



CORNELL CHRONICLE

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Spring Fog Shrouds Goldwin Smith

Noyes to Succeed Purcell As Chairman of Trustees

Jansen Noyes Jr. '39 has been elected chairman of the University Board of Trustees, effective July 1. Noyes' election to succeed Robert W. Purcell '32, who has been board chairman since 1968, took place at the board's meeting in Ithaca March 18.

Noyes, former president and chief executive officer of Hornblower & Weeks-Hemphill Noyes, is senior managing director of the investment firm of Loeb, Rhoades, Hornblower & Co.

Charles T. Stewart '40, senior vice president, general counsel and director of public affairs for J.C. Penney Co. Inc., was re-appointed chairman of the board's Executive Committee and elected vice chairman of the board. Austin H. Kiplinger '39, editor of the weekly Kiplinger Washington Letter and other Kiplinger publications, will continue as Executive Committee vice chairman.

In accepting the chairmanship, Noyes said, "Cornell University is one of the world's outstanding educational institutions, and being elected chairman of its Board of Trustees is a great honor.

"Board leadership has been, and is, a two-man job. The work and responsibilities of the chairman are shared with the chairman of the Executive Committee. I am particularly pleased, therefore, that Chuck Stewart will continue as chairman of the Executive Committee and become vice chairman of the board.

"To follow Bob Purcell is indeed a large order. With equanimity, sound judgment and



CHARLES STEWART
Board Vice Chairman



JANSEN NOYES JR.
Board Chairman

good humor he has led the University through what must have been its period of greatest economic and social stress.

"With delight I look forward to working closely with President Frank Rhodes as we all continue to strive for pre-eminence in everything that Cornell does."

Rhodes, commenting at a news conference after the trustee meeting, said of Purcell, "Only those who have worked closely with you know of the quite remarkable blend of compassion and fortitude and strength and endurance and patience and understanding and perception that you have brought to this difficult assignment. The success of the Board of Trustees and especially the success of the chairman of the board depends very largely upon that intuitive

hand on the tiller which represents an understanding of the balance of interests and responsibility between the trustees, the administration, the faculty, the alumni, the supporters, the student body and the local community, local and regional and state. You have led us with rare devotion and success.

"As I look forward as well as looking backward I must confess that I can think of no greater privilege than working with Trustee Noyes and Trustee Stewart. Their combined strengths and their combined qualities mean that the future of Cornell is in good hands. We're certainly going to face difficult problems together. If we believe that the last 10 years have been the most difficult years in the history of the University it may be that the next 10 will run very close. There are different kinds of problems that lie ahead."

Noyes has been a trustee of the University since 1961. He has been vice chairman of the board since 1968.

Noyes has been chairman of the board's Development Advisory Committee since its inception in 1964, member of the Investment Committee since 1961 (chairman 1971-73) and the Executive Committee since 1962. He has also served the University in many capacities, including the Administrative Board of the Cornell Council and as chairman of the Cornell Campaign, a five-year, \$230 million gift campaign, since it began in 1975.

He is chairman of both the American Foundation for the Blind and Helen Keller International Incorporated and is former chairman of the National Industries for the Blind.

Both his father, the late Jansen Noyes Sr., and his uncle, the late Nicholas H. Noyes, were graduated from Cornell, in the classes of 1910 and 1906 respectively. Members of the Noyes family have been major contributors to the University. Among their benefactions have been Noyes Lodge and the Agnes and Jansen Noyes Student Center.

Jansen Noyes Jr. and his wife,
Continued on Page 3

Mailing for Trustee, Council Election Set

Campus Council election ballots for the three council seats and for the student and employee positions on the University Board of Trustees will be mailed out tomorrow, March 31. All ballots must be received by April 12.

Nine students are running for the two council seats allotted to undergraduates. The candidates

running for the two two-year terms are: George Boyce, Engineering '81; Thomas J. Brankner, Arts '81; Fred Cohen, Arts '81; Peter Cooper, Arts '80; Kevin L. Kovitz, Arts '80; John Levitt, Industrial and Labor Relations '80; Sara Zoe Schepps, Arts '81; Pamela D. Simons, Arts '80, and Fred Telischi, Engineering '80.

There will be no voting for the two council seats allotted to graduate students, since only two students petitioned for these seats. Barry Schachter will fill the one-year seat and Stephen R. Seely, law, will fill the two-year seat.

Three employees are running for the one two-year council seat allotted to them. They are Charles C. Harrington, Buildings and Grounds Care; Lawrence Munn, General Services, and Dominic Versage, Radiation Safety.

A total of 10 undergraduates are running for two two-year student trustee terms. They are: Alan Jay Cohen, Arts '81; Eliot Davis, Agriculture '80; Michael Dudek, Agriculture '81; E. Schuyler Flansburgh, Arts/Engineering '80; Gary S. Guzy, Arts '80; Bruce R. Katz,
Continued on Page 6

procedures are not intended to limit the major role of faculty committees in tenure review, and do not threaten academic freedom. Rather they are intended to preserve it.

"There is no record of trustees ever having rejected a tenure recommendation," Purcell said. He did not anticipate any significant change in the role of trustees in tenure review. Adoption of procedures is intended simply to define the process by which trustees carry out their responsibilities for tenure approval, he said.

Board Defers Action On Tenure Review

University trustees have decided to defer putting into effect the tenure review procedures adopted at their January meeting.

The deferment, recommended by President Frank Rhodes, was made to allow time for consultation with appropriate faculty committees and possible modification of the procedures.

Chairman Robert W. Purcell said that since trustees are required to approve tenure recommendations, there should be procedures by which they can carry out their responsibilities. These

grams in urban gardening, and is another example of Cornell's potential for service to urban as well as rural areas," she said.

The proposed facility in Brooklyn would be an extension of the stations at Ithaca and Geneva, world-known for their work in agricultural experimentation under the direction of W. Keith Kennedy, dean of the New York State College of Agriculture and Life Sciences at Cornell.

The Brooklyn experimental station would operate as the headquarters for the Urban Garden Center of the Cooperative Extension Service under Director David L. Call of Cornell.

Unit Would Study Urban Horticulture

More than a tree may soon be growing in Brooklyn, if a University agricultural experiment station is established in that New York City borough.

The Cornell Board of Trustees approved in principle the establishment of such a station at its meeting March 18. The station and its research will be started if a bill now before the New York State Legislature is passed.

The bill, proposed by Melvin Miller, chairman of the Assembly's Higher Education Committee, and Speaker Stanley Steingut, calls for \$100,000 for funding of the project, as well as three or four acres of land.

The project also has the strong support of Gov. Hugh Carey, a Brooklyn native, according to Constance E. Cook, vice president for land grant affairs at Cornell.

"The Cornell Trustees and all agencies at the University support the proposal of Miller and Steingut, and we are prepared to move on it as soon as funding and land is available," Cook said.

The purpose of such an experiment station is to deal with the problems of urban horticulture in the metropolitan New York area. The most urgent problem relates to the extensive areas of urban blight where housing has been abandoned, vandalized or destroyed, according to Cook.

"The station would be related to existing Cornell extension pro-

Cornell's Lafayette Collection

Exhibit Opens at Archives

A major historical exhibit based primarily on documents from Cornell's unparalleled collection of the papers of the Marquis de Lafayette opened yesterday at The National Archives in Washington, D.C.

The public exhibit in the Rotunda of The Archives is titled "Vive la Liberte! The Marquis de Lafayette on Two Continents." It illuminates the career of Lafayette as a hero of the American Revolution and a life-long fighter for the cause of liberty and is in celebration of the 200th Anniversary year of the Franco-American Treaty of Alliance.

Scheduled to run through Sept. 6, the exhibit is open to the public daily, Monday through Friday, from 9 a.m. to 10 p.m. and on Saturday from 1 to 10 p.m.

It is believed to be the first time The Archives has exhibited documents outside its own vast collection.

"The exhibition marks an unusual cultural collaboration between a distinguished university,

Cornell, and the federal government," according to Jay Solomon, administrator of the U.S. General Services Administration. The National Archives is a component of GSA.

Commenting on the exhibit, Francois de Laboulaye, French ambassador to the United States, said "His (Lafayette's) influence was immense not only in the United States and in France but also in South America and in many oppressed countries of Europe....Thanks to the hospitality of The National Archives and the generosity of Cornell University, Lafayette is coming back once more to Washington."

The exhibition also is under the patronage of the French ambassador and the Cornell Club of Washington, an alumni group.

More than 70 documents and objects are on view, most of them from Cornell's Arthur H. and Mary Marden Dean Lafayette Collection which totals more than 10,000 items. Complementing this material are documents from the collections

of The National Archives and artifacts lent by the Smithsonian Institution.

Signed in Paris on Feb. 6, 1778, but not announced to the Continental Congress until May 2, the Franco-American Treaty brought moral support and French troops and money to aid the struggling colonies' fight against the British. Arriving earlier on his own initiative was the Marquis de Lafayette, idealistic, rich, brave and just 19 years old, who was to play a significant role in helping America win its struggle. Lafayette later carried his fight for liberty to Europe and was a prominent participant in the French Revolution and in the July Revolution of 1830. When he died in 1834, he was the "Hero of Two Worlds," beloved by millions of people.

Documenting this rich life will be such Cornell documents as maps of the battles of Brandywine and Yorktown; personal articles, such as a map case, and letters to and from Washington, Jefferson, Madison, Webster, and Jackson. Lafayette family correspondence is at its charming best in a letter, in English, from Lafayette's six-year-old daughter Anastasie to George Washington telling him how much she missed her father. Prints, sketches, and other works of art document Lafayette's adventurous, sometimes difficult life in Europe, including his imprisonment for five years by the Austrians and Prussians.

From the collections of the National Archives will come the oath of allegiance Lafayette swore to the United States, a description of the sword given him by the Continental Congress, and other historic papers.

Objects being lent by the Smithsonian Institution range from commemorative items from Lafayette's triumphal visit to the U.S. in 1824-25 to gifts of a tea service and two vases he sent to friends here following that tour.

"Vive la Liberte!" is on view in the hall that houses the Declaration of Independence and other founding charters of this nation—documents whose promise Lafayette fought so hard to fulfill. Appropriately for this exhibition, the Franco-American Treaty of Alliance is among the documents on permanent display.

State Funds Asked For Water Research

New York State will be asked to appropriate \$200,000 annually to the University for support of the Water Resources Research Institute (WRRRI) of New York State. Trustees authorized the administration to request the funding at their meeting March 18.

WRRRI was established at Cornell, New York's land grant institution, under the Water Resources Research Act of 1964 to investigate water-related problems of vital importance to New Yorkers.

Ground water contamination on Long Island, where almost all public and private water supplies are obtained from ground water; acid precipitation, linked to fish kills in Adirondack lakes and perhaps elsewhere, and control of flooding in the Southern Tier by non-structural means are among the problems recently studied under the sponsorship of WRRRI.

WRRRI's funding currently comes from the federal govern-

ment, Cornell and outside grants and contracts. Continued federal funding is dependent on a specific commitment of financial support for WRRRI from the state.

WRRRI would use the state appropriation to develop a comprehensive, coordinated program of research, information dissemination and public education on the major water-related problems in the state. The program, to be prepared in consultation with state and regional agencies and legislative staffs, would complement WRRRI's current efforts and those of other agencies in the state.

Continued investigation of the ground water contamination problem on Long Island, in Cortland County and in other vulnerable areas of the state would receive the highest priority initially. WRRRI would also continue its research into the effects of acid precipitation and on non-structural ways of preventing flood damage in the Southern Tier.

Registrar Announces Calendar

The University calendar for 1978-79 has been announced by Registrar Eleanor L. Rice.

The calendar is: Registration, Aug. 30, 1978; Instruction begins, Sept. 4; Thanksgiving recess, Nov. 22-26; Examination

period, Dec. 15-23; Christmas recess, Dec. 23-Jan. 15, 1979; Registration, Jan. 17; Instruction begins, Jan. 22; Spring recess, March 18-25; Examination period, May 14-22; Commencement, May 28.

In developing the calendar, the University has scheduled classes on religious holidays. It is the intent of the University that students missing classes due to observance of religious holidays be given ample opportunity to make up work, according to Rice.

The registration period is the time for students to conduct the necessary reviewing and updating, where necessary, of course programs for the coming term with their counselors and professors, settle unpaid accounts with the University (this must be done before registration material can be picked up), conduct other necessary business with the University and resettle in the community.

The dean of the Cornell Law School has the authority to modify the calendar sufficiently to ensure that the Law School will meet the requirement of Rule IV of the Rules of the Court of Appeals of the State of New York for two terms of instruction of 16 weeks each. Such change will apply to the Law School only.

Trustees Approve Shoals Construction

The University Board of Trustees has authorized funds for the Shoals Marine Laboratory (SML) to construct a third dormitory and to improve two existing buildings at the SML facilities on Appledore Island in the Gulf of Maine.

SML, a part of Cornell's Division of Biological Sciences, is the only marine laboratory on either coast devoted primarily to teaching a general course in introductory marine science to undergraduates.

The new dormitory, to be built

in the same style as the existing two, will accommodate 20 students in double rooms. The funds will also make possible the completion of the porch of the Laighton House, which contains a library, small laboratory and accommodations for teaching assistants and other staff, and the conversion of Hewitt Hall from a student housing facility to faculty offices and living space.

Construction funds authorized by the trustees will be paid back by SML within five years, using gifts and other income.

Job Opportunities At Cornell University

The following are regular continuing full-time positions unless otherwise specified. Please do not inquire at individual departments. An Equal Opportunity Employer.

