other hand,



An air sampling device at work in the main reading room of Uris Library.

has recommended the painting and/or sealing of ceilings as a possible control measure and that a program be developed to monitor the atmosphere in all locations where ceilings with asbestos particulate are located.

"The state Department of Health has recommended that the University again conduct air sample tests of the areas in question and has

established a minimum of 5,000 liters of air passing through a filter, which is considerably more than the 300 liter requirement of OSHA."

(On Wednesday, Feb. 13, the University started taking air samples using these standards and has gone one step beyond this by taking core samples of the ceilings in Donlon Hall and Uris Library and North Campus Dorms and will send them

to the state Department of Health for examination.)

"Upon completion of the airborne particulate sampling program, the samples will be forwarded to a laboratory in New Jersey for evaluation. The data will then be sent to the Department of Health and to the EPA for their evaluation and comment."

CU in DC Program Has First Students

Four women and two men have become Cornell "firsts": The first students to study in the nation's capital in the "Cornell-in-Washington" program.

The program, led by Theodore J. Lowi, the John L. Senior Professor of American Institutions at Cornell, began this year. The six undergraduates are spending this semester in Washington taking courses taught by Cornell faculty.

The "pioneers" are Carol Dreyer, a junior from Lancaster, Pa.; Laurie Ketchum, a sophomore from Pittsburgh, Pa.; Gail Kiplinger, a senior from Webster Groves, Mo.; Peggy O'Sullivan, a junior from New Rochelle, N.Y.; Christopher Garcia, a junior from Camp Hill, Pa., and Steve Marin, a sophomore from Uniondale, N.Y. All are in the

College of Arts and Sciences at Cornell.

The program emphasizes students taking advantage of "boundless" research opportunities in Washington, Lowi said. "Washington is the center of action for students and faculty today, regardless of their field," he said in explaining his thinking in initiating the program.

Two Cornell courses are taken by the students in Washington: "Foreign Policy and the American Political Process" and "Science, Government and Society."

Classroom instruction is on Friday and Saturday morning in an office suite at 1606 20th St., N.W., overlooking Dupont Circle. The rest of the week students are expected to do independent research and study.

More than 10 Cornell faculty will take part in the program before the semester is over. The foreign policy course is being taught primarily by Lowi, Walter F. LaFeber, the Marie Underhill Noel Professor of American History, and Joel H. Silbey, professor of American history.

Richard Rosecrance, professor of international studies and government, and George Quester, professor of government, will also lecture in the course.

Lawrence Scheinman, director of Cornell's Program in Science, Technology and Society, is coordinating instruction in "Science, Government and Society." Others teaching in the course include Ronald Brickman, assistant professor in STS; Stephen Risch, assistant professor in ecology and sys-

tematics; Steven DelSesto, assistant professor in STS, and Sheila Jasanoff, postdoctoral associate in STS.

Alan Kraut, an associate professor in political history at American University, is supervising the program in Washington. He earned his Ph.D. in history at Cornell.

Plans are now being developed for the program for the fall semester, and Lowi noted that while the students in the program this semester are all from the Arts College, "the program and courses are broad enough in scope that undergraduates and graduates from all schools and colleges should consider participation."

Brief Reports

A Transfer Program At Statutory Colleges

Students in two-year college programs in New York state who are interested in transferring to one of the state colleges here are invited to the university on March 12.

A special Transfer Day Program is planned with registration starting at 9 a.m. in Schoellkopf Hall. The program will acquaint prospective students with the many areas of study in the College of Agriculture and Life Sciences, the College of Human Ecology, and the School of Industrial and Labor Relations.

The program will include opportunity for students to attend classes and to meet with Cornell students who have transferred from two-year colleges. Financial aid and campus living and support programs also will be discussed.

Deans to Give Talks In New York City

The interaction of engineering and society as a whole will be discussed by two Cornell deans at a public meeting at 7:15 p.m. Tuesday, March 11, in Caspary Auditorium of Rockefeller University in New York City.

Alain Seznec, dean of Cornell's College of Arts and Sciences, and Thomas Everhart, dean of the College of Engineering at Cornell, will hold a "Deans Dialogue" titled "For the 1980's, What Engineering & Society can expect from, and offer to, each other."

Poor to Be Topic Of Conference Here

A detailed look at America's poor will be offered here today and tomorrow.

"Poor Families in America Today: Issues and Policy, a people-oriented conference" will open with two keynote speeches at 8 p.m. today in Anabel Taylor Auditorium. Workshops in Uris Hall will begin at 9:30 a.m. Friday and continue until a wrap-up session at 4 p.m. in the Hollis Cornell Auditorium of Goldwin Smith Hall.

The entire conference is free and open to the public.

Today's keynote speakers are Ruth Messenger, a New York City Councilwoman from Manhattan, and Charles E. Wilson, a minority community advocate and writer.

Messenger will speak on "The Faces of Poverty." Wilson will discuss future alternatives in his address "Beyond Class Barriers to the 21st Century."

