

A Promise of Things to Come—The Arts Quad in April



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Gift Gives Geology Chance to Be 'Best'

An anonymous bequest of at least \$5 million has been made to the Department of Geological Sciences at Cornell University, President Frank Rhodes announced Tuesday. The full amount of the bequest will not be known until the estate is settled.

Jack E. Oliver, chairman of the

Department of Geological Sciences, said "the gift provides us with the opportunity and responsibility for bringing to Cornell the finest department of earth sciences in history. That's our goal and it is now within our grasp."

Edmund T. Cranch, dean of the College of Engineering, said, "This magnificent gift comes at a

most opportune time for it will enable geological sciences at Cornell to extend its recent tremendous strides and reach the goal of being at the forefront of this vital field. Daily it is being demonstrated that the geological sciences are of major importance to the economic development and future welfare of mankind.

Cornell will now be in a position to assert leadership in the earth sciences, a field containing exciting intellectual and technological challenge."

Rhodes said, "This extraordinary gift is as significant for the generosity and commitment it represents, as for the very large amount of money involved.

"It is particularly timely, for geology has itself undergone a revolution within the last 10 years. It is now developing around a unifying theory, and it is constantly becoming more important in matters of daily life ranging from natural resources and energy supplies to environmental conservation. This magnificent gift represents an added resource to this and future generations of Cornell geologists, to strengthen the science on this campus, and to apply the knowledge derived from it to the needs of society.

"The gift will also be of great importance to us as a contribution towards our Cornell Campaign of \$230 million. It moves us a step closer to our goal, and will provide new encouragement and new incentive to all Cornellians, as well as to other

prospective donors. It is a vote of confidence in the future of a great university. We are deeply grateful."

Cornell is well suited as a "home" for a great geology department, according to Oliver, for several reasons. "In addition to being an Ivy League school with the tradition and reputation to attract outstanding students, Cornell's diversity includes a special combination of academic and practical orientations that suits geology," he said.

Also, Oliver noted that Cornell has strength in various units that interact with geology: engineering, physics, chemistry, mathematics, biology and astronomy.

"Administratively, Cornell is skilled and experienced in dealing with the kind of strong research program we are developing," Oliver said. He pointed specifically to the National Astronomy and Ionosphere Center at Arecibo, Puerto Rico, the Wilson Synchrotron Laboratory, and the Materials Science Center here.

Oliver came to Cornell in 1971 when the Department of Geological Sciences was reorganized to

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Business Ethics on Agenda Of Community Symposium

Can American businessmen retain their ethical responsibility in the face of government regulations?

That's one of the questions to be posed during Cornell University's second Community Symposium on Saturday (Feb. 11).

"Ethics and the Changing World" is the topic for the day-long program designed to expose interested area residents to Cornell educators and their ideas. The symposium begins with a 9 a.m. general session in Bailey Hall featuring Cornell President Frank Rhodes, followed by an afternoon of panel discussions.

Robert B. McKersie, dean of the New York State School of Industrial and Labor Relations at Cornell, is chairman of the panel, "Ethics and the Market Place," at 3 p.m. in 120 Ives Hall.

"Traditionally, businessmen had to balance the economic 'must' with the ethical 'ought'," he said. "With today's overwhelming regulation of business by government, do businessmen have to worry only about compliance? Can they ignore that ethical 'ought'?"

One of the panelists who will look at ethics and the market place is James D. Stocker, a 1951 Cornell graduate and now vice president and group executive with Scott Paper Co.

Stocker will discuss how a major, multinational corporation like Scott deals in an overseas environment in order to avoid

conflict of the kind in which Lockheed Corp. has been involved.

With McKersie and Stocker on the "Ethics and the Market Place" panel are H. Justin Davidson, dean of the Graduate School of Business and Public Administration, and William

Whyte, professor of ILR.

Saturday's activities begin with Rhodes' talk on "Ethics and the University."

Commentaries will then be offered by three Cornell faculty members: Alfred E. Kahn, chairman of the Civil Aeronautics

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Acting Dean Named For Arts College

Alain Seznec, professor and chairman of the Department of Romance Studies at Cornell University, has been appointed acting dean of the College of Arts and Sciences, it was announced last week by University Provost David C. Knapp.

Members of the Arts College faculty were notified of Seznec's appointment, which is effective immediately, via memorandum from Knapp.

Harry Levin, dean of the Arts College, suffered a broken leg in Italy last month and is now in Tompkins County Hospital. He asked that an acting dean be appointed during the period of his hospitalization and recuperation, according to Knapp.

"Dean Levin has recommended that Professor Seznec be appointed to serve as acting dean and he has agreed to do so," Knapp said.

Seznec, a member of the Cornell faculty since 1958, was

associate dean of the Arts College from 1969 to 1973. During that period he also served as director of Cornell's six-year Ph.D. program and as adviser to the provost for the humanities and performing arts.

He has also been a member of the ad hoc faculty committee on the University budget, the task force on centers and programs, and the council on physical education and athletics.

A specialist in 17th century French literature, Seznec received the University's Clark Distinguished Teaching Award in 1967. His annotated edition of "La Princesse de Cleves," a 17th century work by Marie Madeleine Lafayette, was published in 1961.

Seznec was an instructor at Harvard University for five years before coming to Cornell. He was born in Paris and educated at the Sorbonne.

Figures Alone Don't Tell Research Story

Although President Carter's budget for fiscal 1979 calls for a six percent increase (in real, after inflation dollars) in funding for basic research, an increasing amount of federal funds will be spent on short-range projects that produce specific research products, according to W. Donald Cooke, Cornell University vice president for research.

Such product-oriented research does not fit well into academe—it is more appropriate to national laboratories and industry—and it is particularly detrimental to the training of graduate students who must be free to pursue those lines of

inquiry that seem most promising to them and cannot be expected to produce research results in a short schedule, Cooke said.

The government is also becoming concerned about whether the money it authorizes for research is used for the purpose intended. "There is a basic philosophical difference between professors and auditors," Cooke said. "A professor sees the money as funding a broad research program, but the auditor wants specific funds used for specific research products."

Because of this "basic misun-

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'Nature of Administration'

Program Planned for Staff

All Cornell University employees will have a chance to be introduced to the nature of administration at the University in a pilot program slated for April.

President Frank Rhodes, Provost David C. Knapp, virtually all vice presidents and other top administrators plan to participate in the four-session program being organized by the Provost's Advisory Committee on the Status of Women.

"I'm really excited about the program because it will help all employees get a better understanding of areas in which many people are interested," said William G. Herbster, senior vice president. "It's very important that employees be aware of how Cornell functions and this program will make it easier for them to learn. I'm delighted that the committee has taken the lead on this."