Individuals on lay-off status will be given preference in referrals.
(*) Indicates new this week

CLERICAL POSITIONS

* Admin. Aide, A-18 (Life Safety Svcs. & Insurance)
* Admin. Aide, A-18 (Asst. to Trade Book Mgr. - Campus Store)
Junior Accountant, A-18 (Lab Nuclear Studies)
Admin. Aide, A-18 (University Development)
Admin. Aide, A-18 (Facilities & Business Ops.)
Sr. Admin. Secy., A-17 (Personnel Services)
Admin. Secy., A-15 (University Press)
* Admin. Secy., A-15 (Alumni Affairs)
* Library Searcher II, A-15 (U. Libraries, Olin)
* Library Asst. III, A-15 (U. Libraries, Olin)
* Multilith Machine Op. II, A-15 (CRSR)
Admin. Secy., A-15 (Personnel Services)
* Principal Clerk, A-14 (Summer Session)
Dept. Secy., A-13 (Psychology)
Dept. Secy., A-13 (U. Libraries, B&PA)
* Library Searcher I, A-13 (U. Libraries, Olin)
Key punch Operator, A-13 (Office of the Bursar)
* Library Asst. II, A-12 (U. Libraries, Olin)
Sr. Clerk, A-12 (Purchasing)
* Library Asst. V, NP-12 (Veterinary Library)
Records Clerk, A-12 (Health Services)
Admin. Aide, I, NP-11 (Diagnostic Laboratory)
Account Clerk II, NP-9 (Veterinary Admin.)
Account Clerk II, NP-9 (Finance & Business)
* Admin. Secy., NP-8 (Equine Drug Testing - Vet Diag. Lab)
* Admin. Secy., NP-8 (A.R. Mann Library)
Library Asst. III, NP-8 (NYSSILR)
Admin. Secy., NP-8 (Director's Office, Geneva)
Clerk III, NP-7 (Vet Medicine Admin.)
Clerk III, NP-7 (NYSSILR)
Account Clerk I, NP-6 (Entomology)
Steno II, NP-6 (Nutritional Sciences)
Steno II, NP-6 (Floriculture & Orn. Horticulture)

SERVICE & MAINTENANCE

Electrician (Maintenance & Svc. Ops.)
Sr. Exp. Machinist, A-21 (Chemistry)
Experimental Machinist, A-19 (LASSP)
Univ. Service Officer, A-17 (Public Safety)
Stockkeeper II, A-14 (General Stores)
Warehouse Worker, A-14 (Lab Nuclear Studies)
Asst. Herds Worker, NP-9 (Animal Science - Harford)

TECHNICAL

Synch. Oper. Tech., A-19 (Lab Nuclear Studies)(2)
Computer Operator II, A-19 (Computer Services)
Research Tech. III, NP-12 (Plant Pathology - Geneva)
Research Tech. III, NP-12 (Animal Science)
Research Tech. III, NP-12 (Animal Science)
Research Tech. III, NP-12 (Plant Pathology - Geneva)
Research Tech. III, NP-12 (Food Science & Tech. - Geneva)
Research Tech. III, NP-12 (Vet Microbiology - L.I.)
Research Tech. III, NP-12 (Plant Pathology - Geneva)(2)
Lab Tech. II, NP-11 (Vet Microbiology)
* Experimentalist I, NP-11 (Entomology - Geneva)
* Lab Tech. II, NP-11 (Virology - Diagnostic Lab)
* Lab Tech. II, NP-11 (Div. Nutritional Sciences)
* Research Tech. II, NP-10 (Biochem., Mol. & Cell Biology)
* Elect. Tech. II, NP-10 (NYSSILR)
Tech. Aide I, NP-9 (DCS - Mastitis Control)
Technical Aide I, NP-9 (Diagnostic Lab)
* Research Tech. I, NP-8 (Plant Pathology)
Lab Tech. I, NP-8 (Food Science)
Jr. Lab. Tech., NP-6 (Pomology & Viticulture - Geneva)
Field Veterinarian, CPO7 (DCS-Mastitis Control, Canton)
* Sr. Systems Programmer, CPO6 (Computer Services)
Systems Analyst III, CPO4 (Lab Nuclear Studies)
Res. Supp. Spec. II, CPO4 (Lab Nuclear Studies)
Comp. Tech. Admin. I, CPO4 (Computer Services)
Broadcast Engr. II, CPO4 (ETV Ctr., Media Services)
Res. Supp. Spec. II, CPO4 (Avian & Aq. Animal Med.)
Applications Programmer I, CPO3 (Lab Nuclear Studies)
Res. Supp. Spec. I, CPO3 (Vet Physiology, Biochem. & Pharmacology)
Asst. Mgr.—Rad. Safety, CPO3 (Life Safety & Rad. Safety)
Res. Supp. Spec. I, CPO3 (Chemistry)
Applications Programmer I, CPO3 (Physical Biology)
Systems Programmer I, CPO3 (Computer Services)
* Research Support Aide, CPO2 (Veterinary Anatomy)

ADMINISTRATIVE

Director, University Relations, CPO9 (Public Affairs)
Director, Design & Proj. Mgmt., CPO9 (Fac. & Bus. Ops.)
Director, CPO9 (Computer Services)
* Director, CPO7 (Career Center)
Regional Director II, CPO6 (U. Develop., Bryn Mawr, Pa.)
Public Affairs Officer, CPO6 - Cornell Law School (Public Affairs)
Publications Manager, CPO6 (NYSSILR)
Assoc. Admin., CPO6 (Div. Nutritional Sciences)
Dining Manager II, CPO5 (Dining Services)
Admin. Mgr. I, CPO5 (Bldgs. & Grounds Care)
SDS III, CPO5 (Basic Studies - Engineering)
Staff Writer II, CPO4 (Univ. Development)
Res. Supp. Spec. II, CPO4 (Assoc. Editor) (U. Libraries)
Student Records Coord. II, CPO4 (Grad. School - Fellowship Office)
Catering Manager, CPO4 (Dining Services)
Res. Supp. Spec. II, CPO4 (NYSSILR)
Editor II, CPO4 (Media Services - Sea Grant)
Exec. Staff Asst. II, CPO4 (Affirmative Action)
Asst. Prod. Director (University Press)
Admin. Spvr. II, CPO3 (Univ. Development)
Health Associate I, CPO3 (U. Health Services)
* Admin. Spvr. II, CPO3 (Graduate School)
Extension Support Aide, CPO2 (Ag. Economics)
Extension Support Aide, CPO2 (Coop. Extension Admin.)
Admin. Spvr., CPO1 (Conference Office)
Asst. Editor (Cornell Univ. Press)

PART-TIME & TEMPORARY

* Temp. Svc. Clerical (B&PA, temp. pt)

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Thursday, March 30, 1978

Purcell Gift Puts Cornell Campaign Over \$100 Million

A commitment of \$1 million by Robert W. Purcell, chairman of the Cornell Board of Trustees, to the Cornell Campaign has put the campaign past a significant milestone, \$100 million.

Purcell announced his gift to the trustees on March 18, the day his successor as board chairman was named. Purcell, whose term expires July 1, has been board chairman since 1968.

With Purcell's gift, the Cornell Campaign total was \$100,500,000 as of March 18. The five-year campaign for \$230 million began in 1975.

The commitment of \$1 million is not the first major gift by Purcell. In 1968 he gave another \$1 million for endowment support of minority programs and scholarships for minority students. In 1966 Purcell made a \$500,000 gift for scholarships for foreign students.

In addition, Purcell has often given generously to unrestricted support of the Cornell Fund, the University's annual giving program.

Purcell is a 1932 graduate of Cornell. He earned his law degree at Cornell in 1935. After long associations with the Alleghany Corp. and the Chesapeake and Ohio and Nickel Plate railroads, Purcell is now a business adviser to Rockefeller Family & Associates.

Jansen Noyes Jr., Purcell's successor as board chairman and currently chairman of the Cornell Campaign, expressed great pleasure over Purcell's commitment and over the strides made by the campaign over the last six months. Since Oct. 1, approximately \$30 million has been added to the campaign total.

At the end of 1977, the Cor-

nell Campaign stood at \$82.4 million. At the end of January 1978, the total was \$91 million; at the end of February, \$94.8 million.

Noyes cited three major factors for the recent improvement in campaign giving.

First, he said, is the fact that "our committees are now organized, in place, and their work is beginning to show tangible results."

"A second important factor is that with Chancellor Dale Corson and President Frank Rhodes both spending time on the campaign, we have more than doubled the time and energy commitment from the leadership of the University."

"Third and most important is the generous response of alumni, friends, corporations and foundations to the University's needs."

The campaign committees, all of which have contributed to the successful effort during the last six months, are the Development Advisory Committee of the Board of Trustees, the Major Gifts Committee of the board, the Corporate Gifts Committee led by Robert S. Hatfield, the Trustee Solicitation Committee chaired by Austin H. Kiplinger, the National Area Organization headed by Robert A. Cowie, the Estate Affairs Committee led by Charles E. Treman Jr., and the Cornell Fund chaired by Charles W. Lake and Richard Tucker.

Some 3,500 volunteers work in those seven areas.

The biggest gifts during the last six months were an anonymous bequest of more than \$5 million for geological sciences and a \$4 million gift for biological sciences from the J.N. Pew Jr. Trust.



Board of Trustees Leadership

At the inauguration of Frank Rhodes as Cornell president, members of the board leadership include (from left) Robert Purcell, who will retire as chairman on June 30; Rhodes; Jansen Noyes Jr., who will become the new board chairman; Charles Stewart, new board vice chairman and continuing as chairman of the Executive Committee, and Austin H. Kiplinger, vice chairman of the Executive Committee.

Noyes, Stewart Lead Board

Continued from Page 1

the former Dorothy O'Day, live in Darien, Conn., and have four children.

Stewart has been chairman of the Cornell Board's Executive Committee since 1967. He has been a member of its Buildings & Properties, Investment and Development Advisory Committees, as well as several ad hoc committees.

He received his law degree from Yale University in 1943,

and was admitted to the New York Bar that year. He was later an associate of the New York City law firm of Cravath, Swaine & Moore. He joined R.H. Macy & Co. in 1955 and the Penney Company in 1960.

At the Penney Company, he started as secretary and general counsel, and was elected vice president and a director in 1967, appointed general counsel and director of public affairs in 1969,

elected senior vice president in 1974 and is a director of several Penney subsidiaries.

Fifteen members of Stewart's family have attended Cornell University, all the way from his grandmother and grandfather to his son.

His wife, Patricia Carry Stewart, is also a trustee of the University. They live in New York City on East 71st Street.

Janeway on the Economy

Author Eliot Janeway, president of Janeway Publishing and Research Corp., will give a public lecture titled "The 1978-80 Setback in the Economy" at 4 p.m. Tuesday, April 4 in the Collyer Room of Malott Hall.

An informal public meeting with Janeway is scheduled for 2 to 3:30 p.m. in the Collyer Room before his lecture. His appearance at Cornell is part of the Executive Forum series at the Graduate School of Business and Public Administration.

Janeway is a former business editor and adviser to the editor-of-chief of Time and consultant

on business trends to Newsweek. He is an economic adviser to numerous industries and a syndicated columnist for the Chicago Tribune-New York News Syndicate as well as a frequent contributor to the Christian Science Monitor, The New York Times, and other newspapers and professional journals. He is the author of numerous books, including: "The Struggle for Survival" (1951, reissue 1968); "The Economics of Crisis" (1968); "What Shall I Do With My Money?" (1970), and "You and Your Money" (1972).

Personnel Director Willers Dies

Diedrich K. (Deed) Willers, personnel director at Cornell for 27 years, died Friday in Tompkins County Hospital. He was 64.

Funeral services were held Monday in Interlaken, where he lived, and a memorial service Wednesday in Sage Chapel on campus.

Willers, a 1936 Cornell graduate, came to the Cornell position in 1951 after working for government and private industry elsewhere.

He was active in community affairs, particularly with the Tompkins County Chamber of Commerce, where he was a past president, and on the boards of Challenge Industries and the Taylor-Brown Memorial Hospital in Waterloo.

Cornell President Frank Rhodes said, "There are few people who have given more of themselves to Cornell than Deed



Diedrich Willers

Willers. Not only did he dedicate many years of service to the University as director of Personnel Services, but he also undertook numerous other assignments with energy, good humor and effectiveness.

"He was a devoted servant to his community. All who worked with Deed will remember his openness, warmth and willingness to help. He will be sorely missed by all of us."

Cornell President Emeritus Deane W. Malott said, "Deed Willers, devoted administrator, always had in mind the welfare of Cornell's growing staff as individuals working within the framework of the University's changing needs."

Arthur H. Peterson, University controller and professor emer-

itus, who is now living in Chapel Hill, N.C., said, "Deed Willers was a long-time friend with whom I worked for many years. I always had great respect for him as a personnel director."

John E. Burton, University vice president for business emeritus, who is now living in Sarasota, Fla., and who was responsible for bringing Willers to work for Cornell, said, "Deed Willers was a strong man in the Cornell administration. He contributed substantially to the reorganization that post-war growth demanded of the University. He will be remembered warmly for his long and devoted service to his University and to his family. Many of us have lost a good friend."

Memorial gifts may be made in Mr. Willers' memory to the Memorial Fund of Cornell Plantations.

Personnel Director Sought

A national search will be conducted for a successor to Mr. Willers as personnel director.

William G. Herbst, senior vice president, said that Robert V. Sweetall, associate director of the department, will serve as acting director until the search is completed and a successor is named.

CORNELL CHRONICLE

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Comment

Chronicle Comment is a forum of opinion for the Cornell community. Address comments to Elizabeth Helmer, Managing Editor, Chronicle, 110 Day Hall. Letters submitted for publication in the Chronicle must be typed, double space, with 75 characters to a line, no more than 600 words in length. The Chronicle intends to adhere to this limit because of space and financial restrictions. The deadline is Monday noon at 110 Day Hall. Letters addressed to someone other than the editor, personal attacks against individuals or unsigned letters will not be printed.

'Interest Does Not Reflect Social Need'

Editor:

Curious isn't it?

Enrollment in the basic social sciences is reported to be down across the country in colleges while enrollment is up in the applied social sciences (e.g. business and law). This despite: (a) the National Academy of Sciences is giving social science genuine recognition in public policy (see the article on ABASS in the March 17 issue of *Science*); and (b) Congress and the Executive branch of the national and state governments are increasingly recognizing that what they do most is applied social science; and (c) they are relying

more than ever upon the National Academy social scientists in establishing policy and evaluation of their existing policies.

It sounds like still another case where the growth curve for current student interest is negative for social science while the growth curves showing the need for well-trained social scientists in policy research is positive. Manpower (womanpower?) seems to go off in the opposite directions to the growing needs for social scientists who are explicitly trained to work in such settings.

Donald P. Hayes
Chairman, Sociology

Resident Praises Band, Basketball, Hockey

Editor:

Attached is a copy of a recent letter recieved by William D. Gurowitz, vice president for campus affairs.

Dear Mr. Gurowitz:

Just a note speaking on behalf of a lot of local people I've spoken with lately, praising the Cornell Basketball and Hockey programs. A whole bunch of us in town have enjoyed immensely the school activities in both areas. They are alive and vibrant and a real credit to your institu-

tion and the community. I think the finale of the Cornell-Providence ECAC contest said it all — when the season was over after an evening of true excitement the whole crowd stood and applauded the efforts of all those involved — as if to say "thank you, it's been fine."

Well, that's exactly what I say.

Thanks again,

Alan M. Goldstein

P.S. The bandleader and his charges are dynamite — spent Tuesday night's game with them — had a ball.

'CUE Can Help Employees'

Editor:

CUE, the Committee on the University as an Employer, would like to reintroduce itself to the Cornell Community.

CUE is an important organization through which employees can examine the University's personnel policies and practices and make recommendations to the appropriate bodies. It is an integral part of the University and its views and recommendations are respected by the Board of Trustees, the Administration and the Department of Personnel Services.

The idea of CUE was conceived by a Special Committee on Employees, a committee commissioned by the First Senate in 1970. This committee found, among other things, that the Senate had no committee in its structure to act as a sounding board for issues that affect employees before those issues were to come before the Senate. The recommendation by this Special Committee that CUE be established as a standing committee was passed by an overwhelming 77-0 vote.

CUE first convened during the Second Senate and existed throughout the lifetime of the Senate. Its existence continued as a committee of the Campus Council by recommendations from the Commission on Self Governance.

Here are a few of CUE's im-

portant accomplishments since 1971:

—Participated in the revision of the Supervisors Personnel Manual and was instrumental in having it placed in areas where it would be available to all employees at all times;

—Participated in the revision of the Grievance Procedure;

—Participated in the revision of "Cornell and You";

—Participated in the revision of the vacation policy;

—Was instrumental in reducing the pre-credit fee from \$80 to \$10 for non-job related courses for employees and faculty;

—Was instrumental in keeping courses approved as jobrelated free to employees and faculty;

—Has held numerous hearings and interviews to procure and communicate views of both employees and administration on a variety of issues.

Following is a list of the kinds of bodies on which representatives of CUE have served as members: Personnel Planning and Policy Board and its subcommittees on Fringe Benefits, Personnel Development and Training and Professional and Managerial Compensation; Personnel Council; President's Committee on Student Employment; President's Committee on Day

Economics Is Focus

Conference on Justice Set

The Eco-Justice Project of the Centre for Religion, Ethics and Social Policy will hold its spring conference "Justice on a Finite Planet: Capitalism, Socialism or Some Other Alternative?" April 7 and 8 on the Cornell campus.

The conference is co-sponsored by a number of student organizations and environmental groups at Cornell. The program is free and open to the public.

The conference will begin at 8 p.m. Friday, April 7, in Baker Auditorium with a panel discussion on the capacities of a free market, as well as planned and decentralized economies to deal with the combined problems of global human welfare and the constraints of the environment.

Panelists include Richard Landry, administrative director of the Economic Policy Division of the U.S. Chamber of Commerce Foundation. Landry, who has taught economics at several institutions and now teaches at the University of Virginia Extension in Arlington, is the author of a number of publications, including "The Economics of Defense Spending" and "International Economics."