Twelve different topics will be discussed during three workshop periods on Friday. Among the topics are "The Household Worker in a Changing Society," "Sex-Role Definitions and their Impact on Poor Families" and "Working Class Women—Sex and Class Double Jeopardy in Capitalist Patriarchal Society."

Workshop leaders include faculty, workers in professional agencies and community members from Ithaca and beyond.

Cornell's Sociology Graduate Association, with the sponsorship of the Department of Sociology, designed the conference "to provide participants with insights into the life experiences of the poor aware-

ness of images of poverty that exist in our society and knowledge of the activities of individuals working in the areas of local legislation, policy implementation and community organizing," according to a conference spokesman.

"If nothing else, we hope to do some consciousness-raising with middle class people here," he said.

Black Businessman Will Offer Lecture

One of New York City's most successful black businessmen will speak here at 8 p.m. Friday, Feb. 29, in Hollis Cornell Auditorium of Goldwin Smith Hall.

J. Bruce Llewellyn, founder and president of FEDCO, a 21-store supermarket chain that has ranked third on the Black Enterprises Top 100 list, will appear as part of the Black History Month program. He was recently appointed by President Carter to head the Overseas Private Investment Corp.

Llewellyn is a former president of the group, 100 Black Men in New York City. He directed the federal anti-poverty program's Small Business Development Corp. He was deputy commissioner of the New York City Housing and Development Administration and, as its chairman, was instrumental in saving the Harlem Freedom National Bank.

U.S.-Latin America Relations Is Subject

The University Committee on U.S./Latin America Relations will co-sponsor two lectures during March. Both lectures are free and open to the public.

At 7:30 p.m. Saturday, March 1, in Kaufmann Auditorium of Goldwin Smith Hall Jose Perez, editor of "Perspectiva Mundial" and member of the Socialist Workers Party, and Alan Berkman of the Committee for a New Puerto Rican Solidarity Movement will speak on "Puerto Rico: An Island Occupied." The lecture is co-sponsored by the Young Socialist Alliance.

At 8 p.m. Monday, March 3, in Kaufmann Auditorium, Zaida Hernandez of the Association of Nicaraguan Women and Noel Gonzalez of the Nicaraguan Foreign Secretariat will give a lecture after a showing of the film, "Sandino Vive!" The lecture is being co-sponsored by the Third World Student Programming Board.

Princetonian Plans Talk on Thucydides

One of Princeton University's most popular professors will speak here at 4:30 p.m. Monday, March 10 in the Hollis Cornell Auditorium of Goldwin Smith Hall.

W. Robert Connor, professor of classics at Princeton, will speak at Cornell on Thucydides. The lecture, free and open to the public, is sponsored by the Committee on University Lectures.

At Princeton, where Connor is also chairman of the Hellenic studies committee, students have voted him one of the five most popular teachers for a number of years.

"The wit, elegance and clarity of

Professor Connor's lectures are matched only by the erudition they invariably convey," according to Kevin Clinton, chairman of the Department of Classics at Cornell.

"Able to address both classicists and non-classicists with ease . . . it would be difficult to find a speaker more worth bringing to Cornell."

An author as well as a teacher, Connor's most important work is "The New Politicians of Fifth Century Athens." He has also written two books and numerous articles on Greek history and historiography, and is the editor of a book on the Greek orators.

He has served on many committees of the American Philological Association and led one group's investigation of the teaching of classics in America.

Blackall Will Give Invitational Lecture

Eric A. Blackall, regarded by many as one of the most distinguished scholars in Cornell University's history, will give the annual Invitational Lecture at Cornell's Society for the Humanities this year.

Blackall, the Jacob Gould Schurman Professor of German Literature, will speak on "The Novels of the German Romantics" at 4:30 p.m. Thursday, March 6 in the Hollis Cornell Auditorium of Goldwin Smith Hall.

"Professor Blackall, an elegant, brilliant and strikingly innovative literary scholar, is one of the great treasures of the Cornell faculty," said Michael Kammen, director of the society.

Blackall, a member of the Cornell faculty since 1958, is the author of two editions of "The Emergence of German as a Literary Language," as well as "Goethe and the Novel" and "Adalbert Stifter, A Critical Study."

He collaborated with Vida Harford on the authorized English translation of Alban Berg's opera "Wozzeck," the translation performed at Covent Garden and the Metropolitan Opera.

A graduate of Cambridge University, where he taught for 20 years before coming to Cornell, Blackall was in charge of all modern language teaching there from 1945 to 1958. He holds a Ph.D. from the University of Vienna.

In 1973, the Austrian government awarded Blackall the Austrian Cross of Honor for Arts and Sciences, First Class. They honored him for his contributions to scholarship and for his rescue of the papers and manuscripts of the Viennese author Arthur Schnitzler from Nazi-controlled Vienna in 1938. He also helped Schnitzler's widow to escape to England.

Blackall was chairman of Cornell's Department of German Literature from 1958 to 1965. He was named the Avalon Foundation Professor in the Humanities in 1963, and in 1967 was named the first Schurman Professor.