The exact dates of the program will be established on the basis of a survey being conducted of a sample of women employees at the University.

Questionnaires they received are due to be returned Feb. 10.

"The questionnaire was sent to women because they have expressed concern that often the scheduling of events such as this is done at times that are not best for them," according to Florence Berger, chairwoman of the advisory committee. "The sessions will be open to men and women, but we'd like to establish a schedule that is most workable for women."

Rhodes hopes to "kick off" the program, and will make an effort to see that he will be on campus when the first session is held.

The four sessions planned are: the academic environment; parameters of planning; the role of financial management in an academic institution, including components of fiscal control and the status of Cornell's finances; the budget process—how budgets are planned, set, organized and finally determined; viewpoints on effective administration, expressed through small group discussions.

"The purpose of the program is two-fold: to introduce employees to the functions and faces of 'Day Hall,' and vice versa, and to examine characteristics common to administrative work within the Cornell community," Berger said.

Smith

Roger E. Smith, associate editor of the Lafayette Papers housed in Olin Library, died Monday at Strong Memorial Hospital in Rochester after a long illness. He was 40.

Smith was a key contributor in the preparation of the book "Lafayette in the Age of the American Revolution," published last fall by the Cornell University Press. It was the first of six volumes to be published over the next few years on the papers of the Marquis de Lafayette. Smith also contributed to the preparation of these volumes.

Services are scheduled for 12:30 p.m. today in Anabel Taylor Hall.

Public to Pick CU's Brains

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Board while he is on leave as the Robert Julius Thorne Professor of Economics; L. Pearce Williams, the John Stambaugh Professor of History and Science, and Judith T. Younger, professor of law and deputy dean on Cornell's Law School.

A luncheon, priced at \$4, will be held in the North Campus Union. Tickets for the luncheon, which will be limited to 300 people, are on sale at Mayer's Smoke Shop.

Eight afternoon panels, being conducted four at a time to allow guests to attend more than one session, will be held in Uris Auditorium, 120 Ives, Statler Auditorium and 110 Ives at 1:15 and 3 p.m.

In addition to the "Ethics and the Market Place" panel, other 3 p.m. panels are:

"Ethics and University Re-

search," Statler Auditorium; Franklin A. Long, the Henry R. Luce Professor of Science and Society; Urie Bronfenbrenner, professor of human development and family studies; Joan R. Egner, professor of education and associate director of research of the New York State College of Agriculture and Life Sciences, and Dr. Eric Cassell, clinical professor of public health at the Cornell Medical College.

"Ethics and the Professions," Uris Auditorium; Younger; Walter R. Lynn, professor of environmental engineering; Milton Gould, an attorney with Shea, Gould, Climenko & Casey and Dr. Allyn B. Ley, director of Cornell Health Services.

"Ethics and the Environment," 110 Ives; Richard A. Baer Jr., associate professor of natural resources; E.F. Roberts, the Edwin H. Woodruff Professor of

Law, Paul R. Eberts, associate professor of rural sociology, and David Pimentel, professor of entomology.

The four panels slated at 1:15 p.m. are: "Ethics and Biology," "Ethics and Public Life," "Ethics and Student Life" and "Ethics and U.S. Foreign Policy."

Last year's Community Symposium on the character of the American nation attracted some 900 guests. Following the symposium, an editorial in the Ithaca Journal observed:

"The day long symposium which Cornell University presented on Saturday...was a stimulating and enjoyable experience for those who attended....Tompkins County residents are accustomed to enjoying the cultural and athletic events that Cornell presents or brings, but a free sample of the intellectual activity which is the University's principal purpose is a rarer treat."

Geology Bequest Received

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strengthen the University's efforts in various aspects of earth science.

Now allied with Cornell's College of Engineering and with the College of Arts and Sciences, the department has stressed plate tectonics research under Oliver's leadership. Plate tectonics involves the concept that major geological features of the earth result from the relative movements of a few very large, thin plates of crustal and near crustal materials.

"We now have a strong base on which to build further and we have specific goals in mind," Oliver said. "The continents are a major frontier of modern geology. We need to know how the continents were formed and how they got to be the way they are now. Such knowledge will help our future exploration."

"Interest in geology is growing daily," Oliver said. "Problems of energy, minerals and the environment all deeply involve geological questions."

Job Opportunities At Cornell University

The following are regular continuing full-time positions unless otherwise specified. For information about these positions, contact the Personnel Department, B-12 Ives Hall. Please do not inquire at individual departments until you have contacted Personnel. An Equal Opportunity Employer.

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

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(*) Indicates new this week

CLERICAL POSITIONS

Sr. Admin. Secy., A-17 (V.P., Facilities & Bus. Ops.)
Sr. Admin. Secy., A-17 (Personnel)
*Admin. Clerk, A-16 (Bldgs. & Grounds Care)
*Library Searcher II, A-15 (Univ. Libraries, Olin)
Admin. Secy., A-15 (University Development)
*Admin. Secy., A-15 (Health Services)
Admin. Secy., A-15 (CRSR)
Admin. Secy., A-15 (2) (Arch., Art, Planning)
*Principal Clerk, A-14 (Admissions Office, Grad School)
*Principal Clerk, A-14 (Cornell Dining)
Dept. Secy., A-13 (University Press)
Dept. Secy., A-13 (Africana Studies & Research Ctr.)
Dept. Secy., A-13 (University Development)
Dept. Secy., A-13 (Civil & Environ. Engineering)
Steno III, NP-9 (Physical Biology)
*Steno II, NP-6 (Floriculture & Orn. Horticulture)
*Steno II, NP-6 (NYSSILR)
Steno II, NP-6 (2) (Rural Sociology)
Steno II, NP-6 (Nutritional Sciences)
Steno I, NP-5 (Resident Instruction-CALS)
CRT Operator I, NP-4 (Animal Science)

SERVICE & MAINTENANCE

Univ. Service Officer, A-17 (Public Safety)
*Trades Shop Asst., A-16 (Maint. & Svc. Operations)
Multilith Machine Op., A-15 (Photo Services)
*Principal Clerk, A-14 (P.O. 2, Barnes)
Stockkeeper II, A-14 (Dining Services)
*Custodian, A-13 (2) (Bldgs. & Grounds Care)
*Custodian, A-13 (Residence Life)
**Sr. Clerk, A-12 (Box 2, Barnes)
Food Service Worker, A-11 (Dining Services)
Addressographer II, A-12 (Graphic Arts Services)
*Laundry Worker I, A-11 (P.E. & Athletics)
*Food Service Worker, A-11 (Dining Services)