The second panelist is Paul Sweezy, co-editor of the socialist periodical "The Monthly Review." Sweezy was a member of the Harvard faculty for eight years and has been a visiting professor at Cornell, Stanford University, Yale University and the New School of Social Research. His books include "The Present as History" and "The Theory of Capitalist Development."

The third speaker is Murray Bookchin, founder and director of the Institute for Social Ecology at Goddard College, Vermont and professor of social theory at Ramapo College of New Jersey. A noted lecturer on social issues, environmental problems and social ethics, Bookchin's publica-

tions include "Post-Scarcity Anarchism," "Our Synthetic Environment" and "The Crisis of Our Cities."

Three additional events are planned for Saturday, April 8. The first of these is a dialogue on "Visions and Realities: Capitalism or Socialism" at 9:15 a.m. in the One World Room of Anabel Taylor Hall. The relative merits of the two systems from a theological and political perspective will be discussed. Participating will be Michael Novak, the Ledden-Hall Distinguished Professor of Religion at Syracuse University, and Rev. Joel Gajardo Velasquez, head of the Latin America Section of the National Council of Churches.

Novak writes a twice-weekly column for the Washington Star Syndicate and has been associate editor of "Christian Century" and "Christianity and Crisis." He has taught at several universities and is the author of a number of books, including "Ascent of the Mountain."

Velasquez, founder of Chris-

tians for Socialism in Chile, has taught at the Evangelical Theological Community and the Catholic University in Santiago, Chile. From 1974 to 1978 he was at Cornell as director of the Committee for United States-Latin American Relations and a consultant for the United Ministries in Higher Education.

The next scheduled event is an informal bag-lunch seminar with Bookchin at 11:45 a.m. in the One World Room of Anabel Taylor Hall.

The closing event of the conference is a panel discussion at 1:30 p.m. in the One World Room. Panelists will discuss how various economic systems come to terms with the ecological limits imposed on production and growth. Participating in the panel will be David Pimentel, professor of entomology at Cornell; Bruce Winterhalter and Mark Sagoff, post-doctoral associates of the Program on Science, Technology and Society at Cornell, and Jean Rosenberg, professor of economics at the University of Vermont.

Philosophy Professor To Present Seminar

Leon Goldstein, professor of philosophy at the State University of New York at Binghamton, will present a special colloquium at 2:30 p.m. Monday, April 3, in the Andrew D. White Center for the Humanities.

Goldstein will present a paper, "Toward a Logic of Historical Constitution," and then lead a discussion on the subject. The program is free and open to the public.

The author of the book "Historical Knowing" and co-author of "Politics in a Pluralist Democracy," Goldstein has had his essays appear in a dozen journals and reviews.

Goldstein has taught at Binghamton since 1963, serving as chairman of the Department of Philosophy from 1965 to 1968. He earned his Ph.D. degree at Yale University in 1954.

Job Opportunities

Continued from Page 2

- *Temp. Svc. Clerical (NYSSILR - NYC, temp. pt)
- *Temp. Svc. Clerical (NYSSILR - NYC, temp. pt)
- Temp. Svc. Clerical (Cornell Glee Club, perm. pt)
- Temp. Svc. Clerical (Geological Sciences, temp. pt)
- Temp. Svc. Clerical (NYSSILR, temp. ft)
- Admin. Secy., A-15 (Int'l Student Office, perm. pt)
- Admin. Secy., A-15 (Africana Studies & Res. Ctr., perm. pt)
- Library Asst. III, A-15 (U. Libraries, Olin, temp. pt)(2)
- Sr. Acct. Clerk, A-13 (Materials Science Ctr., perm. pt)
- Sr. Acct. Clerk, A-13 (C.U. Press, perm. pt)
- Dept. Secy., A-13 (Johnson Museum, perm. pt)
- Library Searcher I, A-13 (U. Libraries, Olin, perm. pt)
- Library Searcher I, A-13 (Echols Collect., Olin Library, perm. pt)
- Dept. Secy., A-13 (Engineering Admissions, 9 mos.-yr.)
- Secretary-Steno, NP-10 (NYSSILR, perm. pt)
- Admin. Secy., NP-8 (NYSSILR, temp. ft)
- Steno II, NP-6 (NYSSILR, temp. pt)
- *Steno II, NP-6 (Coop. Ext. - Sea Grant/Stonybrook, temp. pt)
- Clerk Typist, NP-3 (Film Library, Media Svcs., perm. pt)
- Temp. Svc. Labor (Neurobiology & Beh., temp. pt)
- Sr. Data Clerk, A-13 (Univ. Unions, perm. pt)
- *Food Service Worker, A-11 (Dining Svcs., 9 mos.-yr.)
- Lab. Asst. III, NP-5 (Nutritional Sciences, perm. pt)
- Research Aide I, A-14 (Psychology, temp. ft)
- Research Tech. III, NP-12 (Ag. Engineering, pt)
- Res. Supp. Spec. III, CPO5 (NYSSILR, temp. ft)
- Pharmacist, CPO5 (Health Services, temp. pt)
- Syst. Programmer III, CPO5 (Computer Services, temp.)
- Syst. Programmer II, CPO4 (Computer Svcs., temp.)
- Research Supp. Spec. I, CPO3 (Ornithology, temp. ft)
- Ext. Supp. Aide, CPO2 (Comm. Svc. Educ., temp. pt)
- Temp. Svc. Prof. (Conference Office, temp.)
- *Temp. Svc. Prof. (LNS, temp. pt or ft)
- Regional Director, CPO4 (U. Development, Cleveland, pt)
- Appl. Programmer I, CPO3 (Computer Services, temp. pt)
- Syst. Programmer I, CPO3 (Computer Svcs., temp.)
- Appl. Programmer I, CPO3 (Computer Services, temp. pt)
- ACADEMIC & FACULTY POSITIONS (Contact Department Chairperson)
- *Asst. Professor—Nutritional Biochemist (Animal Science)
- *Asst. Professor—Meat Science (Animal Science)
- *Asst. Professor—Reproductive Physiology (Animal Science)
- Extension Associate I, CPO3 (Animal Science)
- Faculty Position - Theriogenology (Dept. Clinical Svcs.)
- Extension Assoc. IV (Dept. Vegetable Crops)
- Lecturer (Dept. of Education)



Dominic Versage
Chairman, CUE

Thursday, March 30, 1978

House Designs Are Displayed

Designs and models of houses by nine architects will be on display at the Herbert F. Johnson Museum of Art April 4-28. The exhibition, titled "Immanent Domains," is on a tour of museums and galleries in the Northeast.

Organized by Boston architects Warren Schwartz, Cornell '66, and Robert Silver, the exhibition illustrates some personal ideas of what a house

should be. The contributors were chosen expressly for their different architectural viewpoints.

The designs were created in the last year or so specifically for this show, and several are to be built in the near future, on the sites for which they were conceived.

Most of the drawings are accompanied by models. Titles range from "Country House" and

"A Small Villa" to "A Place for Twenty People" and "A Cube and a Stair."

The illustrated catalog offers the informal philosophical comments of each architect. Louis Bakanowsky says that "space is the medium through which we experience the physical world...places are used spaces." Jan Wampler, whose design is meant for "a small island off the coast of Maine," says that "a place or house is an echo of the people who live there." The more formal Jorge Silvetti states that "function finds the plan."

In his introduction to the catalog, Peter Serenyi notes that this exhibition "offers a significant forum for the dissemination of ideas," because "unbuilt projects of the past have often represented signposts in the history of architecture."

Museum hours are Tuesday through Saturday, 10 a.m. to 5 p.m.; Sundays, 11 a.m. to 5 p.m.; open Wednesdays until 9 p.m.

Museum Exhibits Magritte Paintings

Eight paintings by the major Belgian surrealist Rene Magritte are on display at the Herbert F. Johnson Museum of Art through May 31. The paintings are studies for a large mural, "The Enchanted Domain," commissioned in 1951 by Gustave Nellens, director of the Municipal Casino in Knokke-Le Zoute, Belgium. The studies were used as models for murals covering the walls of the gaming room of the casino.

Born in Lessines, Belgium in 1898, Magritte became one of the most famous painters of the surrealist school. His paintings are realistic, but filled with haunting, dream-like images, the components of which are often ordinary things.

"The Enchanted Domain" is a compendium of Magritte's favorite themes, juxtaposing such everyday objects as birds, fish, clouds, rocks and trees in compositions which as a whole are startling and alien. According to Magritte, "Without mystery, neither the world nor the idea is possible." Magritte died in 1967.

This exhibition was recently featured at the Metropolitan Museum of Art in New York City. It will be shown on the sixth floor

of the Johnson Museum, an area usually closed to the public. Accompanying the exhibition and available at the museum sales desk is a major new book on Magritte by Harry Torczyner, his close friend and American representative for many years. Museum hours: Tuesday—Saturday, 10 a.m. to 5 p.m.; Sunday, 11 a.m. to 5 p.m., open until 9 p.m. Wednesday.

French Film Maker To Discuss Works

A series of films and a lecture by French film maker Georges Rouquier will be presented at the University beginning April 3. Rouquier's week-long visit on campus will be his first in the United States. The program is free and open to the public.

Rouquier, whose film making career spans nearly half a century, is best known for his documentaries on a wide range of subjects. He has received a "Cesar," the French equivalent of the Oscar, for his most recent film, "The Blacksmith" (Le

Marechal-ferrant), made in 1977.

During his visit, Rouquier will screen five films never before seen in the United States. The films range from portraits of French traditional crafts to a full-length study of the shrine at Lourdes. Rouquier's special interest in science will be reflected in his film on the work of Louis Pasteur and in his lecture to be delivered April 6 on "The Vision and the Craft: Film As a Scientific Art."

Rouquier first achieved international renown in 1947 with the appearance of "Farrebique," the story of a year in the life of a French farm family, made under difficult conditions at the end of the German occupation of France. The film has won a number of awards including the Grand Prix du Cinema Francais and the Grand Prize of the Venice Biennial Festival in 1948.

During his week at Cornell, Rouquier will meet with students, film makers, and faculty interested in documentary film and in the variety of topics in French social history with which his films have dealt. His visit will include:

—Monday, April 3, 9 p.m.: "The Blacksmith" (Le Marechal-ferrant) as part of the Cornell Film Club's program. Members only.

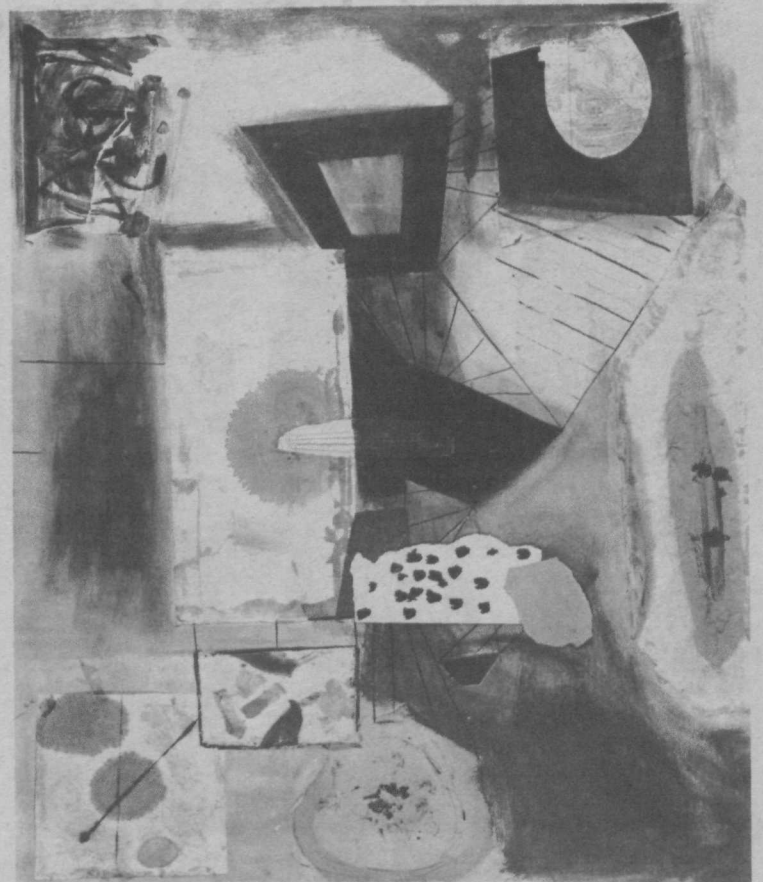
—Tuesday, April 4, 7 p.m., Uris Auditorium: "The Cooper" (Le Tonnelier), "The Scientific Achievement of Pasteur" (L'Oeuvre scientifique de Pasteur) and "The Salt of the Earth" (Le Sel de la terre).

—Wednesday, April 5, 7 p.m., Uris Auditorium: "Lourdes and Miracles" (Lourdes et ses miracles) and "The Cartwright" (Le Charron).

—Thursday, April 6, 8 p.m., Kaufmann Auditorium, Goldwin Smith Hall: Public lecture by Rouquier, preceded by a screening of "The Blacksmith."

—Friday, April 7, 7:30 p.m., Uris Auditorium: "Farrebique."

The program is sponsored by the Council of the Creative and Performing Arts, Cornell Cinema, Department of Romance Studies, Department of History, Independent Filmmakers at Cornell and the Telluride Association.



Robert Motherwell's collage, "Joy of Living," is part of the "Abstract Expressionism: The Formative Years" show on exhibit at the Johnson Museum of Art.

Early Abstract Art Is Focus of Exhibit

The first large-scale exhibition to focus exclusively on the early work of the first generation abstract expressionists will be on display from today to May 14 at the Herbert F. Johnson Museum. "Abstract Expressionism: The Formative Years" will concentrate on the works completed during the late 1930s and greater part of the 1940s by artists of the New York School.

Among the painters represented are Robert Motherwell, Jackson Pollack, William Baziot, William de Kooning, Arshile Gorky, Adolph Gottlieb, Hans Hoffman and Mark Rothko. More than 110 works are included in the exhibition, and many of these were created during World War II, when the former capital of art, Paris, was inaccessible.

The exhibition was organized by Robert Carleton Hobbs, assistant professor in Cornell's Department of History of Art and adjunct curator at the Johnson Museum, and Gail Levin, curator at the Whitney Museum of American Art in New York City.

During the summer of 1978, the show will travel to the Seibu Museum in Tokyo, Japan, con-

cluding its tour at the Whitney Museum Oct. 5 to Dec. 3.

Assembled from more than 20 museums and private collections in several countries, the exhibition analyzes the artists' search for a significant subject matter inherent in an abstract format. According to Hobbs, early abstract expressionism is "one of the most intriguing manifestations of the atavistic impulse that pervaded Western culture from the 1930s to the mid-1960s."

"The artist hoped to outdo the surrealists by creating a true primitivism of the mind. Their subject matter came to be identified with a ritualized spontaneity in the late 1940s, at the time when abstract expressionism is generally assumed to have begun," he said.

The illustrations in the catalog accompanying the exhibition include 15 full-page color plates. The exhibition and catalog are partially funded by a grant from the National Endowment for the Arts.

Museum hours are Tuesday through Saturday, 10 a.m. to 5 p.m., Sunday, 11 a.m. to 5 p.m., open Wednesdays until 9 p.m.

'Vocal Collage' Tells Life Story in Play

"Telemachus Clay: A Collage for Sounds and Voices in Two Acts" by Lewis J. Carlino will be presented at Cornell University in three weekend performances, April 6-9, 13-15 and 21, 22. The play is sponsored by the Cornell University Theatre and will begin at 8:15 p.m. in Drummond Studio of Lincoln Hall.

"Telemachus Clay" is the result of an experimental theater technique that Carlino devised in 1957—an attempt to portray a story of a life through expressionistic vocal collage. The play is written contrapuntally, according to the University Theatre, with naturalistic scenes shifting to expressionistic images. Rhythm and language are used in a style similar to that of James Joyce, and words have

meaning in their sounds as well as in what they represent.