Goethe Prize Goes To Winning Essay

Juniors, seniors and graduate students may submit 10- to 20 page essays, in German or English, to compete for the 1980 Goethe Prize.

The prize is awarded annually for

the best essay on any topic connected with German literature. A first prize of up to \$200, and possibly a second prize, will be awarded.

Essays should be written under an assumed name, though the entrant should indicate class status. A sealed envelope, revealing the author's real name, along with the essay — one per student — is due by April 15 at the Office of the Dean of the Faculty, 315 Day Hall.

Questions should be directed to either Inta Ezerzgaill at 178 Goldwin Smith Hall (256-3932) or the Department of German Literature, 172 Goldwin Smith.

The Goethe Prize was endowed in 1935 by Ludwig Vogelstein.

Museum in Schools Has Two Workshops

The Education Department of the Herbert F. Johnson Museum of Art is offering two training workshops for area teachers of math and science during the month of March.

The workshops will be held from 6:30 to 8:30 p.m. Thursdays, March 6 and 13, and are designed to provide area teachers with an opportunity to discover the museum's collections, to familiarize themselves with the "Museum in the Schools" program and methods, and to explore possible use of these resources to enrich their own curricula.

Participants receive in-service credit, which has been approved by several area school districts, and need not be teaching in the specific subject area to participate.

A \$10 fee will cover the cost of materials, as well as a "Museum in the Schools" handbook.

Registration forms may be obtained at area schools or by calling Cornell's museum education department at 256-6464. For further information, contact Vas Prabhu, acting coordinator of education at the museum.

The program is funded in part by grants from the National Endowment for the Arts and the New York State Council on the Arts.

Museum hours are Tuesdays through Sundays, 10 a.m. to 5 p.m.

Cambodia Is Subject Of Lecture Series

The Cambodian crisis will be the subject of three lectures to be given here this week and next. The lectures, which are free and open to the public, will all be at 8 p.m. in 117 Ives Hall.

Don Luce, human rights activist, will lecture on Thursday, Feb. 28. Luce toured the Vietnamese-held areas of Cambodia last December at the invitation of the Heng Samrin authorities.

Thiounn Prasith, the United Nations representative of the Democratic Kampuchea, will speak on Thursday, March 6. The Kampuchea was the government which was led by the Pol Pot until last December.

Phobol Cheng, a Cambodian resident of the United States, will speak on Saturday, March 8. Cheng toured the Pol Pot zone of Cambodia last December. In addition to her lecture, she will show a short film which was taken during her tour.

The speakers are being sponsored by the Third World Student Programming Board in conjunction with several Cornell departments and student organizations.

Viewers Will 'Travel' With Microscopy

Viewers will "travel" from the faintest star 100 million light years away to the smallest organism 10 inches away in a drop of water during a slide presentation entitled, "Both Sides of Infinity," scheduled for 8:30 p.m. Wednesday, March 5, in the James Law Auditorium of the State College of Veterinary Medicine.

Included in the presentation by Robert F. Smith, director of the Department of Biomedical Communications at the college, will be images of distant stars and the sun, of men on the moon and hydrogen bomb tests on Earth, as well as Smith's specialty—optically stained living tissue as seen through the microscope.

The lecturer holds a doctorate from the Royal Microscopical Society at Oxford and has taught microscopy at the Medical School of the University of Berne, Switzerland. In association with the U.S. space program, Smith examined microscopically the first moon rocks brought back by Apollo II, and participated in medical surveys of Marshall Island natives exposed to hydrogen bomb blasts. He represented the United States in scientific exchange programs with the Soviet Union and has been appointed to the faculty of the Cell Science Center, Lake Placid, where he teaches microscopy and differential staining of living tissue.

The March 5 slide presentation, which is open to the public free of charge, deals with the relationship between the macrocosm and the microcosm and with man's insatiable appetite for delving into the secrets of nature, according to Smith.

Conference to Deal With '\$\$ and Sense'

What happens to your hard-earned dollar when you put it in the bank and how that might be related to larger economic issues facing us today will be the topic of a conference here Friday and Saturday, March 7-8.

"\$\$ and Sense: A Hard Look at the Economic Future of Upstate New York," is the title of the conference sponsored by Cornell's Centre for Religion, Ethics and Social Policy, the Upstate Peace Network, the New York State Council of Churches, the Peoples Power Coalition and the New York State Tenants and Neighborhood Coalition.

The conference, in Anabel Taylor Hall, will start with registration (fee \$10, \$5 for low income and elderly) at 6 p.m. Friday, March 7. At 7:30 p.m., Randy Barber, author of "The North Shall Rise Again," will speak. Her topic will be "Plant Closings and Capital Flight," followed by a showing of the movie "Controlling Interests."

On Saturday, at 9 a.m., workshops will begin. The morning workshops will deal with focusing on better understanding of financial problems in energy, housing, food and community development.

For further information and to pre-register, contact Kieran Donaghy, 347-4239, or Cindy Crowner, 256-7293.