TECHNICAL

Sr. Exp. Machinist, A-21 (Tech. Services, Facilities)
Synch. Oper. Tech., A-19 (LNS)
Sr. Research Aide, A-18 (CRSR)
Computer Operator I, A-17 (Computer Services)
Res. Tech. III, NP-12 (Food Science & Tech.)
Res. Tech. III, NP-12 (Div. of Nutritional Sciences)
*Technical Aide II, NP-11 (Div. of Nutritional Sciences)
Lab. Tech. II, NP-11 (Veterinary Microbiology)
Tech. Aide II, NP-11 (Div. of Nutritional Sciences)
*Tech. Aide I, NP-9 (2) (Diagnostic Lab)
*Res. Tech. I, NP-8 (Plant Pathology)
Lab. Tech. I, NP-8 (Veterinary Microbiology)
Lab. Tech. I, NP-8 (Div. of Nutritional Sciences)
Lab. Tech. I, NP-8 (Veterinary Pathology)
Tech. Aide Jr., NP-7 (Entomology - Geneva)
Systems Analyst III, CPO5 (Physical Biology)
*Broadcast Engineer II, CPO4 (ETV Center, Media Services)
Research Supp. Spec. II, CPO4 (Veterinary Pathology)
Research Supp. Spec. II, CPO4 (Food Science)
Research Supp. Spec. II, CPO4 (Agronomy)
Research Supp. Spec. II, CPO4 (Collective Tissue Research)
Research Supp. Spec. II, CPO4 (Food Science & Tech.)
Research Supp. Spec. II, CPO4 (Avian & Aq. Animal Med.)
Systems Programmer II, CPO4 (Entomology - Geneva)
*Asst. Mgr.-Radiation Safety, CPO3 (Life Safety Svcs. & Radiation Safety)
Research Supp. Spec. I, CPO3 (Nat'l Resources-New Paltz)
Research Supp. Spec. I, CPO3 (Chemistry)
Research Supp. Spec. I, CPO3 (NAIC, Industrial Res. Lab)
Applications Programmer I, CPO3 (Physical Biology)
Systems Programmer I, CPO3 (Computer Services)

ADMINISTRATIVE

Director, CPO9 (Computer Services)
Chief, Plant Ops., CPO7 (Bldgs. & Prop. - Geneva)
*Assoc. Admin. CPO6 (Div. of Nutritional Sciences)
Admin. Manager II, CPO5 (Johnson Museum)
Dining Manager II, CPO5 (Dining Services)
Accountant III, CPO5 (Residence Life)
SDS III, CPO5 (Basic Studies - Engineering)
Purchasing Agent II, CPO4 (Purchasing)
Exec. Staff Asst. II, CPO4 (Affirmative Action)
Housing Area Mgr. II, CPO4 (Residence Life)
Asst. Prod. Director (University Press)
Dining Services Spvr., CPO2 (2) (Dining Services)
Extension Support Aide, CPO2 (Agric. Economics)

PART-TIME & TEMPORARY

*Admin. Aide I, NP-11 (NYSSILR-NYC, temp. ft)
*Steno II, NP-6 (Comm. Svc. Education, temp. ft)
Steno II, NP-6 (Div. of Nutritional Sciences, perm. pt)
*CRT Operator I, NP-4 (Animal Science, perm. pt)
Records Clerk I, NP-4 (Vet. Microbiology, perm. pt)
*Admin. Aide I, A-18 (Classics, temp. ft)
Sr. Admin. Secy., A-17 (Dining Services, temp. ft)
Admin. Secy., A-15 (Arch., Art, Planning, perm. pt)
Dept. Secy., A-13 (2) (Johnson Museum, perm. pt)
*Library Asst. II, A-12 (Univ. Libraries, perm. pt)
Steno, A-11 (Learning Skills Ctr., COSEP, perm. pt)
Temp. Svc. Clerical (BPA, Psych. Coord. Comm., temp. pt)
*Temp. Svc. Labor (Neurobiology & Behavior, temp. pt)
Temp. Svc. Tech. (Mat'l Science & Engr. temp. pt)
Res. Tech. III, NP-12 (Nat'l Resources, Bridgeport, temp. ft)
Tech. Aide II, NP-11 (Ag. Engineering, temp. pt)
Res. Tech. II, NP-10 (Plant Pathology, perm. pt)
*Lab. Tech. I, NP-8 (Food Service, temp. ft)

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Funds Increase

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derstanding of the ground rules," Cooke sees university researchers being forced to keep more precise records of how they spend money and who is supported on their grants. Auditors view the switching of individuals from one grant to another with suspicion, he said. The increased accounting, he fears, may become a drain on the total research effort.

Cooke also sees a trend for the federal government to become more involved in the administration of universities. "We agree that universities have a responsibility to meet national needs, but we resent government mandating procedures to accomplish these ends. We are willing to be judged on results but don't like to be told how to obtain these results. Universities are very different from government, and what will work administratively in one situation will not necessarily work in the other," he said.

The government is tending to make a smaller number of larger research grants, a situation which has benefited Cornell and other large institutions. The hitch, Cooke said, is that the univer-

sities are expected to make substantial contributions to the support of such research, but few universities have funds from which such support can come. The amount of money the university is willing to contribute is now a factor in the award of some large contracts, he said.

Federal support for research at Cornell has been increasing slightly faster than inflation for the past several years, but indirect costs of doing research primarily increased energy costs have given researchers slightly less money in real dollars to work with, he said.

Cornell's faculty in the physical and biological sciences have been very aggressive in obtaining federal support, and Cornell now ranks near the top as a recipient of funds from the National Science Foundation, Cooke said.

Federal support for social science research at Cornell, however, is far below that of similar institutions, he said. He added that there has been a "significant increase in the number of proposals submitted by Cornell people in the social sciences—and that's a good sign that the trend may be reversed."

Street to Chair Affirmative Action Board

Advisory Head Appointed

Lloyd C. Street, an associate professor of community service education at the New York State College of Human Ecology at Cornell University, has been selected as chairman of the University's Affirmative Action Advisory Board.

Street replaces Charlotte K. Shea, assistant director in Cornell's Career Center. Shea resigned her position on the board because she is pursuing her doctorate and working on a half-time basis.

In assuming his position as chairman, Street outlined four priorities for the board.

—expanded meetings with University administrators;

—enlisting additional affirmative action support by developing strong relationships with persons in the University who are sympathetic to the program;

—seeking full, active membership from board members;

—serve affirmative action by functioning as a policy advisory committee concerned with major issues and in a monitoring role.

Street, a native of California, joined the Cornell faculty in 1973 after more than 10 years of association with the University of California at Berkeley.