Carlino, a native New Yorker, started writing for the theater at a very early age.

In recent years, he has been a leading scriptwriter for such Hollywood films as "The Brotherhood" and "The Fox."

Carlino believes that there is an emotional power that comes from a run-on delivery of highly selective images, like thoughts flowing into one another. In "Telemachus Clay" viewers are brought into the action not as spectators but as participants.

James Wilson directs the Carlino work.

Tickets are available at the Willard Straight Theatre box office from 3 to 6 p.m., Monday-Friday. The number is 256-5165.

Exhibit Features Student, Staff Art

"New Muses," an exhibition of award-winning works of art by University students and non-faculty staff, will be on display at Cornell's Herbert F. Johnson Museum of Art April 4-May 7. The artists were awarded funds for their projects by Cornell's Council of the Creative and Performing Arts.

The exhibition includes the work of approximately 20 artists and consists of tapestry, recordings of musical compositions, photographs, films, literary works, painting and sculpture.

The council instituted this

award program in the fall of 1976. The purpose is to encourage work on artistic projects not primarily concerned with course work or scholarly research. The grants usually provide \$100 to \$200, with a maximum of \$500, and are awarded twice a year. Each recipient is required to complete the project within a year and to make it available for public display or performance.

Museum hours are Tuesday through Saturday, 10 a.m. to 5 p.m., Sunday, 11 a.m. to 5 p.m., open Wednesday until 9 p.m.

'Hope' Is Theme Of Sage Convocation

John Lee Smith, director of the Cornell Law, Ethics and Religion Program and assistant to the dean at Cornell Law School, will be the speaker at the Sage Chapel convocation at 11 a.m. Sunday, April 2. His topic will be "Hope: The Essence of Faith."

Smith, an ordained Baptist minister, was associate director for studies of the Cornell United Religious Work from 1963 to 1971. From 1971 to 1975 he served as executive director of the Centre for Religion, Ethics and Social Policy.

Music will be provided by the Sage Chapel Choir under the



direction of Thomas Sokol, University director of choral music and acting choirmaster. Organist will be William Cowdery, graduate assistant.

Six Seek Employee Trustee Position



BARBARA ABRAMS



FLORENCE BERGER



GEORGE PETER



GAIL B. ROY



JOHN SEMMLER



ROBERT W. SMITH

Here are brief sketches of the six candidates for the employee trustee seat in this year's election.

Barbara Abrams has part-time positions in Campus Affairs, Admissions and COSEP offices, the last as an adviser to Native American students. She has been employed at Cornell for three years and has worked in both endowed and statutory offices.

Florence Berger is an associate dean of students at Cornell. She was active on several committees of the University Senate, committees dealing with the handicapped, has been an employee representative on outside trustee and presidential searches, and is chairwoman of the Provost's Advisory Committee on the Status of Women.

George Peter is senior research support specialist at the National Astronomy and Ionosphere Center. He was the University's first employee trustee and has worked for the University for 31 years, in both non-exempt and exempt positions. He also served on the University Senate and was chair-

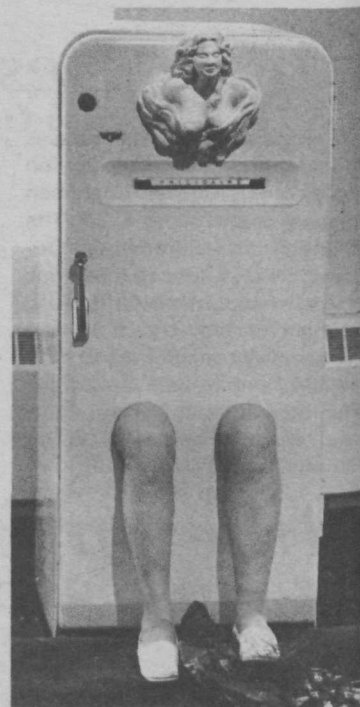
man of the Committee on the University as an Employer.

Gail B. Roy is an administrative secretary in the English Department, College of Arts & Sciences. She is running as a non-exempt candidate, and has been a representative on the Cornell Campus Council and a member of the Cornell Women's Caucus.

John C. Semmler is assistant director in the Division of Biological Sciences, and previously worked in the Office of Academic Funding. He is a member of a subcommittee of the Affirmative Action Advisory Board and of the Staffing Services Review Committee and is a performance appraisal trainer.

Robert W. Smith is deputy director of the University News Bureau and has also worked in sports information for the Athletic Department at Cornell. He has been employed by the University for seven years. He has been a member of the Parents' Weekend Planning Committee and the Employee Day Committee.

Detailed statements from all candidates will be distributed with the ballots.



'Obsolete Notions'

"Obsolete Notions" is the title of this work by sculpture major Larry Nielsen '78. It was on display along with several other works by Nielsen in the Sibley Dome Gallery just before the Spring Recess.

Voting Explained

Continued from Page 1

Arts '80: Brad Markowitz, Arts '80: Susan Vogel, Arts '80: John M. Walsh, Agriculture '81, and Byron Widger, Agriculture '79.

Six employees are running for the one two-year employee

trustee position. (See adjoining article). Seating of the employee trustee is subject to passage of legislation by the New York State legislature and subsequent amendment of University By-Laws by the Board of Trustees.

Ballots may be returned by campus mail provided they are received in the Campus Council office, 133 Day Hall, no later than 5 p.m. on Wednesday, April 12. There will also be walk-in voting on that day at the campus student unions, Big Red Barn, Dairy Bar and the First National Bank in Collegetown.



Blowing in the Wind

Students in Agricultural Engineering 201 got first-hand experience with wind technology just before vacation by assembling an early 1940s vintage windmill atop Riley Robb Hall. The mill, with its 6-foot long propeller-like blades, was originally used on farms in the Midwest to power radios and some electric lights. The Cornell students, under the direction of Louis Albright, assistant professor of agricultural engineering, have used the mill for lights and to charge a 6-volt battery and will compare the mill's power output to wind speed in order to determine its efficiency.

Teach, Research Abroad Opportunities Announced

The Council for International Exchange of Scholars has announced its 1978-79 program for University teaching and research abroad—Fulbright-Hays opportunities. Applications must be submitted 12 to 18 months in advance. Applications are due either June 1 (for Australia, New Zealand and American Republics) or July 1 (Africa, Asia, and Europe). Applicants must be U.S. citizens and have college or university teaching experience for lecturing, for research or have a doctoral degree. There are also postdoctoral fellowships available for research in Spain. For further information and application forms contact the Council for International Exchange of Scholars, Suite 300, 11 Dupont Circle, NW, Washington, D.C. 20036. Telephone (202) 833-4980. A new brochure will be available to consult in April.



Jewish Arts Festival Planned

A Jewish arts festival, including an evening with American Jewish writers and a celebration of Jewish dance, music and visual arts, will be held Monday, April 3, through Sunday, April 9, on campus. All events are free and open to the public.

There will be an exhibit Monday through Friday from 11 a.m. to 8 p.m. of Jewish ritual objects by Ludwig Wolpert. The exhibit, which will be in the Art Room of Willard Straight Hall, will include prints, photographs, weavings, paintings and antique pieces of Jewish ceremonial art.

Other scheduled events include:

—Thursday, April 6, 8 p.m., Goldwin Smith 221: American Jewish writers will read from and discuss their works. Susan Fromberg Schaeffer, author of "Anya," Jim Kates, poet and contributor to Response magazine.

—Friday, April 7, 6 p.m., Founders Room, Anabel Taylor Hall: The liturgy of the Conservative Friday night services will be sung to music by Salomo

Rossi, Italian Baroque Jewish composer.

At 7 p.m. in the One World Room of Anabel Taylor Hall, there will be a Shabbat Dinner. Reservations must be made by Thursday, April 6, in the Hillel office, G-34 Anabel Taylor.

At 8 p.m., also in the One World Room, there will be a performance of "David's Harp," a Yiddish musical done in translation as Reader's Theater.

—Sunday, April 9, 1-5 p.m., Memorial Room, Willard Straight Hall: "Celebration of Jewish Arts," Jewish dance, music and visual arts. The Collegium Musicum will be singing works by Rossi; Isadore Friedland will be

Campus Committees Seek New Members

Cornell students and employees interested in serving on a Campus Council or Campus Life committee should pick up an application form in the council office, 133 Day Hall. Forms should be completed and returned to the office no later than Friday, April 14.

Faculty members interested in serving on any of the council or Campus Life committees should contact the Dean of Faculty, 315 Day Hall (256-4843). Librarians and other academic staff not members of the University faculty may apply as employees or by contacting the Dean of Faculty.

Students and employees who sign up as candidates for membership on committees will have their applications screened by the Campus Council Committee on Committees. All applications will be kept to fill vacancies which may occur in the next academic year.

Faculty Units Seek Student Members

Students interested in becoming a student member of a faculty committee may obtain application forms at the Dean of Students Office, the desks in the Straight, Noyes Center and North Campus Union, and at the Information and Referral Center in Day Hall. Applications are due in the Dean of Students Office, 103 Barns Hall by Friday, April 14. The application forms will be forwarded to the chairman of the committee(s) in which students express first choice interest. The committee then forwards its choices to the Faculty Committee on Nominations and Elections for final decision. Student applications will be kept to fill vacancies which may occur in the next academic year.

Talk Topic Is Snakes

Susan Smith of the Department of Biology at Adelphi University will speak on "Avian Predation and Coral Snake Mimicry" at 7:45 p.m. Monday, April 3, at the Laboratory of Ornithology, 159 Sapsucker Woods Road.

Her talk, part of the laboratory's regular Monday evening lecture series, is free and open to the public.

Native Americans Watch Lacrosse

More than 80 students from Salamanca High School, primarily members of the Allegheny Seneca Tribe, learned about Cornell and saw how the Big Red plays the American Indian game of lacrosse during a visit here on Tuesday.

The seventh through 12th grade students, all participants in the federal Title IV program at Salamanca, were on campus for a program arranged by Cornell's Office of Admissions and the American Indian Affairs Office (COSEP). Tom Hogan, coordinator of Title IV at Salamanca, initiated the visit.

The young men and women had lunch at North Campus Union where they were greeted by William D. Gurowitz, vice president for campus affairs at Cor-

nell. They saw a slide show about the University and heard from Cornell admissions officers and Eloise Dowdell, speaking for the State Programs office.

College admissions officers from the New York State College of Agriculture and Life Sciences, the New York State College of Human Ecology, the New York State School of Industrial and Labor Relations and the College of Engineering made specific presentations. Other Cornell schools and colleges were described by members of the staff of Donald G. Dickason, dean of admissions and financial aid.

Following a bus tour of the campus, the high school students saw the Cornell-Hobart lacrosse game at Schoellkopf Field. Cornell won, 13-11.

Three Affirmative Action Task Forces Now Are Functioning

Three of six new task forces created by Cornell University's Affirmative Action Advisory Board are in place and beginning to examine the current status of various aspects of Cornell's affirmative action commitment. The units now at work will deal with affirmative action implementation, data and reporting

systems and the handicapped. William H. Goldsmith, associate professor of city and regional planning, is chairman of the task force on implementation; a co-chairperson is to be named. Alison Brown, small systems coordinator in computer services, and Paul Branford, assistant professor of city and re-

gional planning, are co-chairpersons of the data task force. Astrid de Parry of the University Counsel's office, and Gail P. Caruth, business manager of Dining Services, are co-chairwomen of the task force on the handicapped.

Task forces on information and education/training are being developed and should be in operation in the very near future, according to Board Chairman Lloyd Street, associate professor of community service education.

"The only proposed task force to which there has been little response is the one on Vietnam era veterans," Street said. "This means that we are especially interested in recruiting people to work on this task force."

Task forces will identify issues and be responsible for informing the University administration of its obligation and proposing ways to advance affirmative action at Cornell, according to Street.

He said each task force will decide on its method of operation, but he expects most will begin their work by interviewing the people "who will be the best sources of information."

More than 20 men and women have committed themselves to serving on task forces. Street said he was encouraged by that and by the fact that well over half of them attended the last meeting of the board.

Employee Training Programs Slated

Training programs for Cornell employees for April through June have been announced by the Personnel Development Section of the Office of Personnel Services.

A Program Calendar, which includes descriptions of 23 "courses" dealing with such diverse matters as transactional analysis and handling the mail, has been sent to all deans, directors, department chairmen and supervisors. They have been asked by Gerald S. Thomas, director of personnel development, to circulate the calendar among their staffs and encourage them to participate.

Among the topics covered in the program are "Using the Computer," "Communicating With Your Public," "Conducting Effective Problem Solving Meetings" and "Telephone Techniques."

"Training is part of the job; therefore these programs are offered during normal work hours. Hours in class approved by your department are considered hours worked," according to a statement in the Program Calendar.

Thomas urged employees

planning to take a course to preregister as soon as possible because classes are filled on a first come, first served basis.

Employees with questions about the latest training programs or any other personnel services programs should call 6-4869.

"These training programs are designed to improve employees' professional skills and practical knowledge," Thomas said. "Training and development activities aim to provide skills that enable employees to perform more effectively in their current assignments."

"At the same time," he continued, "these activities can maximize the benefit to the University of the employees' understanding of and experience with Cornell's particular working conditions and environment."

Office of Employee Counselor Is Moved

Eddie Smith, employee development counselor for Cornell's Office of Personnel Services, has moved his office to B-5 McGraw Hall. He had been located at 726 University Ave.

Telephone messages for Smith will be taken at 6-7400 and 6-4869.

Smith will be at McGraw on the Arts Quadrangle until June, when he hopes to have a permanent location. Various elements of personnel services have been relocated during the 1977-78 year.

Smith counsels employees who have concerns in career aspirations, job problems, job dissatisfaction and other related problems.

He also acts as a third party in job situations that require an outside perspective, monitors participation in the Employee Degree Program, has information about nontraditional educational opportunities, and acts as a referral source for other specific needs of employees which he cannot fulfill.

Speaker Challenges Usual Economics

Nicholas Georgescu-Roegen, Visiting Benedum Professor of Energy Economics at West Virginia University and challenger of some of the conventional ways of approaching economics problems, will give two public lectures at Cornell on Friday.

He will speak on "What the Traditional Peasant Communities Can Teach Us" at 1 p.m. in 401 Warren Hall and on "The Entropy Law Viewed by an Economist" at 7:30 p.m. in 135 Emerson Hall.

The talks are designed to be of interest to biologists, chemists, physicists, sociologists, city and regional planners, lawyers and others who do not consider themselves economists, as well as to those interested in all phases of economics.

Georgescu-Roegen is a distinguished fellow of the American Economic Association and a fellow of the Econometric Society, the International Institute of Statistics and the International

Institute of Sociology.

His visit to Cornell is sponsored by the Agricultural Economics Graduate Student Association, the Department of Agricultural Economics and the International Agriculture Program.

Thefts Lead the List On Barton Blotter

After several requests, the Chronicle this week resumes the Barton Blotter column, which for the first several years of the Chronicle's existence was a weekly reminder to readers of the extent of crime on campus, as gleaned from the Division of Public Safety's morning reports from the previous week.

Thefts led the list of crimes during the past week, with items taken including a lacrosse stick and ball, a Bernzomatic torch, a



Sherri Kapel Arts '79 looks over a sleep pattern printout as Mike Brizel Law '80 models some of the paraphernalia worn during research on sleep patterns conducted by Cornell psychology students.

To Sleep, to Dream, What Does It Mean?

Joe Adriano has been sleeping on his job. Dozens, perhaps hundreds, of people may thank him for it.

Who is Joe Adriano? And why could his sleeping be so widely appreciated?

Adriano is a junior psychology major at Cornell from New Bedford, Mass. He spent two months as "the sleeper" in a sleep study experiment conducted by eight Cornell undergraduates that could have significance to the psychology community.

"Most researchers have assumed that nightly sleep rhythms reflected long-term sleep rhythms," according to Barbara L. Finlay, assistant professor of psychology at Cornell. "From this research, there is no evidence that this assumption is true. Patterns appear to occur on a night-to-night basis with each night independent but influenced by moods during the day."

Finlay, who coordinated the project, is quick to give full credit to the students and seeks none for herself.

"This group of students got together as a result of being in the same section of an introductory 'psych' course," she said. "They designed the project, set up the lab, secured funds, everything. Their data collection was heroic; someone had to be in the lab, awake all night, every night to record the data. There were no errors or failures." Apparently Adriano was the only sleeper in the lab.

The project was unusual, Finlay explained, because no study has ever been done on a single individual sleeping for the amount of time "sleeper" Adriano slept—two months.

Every night, Adriano slept in a Uris Hall laboratory from midnight to 7 a.m. Exactly. As might be expected, he was hooked up with enough wires to make him

look like a character out of a horror movie.

During his waking periods, Adriano took no naps, no coffee, no cigarettes, no drugs—nothing in the way of stimulants or depressants. "There has been no other study in which all of these physical elements were as carefully controlled," Finlay said.

During the day he also took his temperature six times to see if there was any relationship between his sleep rhythms and basic metabolic rhythms. Last, but certainly not least, he did an "inventory" of his moods twice a day.

For the inventory he noted whether he was—among other things—irritated, happy, sad, depressed, frustrated, and to what extent.

In addition to Adriano, the student experimenters were Linda Mealey, the organizer from Cincinnati, Ohio; George Carman of Wallingford, Pa.; Sherri Kapel of Scarsdale, N.Y.; Robert Rene of Lido Beach, N.Y.; David Wrobel of Smithville Flats, N.Y.; Diane Piriano of Belmont, Mass. and Barry Kushelowitz of Forest Hills, N.Y.

The students, most of whom are psychology majors, will present their findings later this year at the Association for the Psychological Study of Sleep.

"Sleep is complicated—it involves patterns of light sleep, deep sleep and dreams repeated over and over during the night," according to Finlay. "The students wanted to know why there is such a pattern and what controls it. This project was an attempt to discover if the basic rhythms of sleep were related to any other rhythmic patterns of the body."

"The students sought to find out if the alternation of dreams and deep sleep followed a cycle extended over days or weeks, which many researchers had predicted they would find," she continued. "Though the results are still being analyzed and are still unclear, there is no strong evidence yet that there are supra-circadian rhythms." Rhythms greater than one day are referred to as "supra-circadian."

All of the nighttime research was conducted in the Cornell Sleep Laboratory in Uris. The lab was developed by James B. Maas, associate professor of psychology, in conjunction with Psychology 440, a course he introduced in 1970-71 to examine sleeping and dreaming.

Good night.

America's Socialist Future Talk

Michael Harrington, often called "America's foremost socialist," will speak at 8 p.m. Thursday in Uris Auditorium.

Harrington's topic will be "The Socialist Future of America." His appearance at Cornell is sponsored by the Cornell Organization for Labor Action, the Student Finance Commission and the Democratic Socialist Organizing Committee.

An initiator of the DSOC in 1973, Harrington was elected its first chairman. He is the author of numerous books, including "The Other America," "The Twilight of Capitalism" and "Toward a Democratic Left."

A longtime associate of Socialist Norman Thomas, Harrington was chairman of the Socialist Party in the United States from 1968 to 1972, and chairman of the American delegation to the Socialist International in 1969.

Harrington was a member of Dr. Martin Luther King Jr.'s advisory committee and a member of President Lyndon Johnson's task force on poverty in the 1960s. He was active in the presidential campaigns of Robert Kennedy, Eugene McCarthy and George McGovern.



Tsun-Yuen Lui will play the p'i-pa in a concert tonight.

Chinese Music Recital at Barnes

Connoisseurs of the unusual will be treated to an evening of exotic Chinese music in Barnes Hall at 8:15 p.m. today, when Tsun-Yuen Lui presents a recital on the ch'in and p'i-pa. The concert is free and is sponsored by the Department of Music and the Council for the Creative and Performing Arts.

The ch'in is a seven-string zither, traditionally the favorite instrument of Chinese scholars and philosophers, originating at least as early as the Shang dynasty (1766-1122 B.C.). The p'i-pa, a four-stringed instrument similar to a lute, came into China during the Northern Wei period (386-535 A.D.).

Most of the selections which Lui will play are anonymously written tunes, some of which date back three centuries, with such picturesque titles as "Snow in Sunny Spring," "Flower Petals Descending on the Grass," "Wild Geese on a Lonely Shore," "Four Tokens of Happiness," and "Moonlight on the Spring River." He will perform two of his own compositions: "Dragon Boat" and "Chinese Soldiers' March," both written for the p'i-pa.

Born in Soochow, China, Lui studies the p'i-pa and ch'in with the foremost masters in China. He began his concert career in Hong Kong and made his Carnegie Recital Hall debut in

1959. His virtuosic technique, dedication and scholarly musicianship have established him as one of the few great exponents of ancient Chinese music.

At 4:30 p.m. today, Lui will give a lecture-demonstration in Lincoln Hall 121 on the finger techniques of playing the two instruments.

Master to Perform Music of India

Sri Chinmoy, Indian spiritual master and director of the United Nations Meditation Group in New York City, will give a free concert of Indian music at 8 p.m. Saturday, April 1, in Kaufmann Auditorium of Goldwin Smith Hall.

Chinmoy is especially known for his mastery of the esraj, a Bengali string instrument, but he also performs on flute, cello and harpischord. Several of Chinmoy's disciples, including Narada Michael Walden and Shrinwantu, will perform vocal and instrumental arrangements of the Indian master's music.

Chinmoy has composed 3,000 songs in Bengali and English and has performed at Carnegie Hall,

Husa to Conduct at Bailey

Ithaca Bach Festival Opens

As a highlight of the first annual Ithaca Bach Festival, Karel Husa, Cornell professor of music, will direct a performance of Bach's Mass in B minor in Bailey Hall at 8:15 p.m., Sunday, April 2.

Appearing as guests with the 25-member professional Cayuga Chamber Orchestra will be the 40 vocalists of the Cornell Chamber Singers and four soloists: Neva Pilgrim, soprano; Pamela Gore, mezzo-soprano; David Pelton, tenor, and Donald Miller, bass. The chamber singers are directed by Thomas A. Sokol, Cornell professor of music.

Pilgrim and Miller, residents of Syracuse, are well-known

soloists in this area. Core and Pelton are active in the Boston region; the latter is a Cornell graduate who has returned on several occasions to sing in University concerts.

The last Ithaca performance of the Bach Mass in B minor took place in 1959 in Bailey Hall, also under the baton of Husa, who has achieved an international reputation as conductor and composer.

Other events of the Ithaca J.S. Bach festival, which is the brainchild of cellist Carey Beth

Hockett, will take place March 31 and April 1. There will be a program of Bach's organ music by guest performer William Neil at 8:15 p.m. Friday, March 31, in Sage Chapel, and a recital of Bach's music for unaccompanied cello played by Hockett at 8:15 p.m. Saturday, April 1, in the Unitarian Church of Ithaca.

Tickets for each event may be purchased at Lincoln Hall and Willard Straight Hall ticket offices and at various downtown locations.

Symphonic Band Concert Set

Familiar marches, show tunes and arrangements will be played by the Cornell Symphonic Band in a free concert in the Memorial Room of Willard Straight Hall at 4 p.m. Sunday, April 2.

Under the direction of Samuel Pellman, the band will open the program with two rousing marches by John Philip Sousa, "The Thunderer" and "Washington Post," followed by Robert Russell Bennett's arrangement of tunes from Loewe's "My Fair Lady." The ensemble will play arrangements of the Berceuse and Finale from Stravinsky's ballet "The Firebird," waltzes from Johann Strauss' opera "Die Fledermaus," Capriccio by Gustav Holst and Toccata for Band by Frank Erickson.

'Trio de Bon Gout' To Give Concert

The "Trio de Bon Gout" will present a program of 18th-century music, free to the public, in Barnes Hall at 8:15 p.m. Saturday, April 1, under sponsorship of the Department of Music.

The group, consisting of Laura Carroll, Carole Terry and Rebecca Harris-Warrick, specializes in French baroque music, although its repertory includes German and Italian baroque and classical music as well. The members met four years ago while graduate students in early music at Stanford University, where all held Stanford guild scholarships and teaching fellowships. The trio's extensive concerts in the San Francisco area received praise

from the leading music critics.

Carroll is now at Cornell working for a doctoral degree in musicology and studying gamba with John Hsu, the Old Dominion Foundation Professor of Music. Having recently completed doctorates at Stanford, Harris-Warrick lives in Cambridge, Mass., and Terry in Seattle, Wash.

The concert will include works of Couperin, Telemann, J.S. Bach, Abel and Haydn, played on careful reproductions of 18th-century instruments. Harris-Warrick will perform on a wooden transverse flute, Carroll will play treble viol, bass viol and baroque cello and Terry is harpsichordist and fortepianist.

COMPASS Expanded



The Academic Resources Center in Uris Library is constantly adding new information to its files to help you, the Cornell community, discover the numerous and diverse academic resources in the Ithaca area. COMPASS (Computer-Assisted Search Service) is a tremendously valuable resource on campus which has recently been expanded. Through computer terminals in the Reference Departments of Olin and Mann Libraries, COMPASS provides direct access to many data bases in order to lead you to the precise sources you need. Data bases exist for many of the standard periodical indexes and abstracts such as Social Sciences Citation Index and Psychological Abstracts, but unlike the printed sources, the data bases can be quickly and thoroughly "read" by machine. You will then receive your own custom-designed bibliography in the mail.

Computer searches in the areas of the natural and physical sciences, technology, medicine and education were started at Mann Library in 1972, and a complementary service which focuses on the humanities, the social sciences and business is now operating in Olin Library. According to COMPASS librarians Neil McElroy (Olin) and Susan Markowitz (Mann), "COMPASS can be used to help with a term paper, to prepare a thesis or research proposal, or to get information about specific products or industries. The results of a computer search may range from exhaustive bibliographies to a few pertinent citations, depending on the field searched and on the user's needs."

More detailed information and a price list are available at Mann and Olin libraries. Neil McElroy (256-4144) and Susan Markowitz (256-7754) will be happy to talk with anyone about COMPASS and to give demonstrations of the COMPASS search process.

Graduate Bulletin

(Sage Notes from the Graduate School)

Graduate Summer Tuition Awards provide \$80 per credit hour for courses taken during the summer session at Cornell. Applications for the 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 17.

Applications for the 1978-79 New York State Senate Legislative Fellows Program are available at the Fellowship Office, 116 Sage Graduate Center. Ten fellows are chosen each year to spend a year in Albany, N.Y., during which time they receive first-hand knowledge of the operation of New York State government. Fellows receive a salary (taxable) of \$11,000 for the year as well as the normal benefits of other senate employees. Applicants must meet the following eligibility requirements: be a matriculated student in a recognized graduate program at an accredited college or university at the time of application; be a resident of New York State or attend an educational institution in New York State; have a strong orientation toward public service; show evidence of strong research and communication skills. Applications must

be submitted to the Student Programs Office of the Senate by April 15; notification of awards will be made on or before June 10. Additional information is available at the Fellowship Office.

1978-79 Financial Aid Renewal Applications are now available in the Financial Aid Office, 203 Day Hall. Graduate students seeking aid consideration (loans and/or work study) for next year should obtain forms and submit completed applications to 203 Day Hall. The application deadline is April 15, but graduate students are strongly encouraged to submit completed forms before then.

Any students who have not yet completed requirements for an M.A., M.S., or Ph.D. degree but who expect to complete requirements by the May 19, 1978 deadline should fill out the "Provisional Commencement List" form available at the Graduate School Office. Names will be set in type for the Commencement program, but removed if requirements are not complete by May 19. Deadline for submission of this form to have name placed on the Commencement program is April 28. May 19 is the deadline for submission of all materials for a May degree. No exceptions to this deadline will be made.

Attention Professional Master's Students: A limited amount of scholarship money is available for Professional Master's degree students for the 1978-79 academic year. The award packages, including scholarship, loan and job, will be administered by the Office of Financial Aid, 203 Day Hall, and will be based primarily on demonstrated financial need. Continuing graduate students in professional master's degree programs who wish to be considered for this scholarship program should obtain a 1978-79 Financial Aid Application (FAF) from 203 Day Hall. Students should write "PM" (for Professional Master's) on the top of their application. The deadline for filing completed applications with the Financial Aid Office is April 15. Continuing graduate students who apply by April 15 will be evaluated and notified by mid-May. Those who apply after the deadline will be considered on a funds remaining basis only. Eligible graduate students who have already submitted an application and who wish to be considered for this scholarship program should notify the receptionist at the Financial Aid Office (6-5145). Any additional questions may be directed to Liza Attridge, graduate financial aid counselor.

Agriculture, Water, Policies Discussed

Problems of water, weather, and soils as they affect agriculture and the effects of government policies on them were discussed Tuesday at the Agricultural Forum by specialists from the State College of Agriculture and Life Sciences.

Gilbert Levine, director of the Center for Environmental Research at Cornell, spoke on the topic "Water—How Much? How Pure? How Should It Be Utilized?" Bernard E. Dethier, an atmospheric scientist, spoke on the effects of weather on agriculture and government concern for the world food supply. W. Shaw Reid, an agronomist, raised such questions about government policies as using cropland for waste disposal when little is known about the long-term effects of many heavy metals and microbes found in the waste.

Levine, speaking on water pollution, said that unlike industry where pollution problems can be pinpointed and corrected, agricultural pollution is not as simple to identify and control. Pollution problems can occur some distance from the source, making it very difficult to identify the source.

He said some agricultural activities can be identified as the source of such pollutants as sediment, nutrients, and toxic chemicals, but the magnitudes of such contributions to the problem of pollution have never been established.

Dethier, speaking on weather effects, said scientists have found evidence that the cooling of the northern hemisphere can be correlated with a more variable climate. "This would result

in an increase of weather hazards to agriculture such as drought, floods, and extremes of temperature during a growing season," he pointed out.

If the cooling trend does portend large scale changes in the atmospheric circulation, "disaster could befall hundreds of millions of people," he said.

Dethier pointed out that by 1976 North America, Australia, and New Zealand were the only countries exporting grain. All other countries had had crop failures or were raising only enough to meet their own needs. He indicated that many scientists agree that food reserves should be built up until the energy and population problems can be resolved and until accurate climate predictions become a reality.

Reid pointed out there is a limited supply of cropland, and said the long-term effects of many heavy metals and microbes in waste materials are little understood and may contaminate both soil and water. "These wastes may create irrevocable changes in land use," he said.

On the other hand, sewage sludges that are low in concentrations of heavy metals and other contaminants may be applied to soils for crop production thereby recycling the nutrients and organic matter, he said.

"Should nutrient conservation be a voluntary or regulated activity?" he asked. To prevent the loss of nutrients from agriculture to other segments of the environment they must be harvested in crops. Therefore, the amount of manure and fertilizer added must be in balance with the residual fertility of the soil which is determined by a soil test.

Rhodes to Speak In Risley Series

Cornell President Frank Rhodes will speak on "A Degree—And Nothing More" at 7:30 p.m. Monday, April 3, in Risley Theatre.

His lecture is part of the Risley Professor Series sponsored by the residential college. All lectures in the series are free, open to the public and held 7:30 p.m. in Risley Theatre.

Also speaking in the series will be Donald Greenberg, director of Cornell's Computer Graphics Program, who will discuss and demonstrate computer graphics techniques on April 17.

Charlotte Conable, Cornell trustee, will discuss "Women at Cornell," the subject of her book published last fall by Cornell University Press, on April 27.

Czech Literary Style Is Lecture Subject

Jurij Striedter, one of Europe's eminent literary scholars, will speak at 4 p.m. Friday, April 7, in the Guerlac Room of the Andrew D. White House.