Before coming to Cornell,

Street held several academic positions at Berkeley—lecturer in the School of Criminology, assistant professor and lecturer in the School of Social Welfare, acting director of the Institute of Race and Community Relations, a Lilly Fellow in the School of Social Work and research assistant to several faculty members. He also lectured at the Univer-

sity of Southern California and Whittier College, and worked with the Welfare Planning Council of Los Angeles.

Street has written numerous monographs and papers. He is currently writing a book on the social history of black towns.

Street earned his bachelor's, master's and Ph.D. degrees at Berkeley.

Students Telephone To Raise Funds

Some 200 Cornell University students will be on telephones asking for money during the next two weeks, but they won't be calling their parents; they'll be calling alumni.

The students will be joined by deans and administrators from eight schools and colleges in a phonathon organized by and for the Cornell Fund, the University's annual alumni giving program.

The phonathon started Monday. The phoners will continue through today then resume the Monday through Thursday routine next week.

Each night over the two-week

period, volunteers from two of the eight schools will meet on the seventh floor of Clark Hall, and from 5:30 to 9:30 p.m. call alumni from each of their schools. Each school has some 15 students taking part per night.

In 1977, when more than 2,000 alumni were called, the phonathon raised close to \$77,000, representing a 15 percent increase over the previous year in specific pledges.

The eight schools participating in the phonathon are the College of Arts and Sciences, the Graduate School of Business and Public Administration, the New York State College of Agriculture and Life Sciences, the Graduate School, the College of Engineering, the New York State College of Human Ecology, the School of Hotel Administration and the Law School.

The eight will again be competing for the "Golden Phone Award," according to Diane Baker of the Cornell Fund office. The award, a Louis XIV style phone donated by Western Electric and the New York Telephone Company, was won last year by the Hotel School for getting the largest percentage increase over the previous year in specific pledge amounts.

On Feb. 20, members of Cornell's senior class will call other members of the Class of 1978 to raise money for the class gift to the University. Last year the phonathon raised \$1,700.

Feb. 10, in G-14 Uris Hall.

Cornell is in the process of becoming an associate member of EDUNET, and University computer users soon will be able to use EDUNET to reach the specialized facilities of university computing centers throughout the country. Facilities at Cornell that are not readily available elsewhere also will be available to computer users at other member institutions.

Little's talk will describe the facilities currently available, how to access them and how the EDUNET central office can assist the computer user.

New Unit to Offer Proten Analysis

Cornell University researchers with interests in the area of amino acid analysis and protein-peptide sequence determination will soon have convenient access to an advanced central facility capable of rapid sample analyses at a fraction of current costs.

The central facility, which will be housed in the Department of Physical Biology at the College of Veterinary Medicine, has been established by the College of Veterinary Medicine, the College of Agriculture and Life Sciences and the Division of Biological Sciences as a service facility for the Cornell community.

Expected to be in limited operation by March and in full operation by May, the facility includes a fully automated amino acid analyzer and a protein-peptide sequencer.

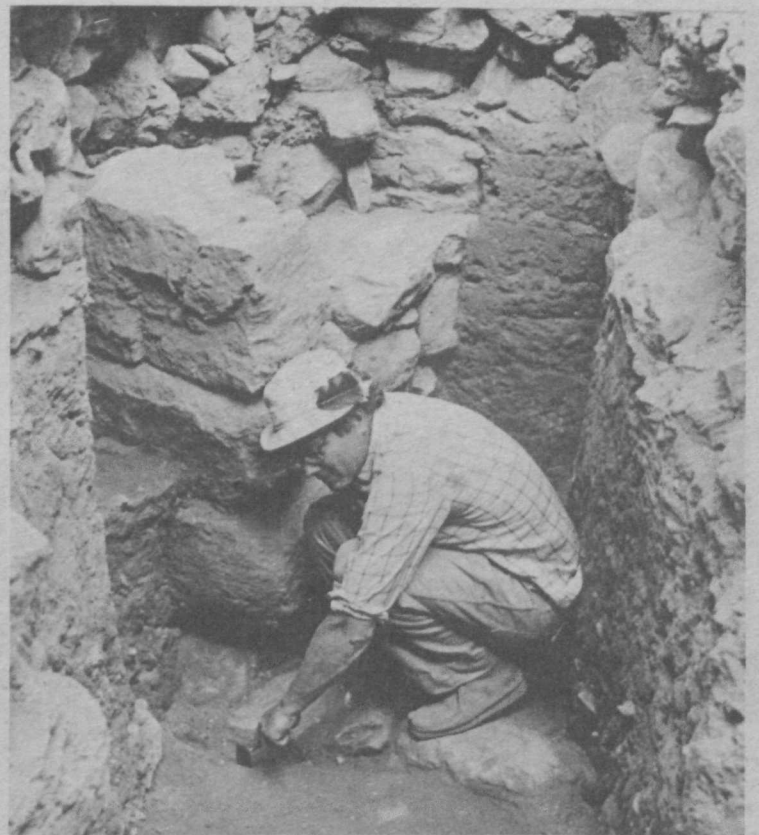
The analyzer, which can be used for both research purposes and routine analyses, identifies the kinds of amino acids found in a given substance and indicates the amount of each. It is faster and approximately 50 times more sensitive than any instru-

ment of its kind currently on campus.

The protein-peptide sequencer, primarily a research tool, determines how the amino acids are arranged in a particular protein or peptide. The Cornell instrument will be the only one of its kind in the area.

Other instrumentation and facilities necessary for complete amino acid analysis and sample preparation will also be available to the Cornell research community through the central facility.

Policies for use of the facility are being set by a University-wide committee, consisting of Gerald Fink, professor of genetics; Curtis Fullmer, research associate in veterinary physical biology; John Kinsella, professor of food sciences; Ronald Minor, associate professor of pathology; Robert H. Wasserman, professor of physical biology, and David Wilson, associate professor of biochemistry. Anyone interested in or anticipating the use of the new facility should contact Curtis Fullmer (256-7626) or one of the other committee members.



Andrew Ramage, assistant professor of the history of art at Cornell, examines what may be part of the earliest fortification system of the ancient city of Sardis. Ramage is at the corner of what may be a gate to the city. The new discovery was made last summer, and the wall may date from the 8th or 9th century, B.C. The area in which Ramage is shown is under a huge, mud-brick wall that may have been 60 feet thick and 40 feet high; some 20 feet of the wall's height is now exposed. "The discovery promises to produce a new interpretation of the history of Asia Minor of the Early Iron Age," Ramage said.

Sardis Excavation Project Reorganized

An administrative reorganization of Cornell's participation in the joint "Harvard-Cornell Expedition for the Archaeological Exploration of Sardis" has been announced by W. Donald Cooke, vice president for research at Cornell University.

The urban survey project of the Sardis expedition will now be administered, through Cornell's Program in Urban and Regional Studies, Cooke said. This project is designed to investigate the changing shapes of the areas occupied by the city in the different phases of its existence (from Lydian, 8th century B.C. to Byzantine, 10th century A.D.) by surface sampling and interdisciplinary studies by geologists and other scientists.

Sardis, once a major city in western Turkey and the capital of the Lydian Empire at one time ruled by the legendary King Croesus, is a site where many significant archaeological contributions to the knowledge of the arts and cultures of antiquity have been made.

Before World War I, Howard Crosby Butler of Princeton University conducted extensive excavations at Sardis. In 1958, the Harvard-Cornell exploration began, with George M.A. Hanfmann of Harvard as field director, and A. Henry Detweiler, associate dean of Cornell's College of Architecture, Art and Planning as associate director. Since Detweiler's death in 1970, Stephen W. Jacobs, professor of architecture, has served as Cornell's representative and associate director of the expedition.

Phase II of the expedition will begin in 1978. Andrew Ramage, associate professor of the history of art, has been appointed Cornell's representative, replacing Jacobs, who will remain as editor of the reports for Phase I and senior adviser. Crawford H.

Greenwalt Jr., of the University of California at Berkeley is the director; David Mitten of Harvard is also an associate director.

The expedition is funded from a variety of public and foundation sources, as well as through individual contributions. A special Cornell fund has been established to serve those who participate through tax deductible contributions and receive informal letters about field activities from the director.

It is anticipated that Phase II of the project will add greatly to knowledge of the famous but mysterious Lydians, whose language linguists are just beginning to decipher.

Over the years, key areas of the city have been investigated, including the Acropolis with its Byzantine fort, the market area, and the cliff by the Pactolus River where remains of Lydian houses and industrial installations were found.

Ruins of all sorts, including Bronze Age settlements, city walls, baths, basilicas, churches and tombs were excavated, documented, and consolidated. A huge Roman civic center, with a colonnaded shopping street, a giant hall converted to a synagogue, and a massive gymnasium was cleared, and its ceremonial "marble court" of rich and varied colonnades backed by marble-sheathed walls was reconstructed.

Only a portion of Sardis has been excavated, and it will be many years before its hidden wonders are all revealed.

Two decades of effort in the field and laboratories by Hanfmann and his cohorts are recorded in annual reports of the excavations at Sardis, published in the "Bulletin of the American Schools of Oriental Research," and summed up in a series of publications, including Hanfmann's "Letters from Sardis" of 1972, and "A Survey of Sardis and the Major Monuments Outside the City Walls" of 1975.

CU Joins National Computing Network

Betsy Little, manager of Educational Network (EDUNET), a national computing network that permits faculty and students at participating universities to share programs and data directly, will discuss the EDUNET program at 3:30 p.m. Friday.

Fitness Program To Begin

The Cornell Adult Fitness Program will begin at 8 a.m. Monday, Feb. 13 in Barton Hall.

The co-ed program, under the direction of Edwin Burke and Cornell's Department of Physical Education, will be conducted every Monday, Wednesday and Friday from 8 to 8:30 a.m. in Barton.

It is open to all members of the Cornell faculty, staff and student body. Physical education credit will be given to students.

The program will consist of scientific testing at the beginning and end of the semester, individually prescribed exercise programs, and instruction in the science of exercise.

For further information, call Burke at 274-3409.



CORNELL
CHRONICLE

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Students have "hands on" experience at the Shoals Marine Laboratory on Appledore Island.

Summer at the Shoals; Earn Marine Credits

The anatomy of the gull, an overview of marine algae, underwater research and introductory marine science are among the educational offerings available this summer at the Shoals Marine Laboratory on Appledore Island in the Gulf of Maine.

Operated by Cornell University and the University of New Hampshire, the laboratory's programs are taught by faculty members from the participating institutions and also by fishing captains, lobstermen, lawyers, marine planners, and research and development personnel from public and private agencies and industry.

The laboratory makes use of the rich natural environment on Appledore Island, the largest of the Isles of Shoals and a national historic site. The island's heron rookery has been designated a critical natural area by the State of Maine, and the waters surrounding the island have been nominated as a federal marine sanctuary.

Courses carrying college-level credit offered this summer include:

—"Anatomy of the Gull," offered from June 29 to July 5. The functional anatomy of all organ systems, with emphasis on sensory, nervous, digestive and respiratory systems, is covered in this one-credit course. The prerequisite is a course in general biology.

—"Field Phycology," offered from June 29 to July 19, is a four-credit course on the major marine algal groups including aspects of anatomy, morphology, development, life histories, physiology and utilization. The course combines laboratory and field work. Introduction to Marine Science or general familiarity with marine algae is a prerequisite.

—"Introduction to Marine Science," a five-credit course is offered from June 1 to June 28 and from July 25 to August 21. It is designed for the student who desires an overview of the marine sciences and focuses on the biology of intertidal plants and animals, biological oceanography, ichthyology and fisheries. Attention also is given to introductory physical and chemical oceanography, marine geology, marine ecology and the effects of

human activity on the marine environment. The prerequisite is a full year of college-level biology or other supporting subject.

—"Introductory Marine Science For Teachers," a one-credit course designed primarily for teachers in grades 6 through 12, is offered from June 29 to July 5, July 6 to 12, and July 13 to 19. Designed to give an overview of living marine organisms and the environment in which they live, it also covers such topics as coastal zone management, marine fisheries, economics of marine organisms and the educational resources of the marine biologist.

—"Research in Biology" offers independent study under the direction of a laboratory faculty member and is open only to students who have completed Introduction to Marine Science or have equivalent background. It offers practice in planning, conducting and reporting independent laboratory research problems and can carry from one to three credits.

Marine Biology Program Planned

The Marine Biology Office at Cornell is sponsoring a series of free films and educational programs this spring for students and others interested in marine biology. All programs are scheduled for 4:45 p.m. in room 233 Plant Science Building unless otherwise noted.

—Feb. 14. "The Shoals Marine Laboratory — Summer Programs for 1978." John M. Kingsbury, director of SML, will present a slide talk on the laboratory and discuss the academic programs being offered for undergraduates, teachers and adults.

—Feb. 28. "Captain James Cook," a 52-minute color film produced by BBC-TV and Time-Life Films.

—March 14. "The Poisoned Sea," a 27-minute color film about the effect of sewage pollution on coastal waters and the ways to repair the damage, followed by "Fire Under the Sea: The Origin of Pillow Lava," a 20-

—"Underwater Research," offered to competent divers only, will cover the special problems of underwater research including random sampling, use of dive tables, underwater instrumentation, special diving equipment, photographic techniques, integration with boat and shore facilities and emergency procedures. The course carries one credit and will be offered July 6 to 12.