Striedter, professor of Slavic languages and literature at Harvard University, will speak on "Literary Evolution and Evaluation: Proposals and Problems of Czech Structuralism." His talk is sponsored by the Committee on University Lectures and the

Soviet Studies Committee.

Striedter was invited to speak at Cornell because of faculty requests that a lecture be arranged "to deal with the very exciting developments in Russian literary criticism that go by the name structuralism," according to Patricia J. Carden, associate professor and chairman of Cornell's Department of Russian Literature.

Summer Program In Germany Offered

A Cornell Summer Program in Germany is being offered at the Goethe Institute in Blaubeuren from June 5 through July 29. Six to eight hours of Cornell credit can be earned. The cost will be approximately \$1,100, not including transportation to Germany.

For further information, contact the Office of the Summer Session, 105 Day Hall, or the Department of German Literature, 172 Goldwin Smith Hall, 6-5265.



Cornellians Teach 'Masterpieces in One Hour'

Judy Krell '79 and Ingrid Lohr '79, two of the students in Community Service Education 340 who taught "Masterpieces in One Hour" at the Greater Ithaca Activities Center, work with two of the attending children on bean and seed collages. Other projects in the four-day program were sand sculpturing, printing with fruits and vegetables, and popcorn sculpturing. The special project, an activity of the CSE class, was conducted on four afternoons for younger children and four evenings for teenagers.

University, Messenger Lectures

Speaker Nominations Sought

Nominations for Messenger Lectures speakers and other University lectures are being sought by the Committee on University Lectures. The Messenger Lectures are the University's most prestigious series and are arranged at least a year in advance. Each Messenger speaker is asked according to the terms under which the series was established, to give a series of three or six lectures bearing on the "evolution of civilization." Topics may be drawn from any of the humanities, sciences and social sciences.

The committee supports academic lectures, particularly those for which other sources of support are not readily available,

and is responsible for allocating funds from several bequests.

Other than the Messenger Lectures, of which there are usually two series each year, the committee can support about a dozen lectures in the academic year.

Nominations should be submitted as far in advance as possible — for the fall, the committee should receive nominations this spring. After May 1, the committee will not meet again until the first week of the fall term. It is expected that funds for the entire academic year will be committed within two months of the beginning of the fall term.

Nominations should be supported by letters from at least two departments (to promote interest to a broader segment of the community) and by first-hand testimony of the nominee's effectiveness as a speaker. The subject of the proposed lecture and, if possible, approximate dates should be provided. The nominations should be sent to Jean Morehouse, secretary of the committee, 315 Day Hall or to a member of the committee. Any inquiries should be directed to Morehouse at 256-4843.

The members of the committee are Joan Egner, education; Thomas Eisner, neurobiology and behavior; W. Harry Everhart, natural resources; Donald T. Farley, electrical engineering; Arthur I. Harris, Arts '79; Daniel Mansoor, Engineering '79; James O. Morris, I&LR; Don M. Randel, music (chairman); J. Saunders Redding, emeritus, English; Roger Howley, University Publisher; Jean C. Morehouse, secretary, and Byron W. Saunders, dean of faculty, ex officio.

Biocommunications: Vision Is Talk Topic

Dr. Jerome Y. Lettvin, professor of communications physiology at the Massachusetts Institute of Technology, will give two lectures on problems in vision at 4 p.m. Monday and Tuesday, April 3 and 4, in the main auditorium of the State College of Veterinary Medicine, Cornell University.

His talks, on color vision Monday and peripheral vision Tuesday, are part of a distinguished lecture series in biocommunications sponsored by Cornell's Section of Neurobiology and Behavior. All lectures in the series are free and open to the public.

Dr. Lettvin has been associated with the Research Laboratory of Electronics at MIT since 1951, studying cognitive and perceptive processes in living systems. He is especially well known for his studies of the visual system of frogs.

Dr. Lettvin holds the B.S. degree from Lewis Institute, now

part of Illinois Institute of Technology, and the M.D. degree from the University of Illinois.

Hazard to Give Law School Lecture

Geoffrey C. Hazard Jr., the Garver Professor of Law at Yale University, will give the Law School's 1977-78 Robert S. Stevens Lecture. His topic will be "The Supreme Court as a Legislative Body." The lecture will be held at 3:30 p.m. Monday, April 3, in the auditorium/courtroom of Myron Taylor Hall on the Cornell campus and is open to the public.

Hazard's professional and scholarly interests have centered on the fields of civil procedure, evidence, judicial administration and conflicts of laws. He has published extensively in these fields.

Hazard studied law at Columbia and received his LL.B. in 1954. Until 1961 he lived and worked in Oregon, serving as deputy legislative counsel during 1956-57 and as executive secretary of the Oregon Legislative Interim Committee on Judicial Administration from 1958-61. Hazard began teaching law in 1961 at the University of California at Berkeley. During the period from 1964-70 he served as executive director of the American Bar Foundation and as professor of law at the University of Chicago. Hazard has been at the Yale Law School since 1971.

Board of Trustees Meets

For the meetings of the Executive Committee and the full Board of Trustees of Cornell University held March 16, 17, 18, 1978, in Ithaca, New York.

NOTE: This summary journal does not include confidential items which came before meeting or actions on which separate stories appear in this edition of the Chronicle.

1. The minutes of the Jan. 27-28, 1978, meeting of the Board of Trustees were approved as were the minutes of the Dec. 13, 1977, and Jan. 26, 1978, Executive Committee meetings.

2. University President Frank Rhodes reported to the trustees on the state of the University.

3. Vice President for Financial Planning and Services Samuel A. Lawrence reported on the status of the University's capital funds as a result of recent stock market declines and particularly on the funds' adequacy to satisfy reserve levels mandated by the Board of Trustees. Vice President Lawrence also commented on a report updating the analysis of the Trustee Ad Hoc Committee on Capital Financing—the Weiss Committee Report.

4. The trustees, subject to approval of the Joint Board of The New York Hospital-Cornell Medical Center, adopted a policy for crediting gifts received under the Third Century Program. Further, the trustees approved the case statement in support of The Third Century Fund campaign at the Medical Center as presented by University Chancellor Dale R. Corson. The case statement also has been approved by the Hospital Board of Governors.

5. The trustees approved certain revisions in check signing authority which the president had recommended.

6. The policy statement for tuition and fee refunds was revised as recommended by the president. The addition states: "In the event of the death of a student, refunds on tuition will

be determined by the pro-ratio of bills on a daily basis." The policy will apply also to housing and dining contracts. The policy change was made in order to achieve uniformity in the refund schedule and to avoid unintentional embarrassment in refunds forthcoming due to the death of a student.

7. The University administration was authorized to open an account at the National Commercial Bank and Trust Co. in Albany to accelerate the reimbursement of statutory college payroll.

8. The University administration was authorized to have a bill introduced in the 1978 legislative session which would amend County Law to increase the level of state support for county extension service associations for the current year (from \$20,000 to \$24,000), and to provide for a regular annual adjustment of support equivalent to salary increases for professional personnel in the statutory schools and colleges.

9. The University administration was authorized to withdraw two funds currently in the Capital Fund (with the annual distribution being used for the women's physical education department) from that fund. The proceeds will be used within the Department of Physical Education and Athletics to meet Title IX requirements.

10. The trustees approved a number of personnel items which the president had recommended.

11. Upon presidential recommendation, University Controller John S. Ostrom and John C. Nicolls of International Systems, Inc., were elected members of the Cornell Glee Club Advisory Council for terms expiring June 30, 1978.

12. The trustees adopted a meeting schedule for the Executive Committee and the full board for 1978-79. The schedule is: Executive Committee meet-

ings will be Tuesday, July 18, 1978 in New York City; Tuesday, Sept. 12, in Ithaca; Thursday, Oct. 19, in Ithaca; Tuesday, Nov. 14, in New York City; Tuesday, Dec. 12, in New York City; Thursday, Jan. 18, 1979, in New York City; Thursday, March 15, in Ithaca; Tuesday, April 10, in Ithaca; Tuesday, May 8, in New York City, and Saturday, May 26, in Ithaca. Full board meetings will be held Friday and Saturday, Oct. 20 and 21, 1978, in Ithaca; Friday and Saturday, Jan. 19 and 20, 1979, in New York City; Friday and Saturday, March 16 and 17, in Ithaca, and Sunday, May 27, in Ithaca.

13. The chancellor reported completion of his comprehensive report on the status of the University and of higher education as viewed from the perspective of his 14 years as provost and president. The report was requested by the board in May 1977.

14. A discussion, led by University Provost David C. Knapp, was held on undergraduate admissions. Vice Provost Mark Barlow Jr. and Dean for Admissions and Financial Aid Donald G. Dickason also participated.

15. A faculty panel discussed new teaching programs in the Department of History. Participating were Michael G. Kammen, the Newton C. Farr Professor of American History and director of the Society for the Humanities; Walter F. LaFeber, the Marie Underhill Noll Professor of American History, and Joel H. Silbey, professor of American History.

16. The full board heard reports and recommendations from the Executive Committee as presented by its chairman, Trustee Charles T. Stewart.

17. The board heard a report on the alumni annual giving program, on the progress of The Cornell Campaign, and on total gifts to the University.

18. There were reports on Cornell relations with the State of New York and with the State University of New York.

19. The president reported on deaths, resignations and retirements.

20. The board heard a report from the chairman of the Health Sciences Committee, Trustee Stephen Weiss.

21. The advisory council of the College of Engineering reported to the trustees. Council member Jerrier Haddad and College Dean Edmund T. Cranch participated.

22. Trustee Bruce Widger reported as chairman of the Buildings and Properties Committee and the minutes of the Jan. 26, 1978, meeting of that committee were presented for information. Vice President for Facilities and Business Operations Robert M. Matyas presented the semi-annual report on the critical maintenance program.

Immigrant Workers Lectures Scheduled

"Immigrant Workers in Contemporary Europe" is the title of a series of three lectures to be given April 3, 10 and 17 from 12:15 to 2 p.m. in Room 204, Uris Hall.

The series, which is free and open to the public, is sponsored by the Western Societies Program of the Center for International Studies.

David McKay, professor of political science at the University of Essex and a visiting fellow at

Community Still Needs Volunteers

By Mary McGinnis
Coordinator, CIVITAS

There is still time to volunteer this semester. Requests for help of all kinds continue to come in from community human service agencies, and tutorial assistance is still needed by the Ithaca schools which do not close until the end of June. Some needs are short-run and involve a limited time commitment only. Other programs are on-going, but the jobs to be done can be designed to fit individual schedules. The list below is varied in both the kind of help needed and the time commitment required.

TASK FORCE FOR BATTERED WOMEN: An organization which offers free confidential assistance for women with legal and financial problems, as well as emergency shelter and support, will provide counselor/advocate training for volunteers beginning in mid-April. Sessions to be held once a week for a six-week period, after which volunteers will be on call and asked to attend monthly staff meetings.

SUICIDE PREVENTION AND CRISIS SERVICE: Training for volunteer counselors (who must be 21 or a college senior) will begin in mid-May. Training involves eight weekly evening sessions and one all-day workshop. Upon completion of training volunteers are asked to give 15 hours of service and attend two staff meetings' each month.

ELEMENTARY SCHOOL NEAR CAMPUS is looking for a crocheting and knitting teacher. Any time, any day, 9 a.m. to 3 p.m.

AFTER-SCHOOL SWIMMING PROGRAM FOR ELEMENTARY AGE CHILDREN seeks volunteer swim instructors and supervisors, WSI certified or with experience in teaching children to swim. Monday, Tuesday and Friday, 2:45 to 4:30 p.m., starting April 3.

6TH GRADE CHILD WHO LACKS COORDINATION SKILLS AND FINDS WRITING DIFFICULT needs help from a tutor to learn to type. Any time, any day, 9 a.m. to 3 p.m.

KICK THE HABIT (SMOKING): Cancer Society seeks former smokers to train as leaders to conduct series of six to eight sessions to help people quit smoking. Sessions can be held daytime or evenings to suit the volunteer's schedule.

SECURE FACILITY FOR ADOLESCENTS NEEDS TUTORS: English and math tutors needed Monday, Tuesday, Wednesday and Thursday evenings, 7 to 9. Commitment of two evenings a week required. Car is necessary, but transportation will be reimbursed.

GARDENER AND GREENHOUSE HELPER: Home for the elderly within walking distance of campus seeks volunteer to help residents with plant care and to work in greenhouse. Daylight hours, any day, at convenience of volunteer.

BIG BROTHER/BIG SISTER: We recently have received several calls for big brothers/big sisters and hope students who plan to stay in Ithaca during the summer will consider this volunteer program. Time commitment is usually a few hours a week. A big brother/big sister often gives an insecure child support and friendship that is both invaluable and irreplaceable.

ITHACA HIGH SCHOOL SEEKS TUTORS: English, social studies and biology tutors to work with individual students or small groups. Mid-morning to late afternoon, Monday to Friday at volunteer's convenience.

YOUNG WOMAN, recently arrived from Yugoslavia, and two elementary aged children recently arrived from Russia need help with English conversation. Times and days flexible.

To respond, please call CIVITAS, 256-7513, Monday through Friday, from 10 a.m. to 2 p.m., or drop in Room 125, Anabel Taylor Hall, or call the Voluntary Action Center, 272-9411, Monday through Saturday, 9 a.m. to 1 p.m.

Marriage, Careers Discussed in Film

When both spouses work: Who cleans the bathroom? Who stays home with the sick child? What happens when one partner is offered a much better job in a distant city? And why, considering the effort it takes, do couples want dual careers?

Three recent graduates of the New York State College of Human Ecology and their husbands discuss these questions and others they've faced juggling domestic and professional responsibilities in a new 26-minute color videotape produced by Margaret Stout Thomas, career counselor at the college, in cooperation with the Educational Television Center, media services.

The first public showing of the videotape is scheduled for 4 p.m.

today in 124 Martha Van Rensselaer Hall. The showing will be followed by a discussion of some of the issues raised.

The videotape is designed to "promote consideration of the issues involved in the maintenance of two careers by two people who also care about each other and their responsibilities to a common household," Thomas said.

It features interviews with Beverly Meek, now head care giver in the Infant Care Center at Sage Infirmary, and her husband Dennis, a graduate of the College of Architecture, Art and Planning who works for a local architecture firm; Leah Bell, a Cooperative Extension agent specializing in energy and consumer economics, and her husband David, who holds a master's from Cornell and now works as a mechanical and design engineer at NCR Corp.; and Marilyn Bartter, development consultant with the United Way of Metropolitan Chicago, and her husband Brit, who holds the Ph.D. in finance from Cornell and teaches at the Graduate School of Management at Northwestern University.

Individuals, couples and small groups can arrange to view the tape by contacting Jeanne Rice in the ETV Center. Her telephone number is 256-5431. Arrangements can also be made through Rice for showing the tape using other video equipment on campus.

Child Abuse Unit Sponsors N.Y. Tour

Jolly K. is a child-abuser whose visit to eight cities in New York State is being partly sponsored by the Family Life Development Center, a child-abuse prevention unit of the State College of Human Ecology.

Jolly K. is a woman whose self-hatred once threatened to destroy her and her child. Her tour of the state is to show that

Parents Anonymous, which she founded, can help abusive parents.

Without judging or moralizing, Parents Anonymous has succeeded where other agencies fail. A national evaluation shows that a parent who participates in the program will usually cease verbal abuse of a child within a month and rarely repeat physical abuse.

The closest of the visits to Ithaca will be from 10 a.m. to 1 p.m. Thursday, April 6, in the Elmira YWCA.

Dining Accepts Cards

All of the facilities operated by Cornell Dining Services are now accepting Visa and Mastercharge cards in addition to Cornell cards. The charge cards may be used for all purchases except alcohol as mandated by New York State law. Dining Services said it hopes that this new service will afford added convenience to faculty, staff and students, as well as visitors and alumni who use the dining facilities.