The Shoals Marine Laboratory also offers non-credit short courses on marine topics for alumni of the two universities and the general public; credit courses presented by Union and Wabash Colleges at the SML facilities and a 12-week Sea Semester for 16 credits offered cooperatively with the Sea Education Association through their facilities at Woods Hole, Mass. and aboard the 100-foot schooner Westward.

For more information on any of the programs, contact the Shoals Marine Laboratory, 202 Plant Science Building, Cornell University, Ithaca, N.Y. 14853.

minute color film that documents the first observations of red-hot lava flowing under water.

—April 4. "Pre-registration Advising for Students Interested in Marine Sciences." Students and faculty in marine-related fields will discuss courses for the fall semester as well as graduate school and career plans. The session will be held in the Marine Biology Office, 202 Plant Science Building.

—April 11. "Saga of the Sea Otter," a 26-minute film that traces the relationship of the sea otter to the economy and outlines its place in its ecosystem, followed by "The Great Sea Farm," a 25-minute film that examines the operations of mariculturists.

The Marine Biology Office also maintains a small browsing library of books on marine topics, literature on graduate schools, summer programs, job opportunities and awards.

Historian to Give Lecture, Seminar

Historian John P. Diggins of the University of California at Irvine will make two appearances at Cornell University on Feb. 9 and 10.

On Feb. 9, he will give a free, public lecture on "The Forbidden Idea: Authority in American Intellectual History" at 4 p.m. in 110 Ives Hall.

On Feb. 10, he will lead a seminar on "Thorstein Veblen's Place in the History of American Thought" at 2 p.m. in the Andrew D. White House.

Both of Diggins' appearances are sponsored by the Department of History and the Society for the Humanities at Cornell.

Diggins, a visiting professor of history this year at Princeton University, is the author of numerous books and articles. His book "Mussolini and Fascism: The View from America" won the John H. Dunning Prize of the American Historical Society in 1972 and was nominated for the National Book Award in history.

He is also the author of "The American Left in the Twentieth Century" and "Up from Communism: Conservative Odysseys in American Intellectual History."

In 1966 Diggins received the essay award of the American Studies Association.

Ecology House Plans Talks on Environment

The spring lecture series sponsored by Ecology House will begin with a talk on "Pesticides and the Environment" by E.M. Raffensperger, professor of entomology, at 7:30 p.m. Sunday, Feb. 12, in the downstairs lounge of Ecology House. Ecology House is located off Triphammer Road, across from Jessup Field on North Campus.

The Sunday evening lectures at Ecology House focus on topics of environmental concern and provide an opportunity for students and others to interact with professors in an informal atmosphere.

Other lectures in the series are:

—"Future Roles for Chemistry in the Biological Environment" by Bruce Ganem, assistant professor of chemistry, on Feb. 26;

—"Environmental Values" by Richard Baer, associate profes-

sor of natural resources, on April 9;

—"Oil Spills and the Atlantic Seacoast" by William Travers, assistant professor of geological sciences, on April 30.

Peregrine Falcon Is Topic

Tom J. Cade, professor of ecology and systematics at Cornell University and originator of a major effort to reestablish the peregrine falcon in the United States, will deliver a free, public lecture at 7:45 p.m. Monday, Feb. 13, at the Laboratory of Ornithology, 159 Sapsucker Woods Road. His topic is "Recent Developments in Peregrine Falcon Research."

Job Opportunities

Continued from Page 2

Jr. Lab. Tech., NP-6 (Biochem., Molec. & Cell Bio., perm. pt)
* Pharmacist, CPO5 (Health Services, temp. pt)
Res. Supp. Spec. III, CPO5 (Elec. Engineering, pt)
Syst. Programmer III, CPO5 (Computer Services, temp.)
Syst. Programmer II, CPO4 (Computer Services, temp.)
Res. Supp. Spec. I, CPO3 (Agronomy, temp. ft)
Res. Supp. Spec., CPO2 (Animal Science, temp. ft)
Res. Supp. Aide, CPO2 (Ctr. Int'l Studies, perm. pt)
Ext. Support Aide, CPO2 (Comm. Svc. Education, temp. pt)
Temp. Svc. Prof. (Grader) (Communication Arts, temp. pt)
Temp. Svc. Prof. (Conference Office, temp.)
Regional Director, CPO4 (Univ. Dev. - Cleveland, pt)
Appl. Programmer I, CPO3 (Computer Services, temp. pt)
Sys. Programmer I, CPO3 (Computer Services, temp.)
Appl. Programmer I, CPO3 (Computer Services, temp. pt)
* Data Analyst I, CPO2 (NYSSILR, temp. ft)

ACADEMIC & FACULTY POSITIONS (Contact Department Chairperson)

* Research Associate (Biochem., Molecular & Cell Biology)
* Research Associate, CPO4 (Environmental Engineering)
* Lecturer, Asst. Prof., Assoc. Prof. (1 position) - Social Planning & Social Theory (City & Regional Planning)
* Asst. Prof. (Division of Nutritional Sciences)
* Asst./Assoc. Prof. - Animal Physiology (Div. Biological Sciences)
* Sr. Extension Assoc. (Natural Resources)
* Asst. Prof. - Plant Pathology (Dept. Plant Pathology)
* Plant Pathologist, Ext. Assoc. III (Dept. Plant Path.)
* Research Assoc. I, CPO3 (Lab Nuclear Studies)
* Asst. Professor (Structural Engineering)
Lecturer (Biochem., Molec., & Cell Biology)
Asst. Prof. - Housing (Consumer Econ. & Housing)
Lecturer (Education)
Research Assoc. I, CPO3 (Mech. & Aero. Engineering)
Director, Univ. Libraries (Provost)
Surgical Pathologist (Dept. of Vet Pathology)
Vet. Clinical Pathologist (Dept. of Clinical Sciences)
Faculty Position - Sect. of Medicine, Large Animal Internal (Dept. of Clinical Sciences)
Summer Instructor (History of Art)
Asst. Prof. - Microbiology (Microbiology)
Lecturer (Div. of Nutritional Sciences)

COOPERATIVE EXTENSION (Contact Personnel Recruitment Section, 212 Roberts Hall)

* Extension Agent-4-H, Home Ec. (Voorheesville, NY)
* Extension Agent-Home Ec. (Canton, NY)
* Extension Agent-4-H (Middletown, NY)
Extension Assoc. - Sea Grant, Planning (New York, NY)

Women's Studies Program Sponsors Series

Friday Seminars Slated

The Women's Studies Program at Cornell University is sponsoring a series of free, public seminars from 12:15 to 1:15 p.m. Fridays through April 28 in 105 Industrial and Labor Relations Conference Center.