Fund-Raising Dance-a-thon Planned

The second annual 24-hour dance-a-thon for charity, sponsored by Kappa Delta sorority and WVBR-FM, will begin at midnight Friday, in the main lounge of the North Campus Union. All proceeds from the dance-a-thon will go to the Virginia Crippled Children's Hospital.

WVBR's Larry Epstein will attempt to play records for the dancers for 20 consecutive hours. Music for the last four hours of the marathon will be provided by Crystal, a group from Syracuse.

Those interested in participating should call 257-7416 for more information.

Bulletin Board

Film Festival Planned

The Three Stooges, Rudolf Valentino, Abbott and Costello will be featured in a film festival beginning at 8:30 p.m., Saturday, April 1, in Sage Hall living room. Admission to the festival, which includes selected shorts, is 50 cents. The program is being sponsored by Grads for Grads.

CRIME ALERT

THE CORNELL DEPT. OF PUBLIC SAFETY WOULD LIKE YOU TO KNOW THAT...



CRIME PREVENTION

RAPE IS MORE THAN A SEXUAL CRIME. IT INVOLVES ASSAULT, FORCE, VIOLENCE, AND INJURY. EVERY HOUR, EVERY DAY, SOMEWHERE, SOMEONE IS RAPED!!!

WHAT CAN YOU DO?

YOUR BEST DEFENSE IS PREVENTION, AND THE FIRST STEP TO PREVENTION IS AWARENESS THAT YOU COULD BE A VICTIM. PUBLIC SAFETY HAS A PROGRAM THAT INCLUDES INFORMATION AND EDUCATIONAL TIPS FOR SELF-PROTECTION.

IF YOU AND YOUR GROUP WOULD CARE TO HAVE THIS PROGRAM PRESENTED TO YOU, PLEASE CALL 256-1111 ANYTIME AND WE WILL BE GLAD TO SET-UP A MEETING WITH YOU. REMEMBER, **AWARENESS IS THE KEY TO YOUR SAFETY!**

War on Waste

Here is one of the many repeat suggestions for saving money that have crossed the desk of the University's War on Waste Committee.

Copysette should be used routinely for file copies of letters and memos instead of photocopies. There is a \$15-saving for each ream of copysette used.

If you have other suggestions, please submit them to Jack W. Lowe, B-7 Day Hall. If yours is a good one, it might win a cash prize.

Beer and Ale Appreciation

A beer and ale appreciation program will be held at 8 p.m., Friday, March 31 at the Dairy Bar Cafeteria. The program is sponsored by the Food Science Club and includes beer, ale, munchies, a movie, and short talks by H. Donald Miller, promotion sales manager of Genesee Brewery, and Maria Frati, director of quality control at Genesee Brewery. Tickets are 50 cents and may be purchased at the main office of Stocking Hall.

Marriage and Career Planning

Married and career oriented? The Office of the Dean of Students is holding an open discussion on "Careers and Dual Career Planning" at 8 p.m., Monday, April 3, in Conference Room No. 1, North Campus Union. Charlotte Shea of the Career Center will lead the discussion. Wives and/or husbands are invited to participate. For more information call Steve Farrar at 6-3608, or drop by the Dean of Students Office, 103 Barnes Hall.

Women in Higher Education

"Current Research on the History of Women in Higher Education" will be the topic of a panel presentation at the next Cornell Education Society seminar.

It will be held from 12:15-1:15 p.m. Tuesday, April 4, in room 307 Stone Hall.

All members of the Cornell community are welcome.

Council Seeks Nominations

The Cornell Campus Council is soliciting suggestions for nominees to fill one of the three outside trustee positions on the Board of Trustees which becomes vacant this year.

Nominees should be persons who are not presently associated with the University as students, faculty or employees. The position is a five-year term commencing July 1, 1978. Nominations, accompanied by as much biographical data as possible, should be delivered or mailed to the Campus Council Office, 133 Day Hall, by March 31.

Reggae Evening Planned

In an effort to draw the University and Ithaca communities closer together, the Cornell Black Student Coalition is cosponsoring a "Reggae Evening" with the Southside Community Center at 10 p.m., Friday, March 31, at the center, 305 South Plain St. The GIAC van will provide transportation for students from the front door of Ujamaa to the center at 10 p.m. and 10:30 p.m. A donation of \$1.50 is being asked, which will be contributed to the center's activities.

Human Rights in Cuba Talk

Frank Calzon, director of the publication "Of Human Rights" in Washington, D.C., will lecture on human rights and political prisoners in Cuba at 8 p.m. today in Goldwin Smith 183. The lecture is sponsored by the Cuban Cultural and Historical Society.

Special Seminars

Agriculture and Life Sciences

AGRICULTURAL DEVELOPMENT ECONOMICS: "Fish Marketing Systems in Guatemala," Bill Lesser, 12 noon, Tuesday, April 4, Warren 401.

AGRICULTURAL ECONOMICS/INTERNATIONAL AGRICULTURE: "What Traditional Peasant Communities Can Teach Us," Nicholas Georgescu-Roegen, West Virginia University, 1 p.m., Friday, March 31, Warren 401.

AGRICULTURAL ECONOMICS/INTERNATIONAL AGRICULTURE: "The Entropy Law Viewed by an Economist," Nicholas Georgescu-Roegen, 7:30 p.m., Friday, March 31, Emerson 135.

AGRICULTURAL ENGINEERING AND ENVIRONMENTAL STUDIES: "Limiting Nutrients in Cayuga Lake, J.P. Barlow, 4:30 p.m., Monday, April 3, Riley Robb 105.

Arts and Sciences

CHEMISTRY: "Laser Chemistry: An Overview," Richard N. Zare, Stanford University, 4:40 p.m., Thursday, March 30, Baker Lab 119.

ORGANIC/INORGANIC CHEMISTRY: "An Approach to the Total Synthesis of Chlorotricolide," Robert E. Ireland, California Institute of Technology, 8:15 p.m., Monday, April 3, Baker Lab 119.

SOLID STATE PHYSICS AND CHEMICAL PHYSICS: "The Linear Magnetoresistance of Polycrystalline Copper," Sir Brian Pippard, University of Cambridge, 1:05 p.m., Tuesday, April 4, Clark 700.

Biological Sciences

BIOCHEMISTRY: "Sequence Analysis of the DNA of Human Papovavirus BK," Ray Wu, 12:20 p.m., Monday, April 3, Wing Hall Library.

MICROBIOLOGY: "Oceanic Bacteria," John McN. Sieburth, University of Rhode Island, 4:30 p.m., Thursday, March 30, Stocking 124.

PLANT PHYSIOLOGY: "Gene Expression in Higher Plants,"

R. Goldberg, University of California, Los Angeles, 11:15 a.m., Friday, March 31, Plant Science 404.

Centers and Programs

COMPUTER SERVICES: "Comments on Output from the SAS General Linear Model Statistical Computer Routine when Used on Unbalanced Data," S.R. Searle, 3:30 p.m., Thursday, April 6, Warren 345.

ENVIRONMENTAL RESEARCH: "Rationale and Organization of a National Atmospheric Deposition Program," Ellis Cowling, chairman, North Central Regional Project on Atmospheric Deposition, 12:15 p.m., Thursday, March 30, Emerson 135.

Engineering

CHEMICAL ENGINEERING: "Optical Fibers for Photo-Assisted Heterogeneous Catalysis: Photoelectrodes," Richard Marinangeli, University Claude Bernard, Lyon I, France, 4:30 p.m., Monday, April 3, Olin Hall A-145.

MATERIALS SCIENCE AND ENGINEERING: "Light Water Reactor Fuel Rod Performance," A. Roberts, 4:30 p.m., Thursday, March 30, Bard 140.

MECHANICAL AND AEROSPACE ENGINEERING: "Automobile Handling," Roy Rice, CALSPAN, 4:30 p.m., Tuesday, April 4, Grumman 282.

PLASMA STUDIES: "The Physics of Pinching and Reflexing in High Voltage Diodes," Shyke Goldstein, Science Applications Inc., 4:30 p.m., Wednesday, April 5, Grumman 282.

THEORETICAL AND APPLIED MECHANICS: "Mechanics Problems in Automotive Composite Materials," J. William Justussin, General Motors Research Laboratory, 4:30 p.m., Wednesday, April 5, Thurston 205.

Veterinary Medicine

MICROBIOLOGY: "The Use of Temperature Sensitive Mutants of Influenza A Virus as a Live Vaccine," Dr. Brian R. Murphy, Laboratory of Infectious Diseases, NIAID, NIH, 4:30 p.m., Wednesday, April 5, Vet Research Tower G-3.

Calendar

Continued from Page 12

Suspicion and Distrust in 'Women's Films' of the 1940's," Andrea Walsh, Human Development and Family Studies. I&LR Conference Center 105.

12:20 p.m. "Personal Liberation and Systemic Change," a bag lunch study seminar sponsored by CRESP, Anabel Taylor Forum.

1 p.m. SALAT-AL-JUMA (Friday prayer for Muslims). Anabel Taylor Edwards Room.

3-7 p.m. Happy Hour. North Campus Thirsty Bear Tavern.

4-6 p.m. Happy Hour. Noyes Center Pub.

4 p.m. University Lecture: "Literary Evolution and Evaluation, Proposals and Problems of Czech Structuralism," Jurij Striedter, Slavic Languages and Literatures, Harvard University. Co-sponsored by Committee on Soviet Studies. A.D. White House Guerlac Room.

4:30 p.m. Biochemistry Seminar: "The Heat Shock System: A Model for Understanding Transcriptional and Translation Control in Drosophila," Mary Lou Pardue, Biology, Massachusetts Institute of Technology. Stocking Hall 204.

5:15 p.m. Catholic Mass. All welcome. Anabel Taylor G-19.

6 p.m. Shabbat Services (Conservative). The liturgy will be sung to music by Salomo Rossi, Italian Baroque Jewish composer. Anabel Taylor Founders Room.

6:30 p.m. Shabbat Services (Orthodox). Young Israel.

7, 9 & 11 p.m. *Cornell Cinema presents "Annie Hall." Statler Auditorium.

7 p.m. *Hillel Shabbat Dinner. Reservations should be made by April 6 at Hillel Office, Anabel Taylor G-34. Anabel Taylor One World Room.

7 p.m. Dungeons and Dragons meeting. Uris G-94.

7:30 p.m. Cornell Christian Fellowship meeting. Anabel Taylor Founders Room.

7:30 p.m. Pentangle II Free Film Series: "Le Plaisir" (Ophuls, 1952, France); short: "Take Off" (G. Nelson, 1973, U.S.). Uris Hall Auditorium.

8 p.m. Jewish Arts Festival at Cornell presents "David's Harp," a Yiddish musical done in translation as Reader's Theatre. Anabel Taylor One World Room.

8:15 p.m. Department of Music presents Brown University

Concert Chorus, William Ermey, conductor. Barnes Auditorium.

8:15 p.m. Cornell University Theatre presents "Telemachus Clay" by Lewis John Carlino. Lincoln Drummond Studio.

9:45 p.m. *Cornell Cinema presents "Midnight Cowboy." Uris Hall Auditorium.

Saturday, April 8

9:30 a.m. Shabbat Services (Orthodox). Anabel Taylor Edwards Room.

10 a.m. Shabbat Services (Conservative). Anabel Taylor Founders Room.

10:30 a.m. *Cornell Varsity B Lacrosse - Farmingdale. Schoellkopf.

1 p.m. *Cornell Varsity Baseball - Cortland (2). Hoy Field.

1 p.m. *Cornell Tennis - Binghamton. Cascadilla Courts.

2 p.m. *Cornell Varsity Lacrosse - Dartmouth. Schoellkopf.

4:30 p.m. Catholic confessions. Anabel Taylor G-24.

5:15 p.m. Catholic Mass. All welcome. Anabel Taylor Auditorium.

7 & 9:30 p.m. *Cornell Cinema presents "Midnight Cowboy." Uris Hall Auditorium.

7, 9 & 11 p.m. *Cornell Cinema presents "Annie Hall." Statler Auditorium.

7 p.m. Dungeons and Dragons meeting. Uris G-94.

8:15 p.m. *Cornell University Theatre presents "Telemachus Clay" by Lewis John Carlino. Lincoln Drummond Studio.

8:30 p.m. *Cornell Outing Club square dance with Roger Knox calling. Straight Memorial Room.

Sunday, April 9

9:30 & 11 a.m. Catholic Mass. All welcome. Coffee hour follows Mass. Anabel Taylor Auditorium.

9:30 a.m. Episcopal Church Worship Service. Sunday school and nursery provided. Anabel Taylor Chapel.

10 a.m. Ithaca Society of Friends (Quakers). Discussion and First Day School. Babysitting provided. Anabel Taylor Forum.

11 a.m. Ithaca Society of Friends (Quakers). Meeting for worship. Anabel Taylor Forum.

11 a.m. Sage Chapel Convocation: Floyd H. Flake, Pastor, Allen A.M.E. Church, Jamaica, NY.

11:15 a.m. Protestant Church at Cornell. Anabel Taylor Chapel.

1-5 p.m. "Celebration of Jewish Arts. Jewish Dance, music and visual arts. Performances and exhibits by local artists. Straight Memorial Room.

4 p.m. Department of Music presents Student Recital: Margaret Whiteside, violinist, and Sooi-Beng Tan, pianist. Sonatas of Beethoven, Brahms, Ives. Barnes Auditorium.

6:30 p.m. Intermediate Hebrew Conversation. Anabel Taylor 314.

7:30 p.m. Ecology House Lecture Series: "Environmental Values," Richard Baer. Ecology House located off Triphammer Road.

8 p.m. International Folk Dancing. Intermediate level. Straight North Room.

8 p.m. *Cornell Cinema presents "Laura." Uris Hall Auditorium.

8:15 p.m. *Cornell University Theatre presents "Telemachus Clay" by Lewis John Carlino. Lincoln Drummond Studio.

Exhibits

Olin Library, History of Science Collections: "Marcello Malpighi, 10 March 1628-29 November 1694: the 350th anniversary of his birth," through March.

Olin Library: "Delights to the Eyes—Shells and Books," through April 27.

Uris Library: "Elegant Ancestors," an exhibit of 19th century clothing and accessories from the Cornell Costume Collection, through April 29.

Willard Straight Art Room: Jewish ritual objects, prints, photographs, weavings, paintings and antique pieces of Jewish ceremonial art. April 3 through 7.

Herbert F. Johnson Museum: "Indian Drawings from the Paul Walter Collection," through April 16; "Sara Roby Foundation Collection: Selections," through June 4; "Art Insights: Making senses," through April 15; "Abstract Expressionism: The Formative Years," through May 14.

Announcements

Free guided public tours every Saturday at 2 p.m. and Sunday at 2:30 p.m. Tours last approximately 45-60 minutes. Johnson Museum.

Calendar

March 30—April 9

All items for the Chronicle Calendar must be submitted by mail or in person to Fran Apgar, Office of Central Reservations, 32 Willard Straight Hall, at least 10 (ten) days prior to publication of the Chronicle.

* Admission charged

Attendance at all events is limited to the approved seating capacity of the hall.

Thursday, March 30

12 noon. International Legal Studies Luncheon: "Congressional Legislation to Curb American Bribery Payments Abroad," O. Thomas Graham. Hughes Private Dining Room.

12 noon. Bible Study. Episcopal Church at Cornell. Everyone welcome. Anabel Taylor G-3.

12 noon. Women's Studies Colloquia: "A Model for Reducing Sex Stereotyping and Bias in Secondary Vocational Education," Charlotte Farris, Community Service Education. I&LR Conference Center 320.

12:15 p.m. Department of Floriculture and Ornamental Horticulture Seminar: "Research Findings on the Use of Chemical Defoliants in Ornamental Nurseries in Poland" and "The Floricultural Research in Poland," Szczepan Marczyński, Warsaw Agricultural University, Poland. Plant Science 37.