Tapes of each seminar will be available in the Uris Library Listening Room. Child care is available at the Drop In Center, 318 N. Albany St., weekdays until 1:30 p.m. The telephone number for the Drop In Center is 272-6259.

The list of seminars follows:

—Feb. 10. "Reflections on the Metamorphosis of Women and Black People" by William Cross Jr., assistant professor of Afro-American studies at Cornell;

—Feb. 17. "Japanese Feminists of the 1970s" by Brett deBary, assistant professor of Japanese literature at Cornell;

—Feb. 24. "Family Roles, Work Conditions and Political Participation of Women in Italy" by Ada Cavazzani, professor of urban and rural sociology at the University of Calabria, Italy, and visiting professor of rural sociology at Cornell;

—March 3. "Feminism and Scholarship" by Amy Kesselman, Ph.D. candidate in history at Cornell;

—March 10. "Women and Agriculture in China" by Patricia Lewis Sackrey, rural development specialist with Massachusetts Cooperative Extension;

—March 17. "The Politics of Female Labor in the Soviet Union" by Joel Moses, visiting associate professor of government at Cornell;

—March 31. "Witches, Saints and Lady Macbeth: Three Stereotypes of Women in Literature" by Barbara Kauber, financial aid coordinator at the College of

Veterinary Medicine, Cornell;

—April 7. "Images of Suspicion and Distrust in 'Women's Films' of the 1940s" by Andrea Walsh, lecturer in human development and family studies at Cornell;

—April 14. "The Acquisition of Sex Roles Among the Quechua of Peru" by Billie Jean Isbell, assistant professor of an-

thropology at Cornell;

—April 21. "Changes in the Status of Women" by Alice Cook, professor emerita of industrial and labor relations at Cornell;

—April 28. "How Much Is a Woman Worth? The American Public Policy" by Martha W. Griffiths, J.D. and former member of Congress from Michigan.

Cellist to Conduct National Symphony

Mstislav Rostropovich will conduct the National Symphony Orchestra in the second of the Bailey Hall spring concerts at 8:15 p.m. Thursday, Feb. 23.

The program includes Glinka's Overture to Ruslan and Ludmila, Dvorak's Symphony No. 7 and Tchaikovsky's Symphony No. 4. For ticket information, call the Lincoln Hall ticket office (256-5144) from 9 a.m. to 1 p.m.

Rostropovich was born in Baku, Azerbaijan, in 1927, the son of a cellist and a pianist. He began to compose and to play

the piano at the age of four. He was accepted at the Moscow Conservatory in two departments, cello and composition, and he studied under composer Dmitri Shostakovich, who became his lifelong friend and mentor.

He made his first appearance at the age of 13 in Slavyansk and performed outside the Soviet Union for the first time in 1947. Since that time he has appeared in recitals and with leading orchestras throughout the United States and the world.

He is the winner of several international competitions, festivals and awards and was named the People's Artist of the USSR, the nation's highest honor.

Rostropovich made his United States conducting debut with the National Symphony Orchestra in 1975. On Oct. 1, 1977, he became the fourth music director of the National Symphony. "The Magnificent Maestro" was the title of the Oct. 24 Time Magazine cover story to mark the event. Antal Dorati, director from 1970-77, serves as principal guest conductor.

The National Symphony, often referred to as the "Orchestra of the Presidents," has participated in every inauguration, except one, since its founding in 1930. Its permanent home is the John F. Kennedy Center for the Performing Arts in Washington, D.C.

The orchestra performs approximately 200 concerts a year, including the Encore, Pops and Chamber series; concerts for young people; summer concerts at Wolf Trap; free outdoor "Summer in the Parks" concerts sponsored by the National Park Service; annual three-concert series in Carnegie Hall and a number of special events.



Mstislav Rostropovich

Nun, Folk Singer To Speak at Sage

Sister Teresita Weind, S.N.D., folk singer and guitarist, will be the speaker at the Sage Chapel convocation at 11 a.m. Sunday, Feb. 12, at Cornell University. Her sermon topic will be: "I Will Go to See What the End Will Be!"

Weind is a leader in adult religious education and in the formation of worship committees and liturgy teams for black Catholic parishes. She serves the wider black Catholic community through a central location in the Archdiocese of Chicago.

Weind began her early education in the field of nursing. In 1963 she made public profession within the Congregation of Sisters of St. Mary of the Presentation and served the church through the apostolate of nursing.

In 1970 she began preparing for pastoral ministry within a black parish. She received a M.A. degree in theology from Mundelein College in Chicago in 1972. In 1973 she moved from parish work to her present service and transferred from Sisters of St. Mary of the Presentation to Sisters of Notre Dame.

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.



Freud Talk Opens Christian Forum

Merold Westphal, professor of philosophy at Hope College, will be the first speaker in the spring semester lecture series sponsored by the Cornell Graduate Christian Forum. The lectures are open to the public.

Westphal will speak on "Freud and Christian Faith" on Friday, Feb. 17 at 8 p.m. in Ives 215. He will discuss the nature of Freud's critique of faith as a wish-fulfilling projection and then show how, based on Freud's own biography and theories, the same kind of critique may be generated against his own atheism.

Arnold Fruchtenbaum, associate director of the Christian Jew Foundation, will speak on "Hebrew Christianity: The First Four Centuries" on Friday, March 10 at 8 p.m. in Ives 215.

Fruchtenbaum is also minister for the American Board of Missions to the Jews and managing editor of its publication. The lecture will present a historical survey of the relationship between Judaism and early Jewish Christianity during the Talmudic era.

Through his extensive study and travel in Europe, Israel and the United States, Fruchtenbaum has become familiar with the forms and the history of Hebrew Christianity and is now completing a doctorate in theology at Brandeis University.

He is the author of several books and pamphlets, including "Jesus was a Jew" and "Hebrew Christianity: It's Theology, History and Philosophy."



The gleaming surface of the Bosendorfer piano reflects Sonya Monosoff, violinist, and Malcolm Bilson, pianist, who will give a free recital this weekend.

Sonata Recital Set

Sonya Monosoff and Malcolm Bilson of the Cornell music faculty will play a sonata recital at 8:15 p.m. Saturday, Feb. 11 and at 4 p.m. Sunday, Feb. 12 in Barnes Hall auditorium. The concert is free and open to the public.

Monosoff will appear in the unusual role of violist with pian-

ist Bilson in a performance of Brahms' Sonata Opus 120, No.