3:30 p.m. Society for the Humanities Colloquium: "What was Early Colonialism in Africa? Questions and Answers From Central Kenya," Kennell A. Jackson, History, Stanford, Fellow, Society for the Humanities. Andrew D. White House 201.

4 p.m. *Cornell Varsity B Lacrosse - Suffolk Community College. Schoellkopf.

4 p.m. Open Prose and Poetry reading. All welcome. Goldwin Smith Temple of Zeus.

4 p.m. Natural Resources Seminar: "Foraging and Movement Patterns of Roosting Redwing Blackbirds, Ron J. Johnson, Graduate Student. Fernow 304.

4:30 p.m. Astronomy and Space Sciences Colloquium: "The Intergalactic Medium in Near-by Groups of Galaxies," K.Y. Lo, University of California, Berkeley. Space Sciences 105.

4:30 p.m. Messenger Lecture Series: "Revival and Metamorphoses of the Gods in Nineteenth Century Art and Literature": 3. "The Awakening of the Centaur," Jean Seznec, The Marshal Foch Professor of French Literature, Emeritus, University of Oxford. Malott 251.

5 p.m. Beginning Hebrew Conversation. Anabel Taylor Edwards Room.

5:30 p.m. Explorations of the Siddur. Anabel Taylor 314.

6:30 p.m. Intermediate Hebrew Conversation. Anabel Taylor 314.

7 p.m. The Christian Science Organization welcomes students, staff and campus visitors to the weekly readings and testimonies meeting. Anabel Taylor Founders Room.

7 p.m. Zoo Animal Talk: "Exotic Radiology and Anesthesiology," Victor Rendano and Charles Short. Schurman D-215.

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

8 p.m. Cuban Student Society Lecture: "Human Rights and Political Prisoners in Cuba: Typology," Goldwin Smith 183.

8 p.m. Kaleidoscope II presents "All the King's Men." Discussion of the film will follow by David Danelski, Government. Sponsored by North Campus Program Board and Upper North Campus Residence Life. North Campus Multi-purpose Room.

8:15 p.m. Council for the Creative and Performing Arts presents Tsun-Yuen Lui. Traditional works and original compositions for the Chinese Ch'in and P'i-pa. Barnes Auditorium.

Friday, March 31

12:15 p.m. Eucharist, Episcopal Church at Cornell. Anabel Taylor Chapel.

12:15 p.m. Women's Studies Friday Seminar: "Witches, Saints and Lady Macbeth: Three Stereotypes of Women in Literature," Barbara Kauber, Vet College. I&LR Conference Center 105.

12:20 p.m. "Personal Liberation and Systemic Change," a bag lunch study seminar sponsored by CRESP. Anabel Taylor Forum.

1 p.m. Agricultural Economics Graduate Student Association and International Agriculture Department Lecture: "What Traditional Peasant Communities Can Teach Us," Nicholas Georgescu-Roegen. Warren 401.

1 p.m. SALAT-AL-JUMA (Friday prayer for Muslims). Anabel Taylor Edwards Room.

3:30 p.m. Geological Sciences Seminar: "The Case History of an Oil Field," Dick Donley, Cities Service Corp. Thurston 205.

4-6 p.m. Guest Bartender: Richard Moore, Hotel School. North Campus Thirsty Bear Tavern.

4-6 p.m. Happy Hour. Noyes Center Pub.

6 p.m. Shabbat Services (Conservative). Anabel Taylor Founders Room.

6 p.m. Shabbat Services (Reform). Anabel Taylor Chapel.

6:15 p.m. Shabbat Services (Orthodox). Young Israel.

7 p.m. Dungeons and Dragons meeting. Uris G-94.

7:30 p.m. Agricultural Economics Graduate Student Association and International Agriculture Department Lecture: "The Entropy Law Viewed by an Economist," Nicholas Georgescu-Roegen. Emerson 135.

7:30 p.m. Pentangle II Free Film Series presents an evening of animated films. Uris Hall Auditorium.

7:30 p.m. Cornell Christian Fellowship meeting for singing, prayer and fellowship. All welcome. Anabel Taylor Founders Room.

8 p.m. Cornell Folk Song Club Sing with Robin and Liada Williams. Balch 2 Lounge.

8 p.m. *Cornell Cinema presents "Doctor Zhivago." Statler Auditorium.

9:30 p.m. *Cornell Cinema presents "An American Friend." Uris Hall Auditorium.

10 p.m. Tammany Niteclub presents Dawn Fotopulos and Lon Hoyt, pianist and vocalist. Risley College.

12 midnight. Tammany Niteclub presents Triad, guitarist and vocalist. Risley College.

12 midnight. *Cornell Cinema presents "Rocky Horror Picture Show." Uris Hall Auditorium.

Saturday, April 1

9:30 a.m. Shabbat Services (Orthodox). Anabel Taylor Edwards Room.

10 a.m. Shabbat Services (Conservative). Anabel Taylor Founders Room.

11 a.m. *Cornell Varsity B Lacrosse - Nassau Community College. Schoellkopf.

1:30 p.m. *Cornell Varsity Baseball - Rochester. Hoy Field.

2 p.m. *Cornell Varsity Lacrosse - Massachusetts. Schoellkopf.

4:30 p.m. Catholic confessions. Anabel Taylor G-24.

5-7 p.m. Cornell Student Wives Club presents April Fools Family Fun with a magician and make your own sundaes. Bring finger food supper to share. North Campus Multi-purpose Room.

5:15 p.m. Catholic Mass. All welcome. Anabel Taylor Auditorium.

7 & 9:30 p.m. *Cornell Cinema presents "An American Friend." Uris Hall Auditorium.

7 p.m. Dungeons and Dragons meeting. Uris Hall G-94.

8 p.m. *Cornell Cinema presents "Doctor Zhivago." Statler Auditorium.

8 p.m. *Third Annual Cornell Follies presented by University Unions Program Board. Reserved seating. Bailey.

8:15 p.m. Department of Music presents 18th Century Music: Laura Carroll, viols and baroque cello; Carole Terry, harpsichord and fortepiano; Rebecca Harris, baroque flute. Works of Couperin, Bach, others. Barnes Auditorium.

12 midnight. *Cornell Cinema presents "The Rocky Horror Picture Show." Uris Hall Auditorium.

Sunday, April 2

9:30 & 11 a.m. Catholic Mass. All welcome. Coffee hour follows Mass. Anabel Taylor Auditorium.

9:30 a.m. Episcopal Church Worship Service. Sunday school and nursery provided. Anabel Taylor Chapel.

10 a.m. Ithaca Society of Friends (Quakers). Discussion and First Day School. Babysitting provided. Anabel Taylor Forum.

11 a.m. Ithaca Society of Friends (Quakers). Meeting for worship. Anabel Taylor Forum.

11 a.m. Sage Chapel Convocation: speaker to be announced.

11:15 a.m. Protestant Church at Cornell. Anabel Taylor Chapel.

4 p.m. Department of Music presents Cornell Symphonic Band, Samuel Pellman, conductor. Works of Sousa, Loewe, Holst, J. Strauss, Erickson, Stravinsky. Straight Memorial Room.

6:30 p.m. Intermediate Hebrew Conversation. Anabel Taylor 314.

8 p.m. International Folk Dancing, intermediate level. Straight North Room.

8 p.m. *Cornell Cinema presents "The Thin Man." Uris Hall Auditorium.

Monday, April 3

10 a.m.-3:45 p.m. American Red Cross Bloodmobile. Vet Research Tower Cafeteria.

12 noon. Catholic confessions. Anabel Taylor G-24.

12:15 p.m. Western Societies Program, Center for International Studies, Part I of the Series on Immigrant Workers in Contemporary Europe: "Commonwealth Immigrants and British Society," David McKay, Political Science, University of Essex and Visiting Fellow at CIS. Uris Hall 204.

12:15 p.m. Shulhan Ivri-Hebrew Table. Lunch with other Hebrew speakers. Rockefeller 159.

12:15 p.m. Catholic Mass. All welcome. Anabel Taylor G-19.

2:30 p.m. Society for the Humanities Colloquium: "Toward a Logic of Historical Constitution," Leon Goldstein, Philosophy, SUNY, Binghamton. Andrew D. White House 201.

3:30 p.m. Public Lecture: "What is Not What in Theory Construction," Louis Guttman, Scientific Director, The Israel Institute of Applied Social Research, and A.D. White Professor-at-Large. Warren 32.

3:30 p.m. Robert S. Stevens Lecture: "The Supreme Court as a Legislative Body," Geoffrey Hazard, Yale Law School. Sponsored by Cornell Law School. Myron Taylor Moot Court Room.

4 p.m. Jugatae Seminar: "Biology of Higher Diptera," Benjamin Focht, Biological Sciences, Kent State University. Caldwell 100.

4:30 p.m. Distinguished Lecture Series in Biocommunication: "Problems in Vision: Color Vision," Jerome Y. Lettvin, Massachusetts Institute of Technology. Veterinary College Auditorium.

4:30 p.m. Joint Physics and STS Colloquium: "The Ivory Tower under Siege," Sir Brian Pippard, Cavendish Professor, University of Cambridge. Clark 700.

4:30 p.m. Fundamentals of Jewish Thought. Anabel Taylor G-30.

5 p.m. Beginning Hebrew Conversation. Anabel Taylor Edwards Room.

7:30 p.m. Food Science 150 Lecture: "Cattle as Producers of Food - Moral or Immoral," R.A. Warner, Animal Science. Uris Hall Auditorium.

7:30 p.m. Yiddish Conversation. Anabel Taylor 314.

7:30 p.m. Fundamentals of Jewish Thought. Anabel Taylor G-30.

7:30 p.m. Yiddish Conversation. Anabel Taylor 314.

7:30 p.m. "America and World Community": "Genetic Disease and Genetic Engineering—Threat or Promise?" Adrian Srb, Genetic Development. Anabel Taylor One World Room.

7:45 p.m. Ornithology Seminar. Public welcome. Stuart Observatory, 159 Sapsucker Woods Road.

9 p.m. *Cornell Cinema presents "The 400 Blows." Uris Hall Auditorium.

Thursday, March 30, 1978

Tuesday, April 4

12 noon. Catholic confessions. Anabel Taylor G-24.

12:15 p.m. Catholic Mass. All welcome. Anabel Taylor G-19.

12:15 p.m. Cornell Women's Caucus. Ives 118.

3-5 p.m. Willard Straight Hall coffeehouse auditions. Straight International Lounge.

4 p.m. Distinguished Lecture Series in Biocommunication: "Problems in Vision: Peripheral Vision," Jerome Y. Lettvin, Massachusetts Institute of Technology. Veterinary College Auditorium.

4:30 p.m. Geological Sciences Seminar: "Tertiary Tectonic Evolution of Central America: The Evidence of Paleomagnetism," William D. McDonald, SUNY Binghamton. Thurston 205.

4:30 p.m. Messenger Lecture Series: "Revival and Metamorphoses of the Gods in Nineteenth Century Art and Literature": 4. "The Resurrection of Isis," Jean Seznec, The Marshal Foch Professor of French Literature, Emeritus, University of Oxford. Malott 251.

4:30 p.m. Civil and Environmental Engineering Seminar: "Finite Element Grid Optimization," Mark Shephard, Structural Engineering. Hollister 110.

4:45 p.m. Campus Council meeting. Clark 701.

4:45 p.m. Pre-registration advising for students interested in Marine Science. Plant Science 202.

5 p.m. Southeast Asia Free Film Series: "Hanunoo"; "The Dayak: People of Borneo"; "Mastri - A Balinese Woman." Morrill 106.

5:15 p.m. Episcopal Church at Cornell Evening Prayer. All welcome. Anabel Taylor Chapel.

7-9 p.m. Willard Straight coffeehouse auditions. Straight International Lounge.

7:30 p.m. Folk Dancing for Couples. Singles, beginners, all ages welcome. Martha Van Auditorium.

9 p.m. *Cornell Cinema presents "Shame." Uris Hall Auditorium.

Wednesday, April 5

9:30-11 a.m. Divison of Campus Life monthly meeting: "Interviewing in Personnel Selection," Frank Miller, Industrial and Labor Relations. Straight Elmhurst Room.

12 noon. Weightwatchers meeting. All welcome. Warren 201.

12 noon. Catholic confessions. Anabel Taylor G-24.

12:15 p.m. Catholic Mass. All welcome. Anabel Taylor G-19.

3:30 p.m. Society for the Humanities Colloquium: "Changing American Perceptions in Puritanism, 1915-1944," Elizabeth Grant, History, Cornell. A.D. White House 110.

4 p.m. *Cornell Varsity B Lacrosse - Canton. Schoellkopf.

4:30 p.m. Biological Sciences Seminar: "Regulation and Properties of Acetylcholine Receptors in Muscle," Z.N. Hall, Physiology, University of California. Clark 700.

4:30 p.m. Messenger Lecture Series: "Revival and Metamorphoses of the Gods in Nineteenth Century Art and Literature": 5. "Olympus Parodied and the Jewelled Gods," Jean Seznec, The Marshal Foch Professor of French Literature, Emeritus, University of Oxford. Malott 251.

7 p.m. Herbert F. Johnson Museum Film Series featuring films by Robert Breer. Johnson Museum.

7:30 p.m. International Folk Dancing. Instruction and requests. Straight Memorial Room.

7:30 p.m. "America and World Community": "Spirituality, Femininity and World Community," Alice Pempel, Women's Studies Program. Anabel Taylor One World Room.

8 p.m. Cornell Backgammon Club. Noyes Center 3rd floor lounge.

9 p.m. *Cornell Cinema presents "The Bicycle Thief." Uris Hall Auditorium.

Thursday, April 6

12 noon. Bible Study. Episcopal Church at Cornell. Everyone welcome. Anabel Taylor G-3.

12 noon. Women's Studies Colloquia: "Genre and Gender: New Trends in Feminist Literary Criticism," Nelly Furman, Romance Studies. Ives 216.

12 noon. Catholic confessions. Anabel Taylor G-24.

12:15 p.m. Catholic Mass. All welcome. Anabel Taylor G-19.

4 p.m. Open Prose and Poetry reading. All welcome. Goldwin Smith Temple of Zeus.

4:30 p.m. Graduate Student University Orientation Fall 1978. Organizational meeting for all interested Graduate Students. Sage Hall Living Room. For more information, call 256-4131.

4:30 p.m. Astronomy and Space Sciences Colloquium: "X-Ray Bursters and Interstellar Grains," Charles Alcock, Institute for Advanced Study, Princeton. Space Sciences 105.

4:30 p.m. Messenger Lecture Series: "Revival and Metamorphoses of the Gods in Nineteenth Century Art and Literature": 6. "The Cave at Ithaca," Jean Seznec, The Marshal Foch Professor of French Literature, Emeritus, University of Oxford. Malott 251.

5 p.m. Beginning Hebrew Conversation. Anabel Taylor Edwards Room.

5:30 p.m. Exploration of the Siddur. Anabel Taylor 314.

6:30 p.m. Intermediate Hebrew Conversation. Anabel Taylor 314.

7 p.m. The Christian Science Organization welcomes students, staff and campus visitors to the weekly readings and testimonies meeting. Anabel Taylor Founders Room.

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

8 p.m. B'nai B'rith Hillel Foundation presents an evening with American Jewish writers: Susan Fromberg Schaeffer, author of Anya; and Jim Kates, poet and contributor to Response Magazine. Goldwin Smith 221.

8 p.m. *Cornell Cinema and CUSLAR present "Burn." Uris Hall Auditorium.

8:15 p.m. *Cornell University Theatre presents "Telemachus Clay" by Lewis John Carlineo. Lincoln Drummond Studio.

Friday, April 7

12 noon. Catholic confessions. Anabel Taylor G-24.

12:15 p.m. Catholic Mass. All welcome. Anabel Taylor G-19.

12:15 p.m. Eucharist, Episcopal Church at Cornell. Anabel Taylor Chapel.

12:15 p.m. Women's Studies Friday Seminar: "Images of

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