2. Then, with Monosoff reverting to her more familiar status as violinist, the duo will play Bartok's Sonata No. 1, a work characteristic of the early 1920s, and conclude with Franck's romantic Violin Sonata.

Savoyards Schedule Spring Operetta

The Cornell Savoyards are presenting Gilbert and Sullivan's operetta "Iolanthe" as their spring production. There will be four performances the weekend of March 3-5 in the Statler Auditorium: three evening shows at 7:15 on Friday, Saturday, and Sunday and a matinee at 1:30 on Sunday.

The play is about peers and fairies and the dilemma of a young shepherd, half-mortal and half-fairy, who loves a ward of the Lord Chancellor.

Between now and Feb. 16, a presale of tickets for the two Sunday performances will be held through Ithaca's Community School of Music and Arts, with 50% of each ticket

purchased going to the Community School's scholarship fund.

The cost of tickets is \$2.50 for the matinee and \$3.50 for the evening performances. For reservations for the Sunday performances, send a check, along with a self-addressed stamped envelope, to: Community School of Music and Arts, Whiton House, Terrace Hill, Ithaca or call 272-1474.

To benefit the Community School, all payments must be received by Feb. 16. Blocks of tickets are available if reserved and paid for early.

For other ticket information, call the Cornell Savoyards at 257-7953.

Unions Offer Clinic To Quit Smoking

Sign Language, Auto Mechanics, Southeast Asian Cooking, and a quit-smoking clinic are among the short courses being offered this semester by the Experimental College. Complete listings for the non-credit courses are available at the student unions or from 35 Willard Straight Hall.

Registration for courses, which are open to students, staff

and members of the community, will be held from 11 a.m. to 3 p.m. and 5 to 7 p.m. Monday, Feb. 20, in the Memorial Room of Willard Straight Hall, and at the same times on Tuesday, Feb. 21, in the International Lounge of the Straight. A nominal fee is charged for the classes, most of which begin the week of Feb. 26.

For further information call Laurie Nash at 256-7131.

Summary Judicial Decisions

December, 1977 — January, 1978

No. of Persons	Violations	Summary Decisions
1	Illegal entry to a Co-op dining area	WR* \$50 fine/17 hrs. C.S.**
1	Possession of 2 parking permits belonging to someone else	WR; \$100 fine/33 hrs. C.S.
1	Damage to lawn at Guterman	WR; \$125 of which \$75 is suspended \$50/17 hrs. C.S. plus repair of damaged area
1	Attempted to defraud at Campus Store	WR; \$75 fine or 25 hrs. C.S.
1	Harassment	Verbal Warning
1	Abusing his reserve book privileges	WR
1	Theft of two items from Campus Store	WR; \$75/25 hrs. C.S.
2	Involvement in fight which led to property damage	WR; \$125 fine of which \$75 is suspended; \$50/17 hrs. C.S.
1	throwing a snowball at a moving vehicle	WR; \$125 fine of which \$50 is suspended; \$75/25 hrs. C.S.

WR* Written Reprimand
C.S.** Community Service

COSEP Summer School Scholarships Deadline

COSEP Upperclass Summer School Scholarship Award applications are available at the Learning Skills Center, 365 Olin Hall. The application deadline is March 10. Also, the LSC reminds students that the financial aid application is due March 1.

Water Reuse Research Support Is Announced

Research support for projects relating to water reuse to supplement and conserve existing water supply sources is available from the Office of Water Research and Technology, U.S. Department of the Interior.

Of particular interest are proposals for reuse of cooling water and wastewaters from municipal, industrial and agricultural sources for groundwater recharge, aquaculture, irrigation, domestic use and energy conservation. The deadline for proposals is March 15.

Funds also are available from OWRT for saline water conversion. No deadline has been set for proposals in this area.

For more information on either program, contact the Center for Environmental Research, 468 Hollister Hall, 256-7535.

NSF Science Education Program Announced

The National Science Foundation has announced that March 31 will be the deadline for receipt of proposals for the second year of its Research in Science Education (RISE) Program. Eligible projects may deal with the physical, biological and social sciences, mathematics, engineering, technology, and the history and philosophy of science. Projects may be addressed to any level of science education, from pre-college through graduate science studies. There are two categories of awards: Research Evaluation and Synthesis, which are intended to make the results of existing research related to science education more accessible to researchers and policymakers; and Research Activities, which will support a limited number of original research efforts.

Further information is available at the Office of Academic Funding, 123 Day Hall.

Ride on Magnetic Fields

Train Safety Study Funded

Cornell University researchers have received \$65,000 from the U.S. Department of Transportation to develop design tools and to study safety aspects of proposed passenger trains which will ride on magnetic fields rather than iron wheels.

Full-scale prototypes of the wheelless trains have been built and tested in West Germany and Japan, but not over long distances or at the high speeds they are expected to hit, speeds of 300 miles an hour or more. The trains literally fly suspended in mid-air, by a few centimeters, along specially shaped tracks. Instead of wheels the trains have super magnets which with the tracks create a force differential on which the trains ride. They can be propelled by various means, but most likely it will be with linear electron motors.

Using small-scale models the researchers at Cornell will observe the effects of high-speeds and vehicle motions on the magnetic fields and the stability of the train's flight. The work is

under the direction of Francis C. Moon, associate professor of theoretical and applied mechanical engineering.

The United States has not shown the interest in magnetic levitation of trains (MAGLEV) that West Germany and Japan have. These countries, Moon said, invest as much as \$15 million a year each in developing these kinds of trains. However, Moon said, the U.S. Department of Transportation is interested in basic engineering research on MAGLEV of the kind that can be done in laboratories in projects such as his own.

Some of the basic work that will be needed to perfect the trains, he says, can be done and is being done in the United States. He says he believes the public will be using such trains by the 1990s.

Moon and his associates will record the magnetic patterns and eddy currents which circulate in the aluminum "tracks" below the models of these trains.

The researchers are able to

simulate the high-speeds of the full-sized trains by turning a fly-wheel with a track attached to it while the model train hovers above the spinning tract.

They will use an infrared thermal scanner which will "see" the heat generated by the magnetic fields and the eddy currents in the "track."

These patterns are displayed in color on a television tube which provides a visual presentation of a phenomenon not observable to the naked eye. Photographs are made of the T.V. displays. The technique is called infrared thermography.

The portable instrumentation, believed to be the only such unit on campus, however, has been utilized by other scientists at Cornell to see "heat patterns."

For example the subtle changes in body temperatures in insects that eject sprays as a means of protection have been pictorially displayed. Infrared thermography has many unexplained uses, Moon said.



Home Designed for President Rhodes

One of the more whimsical designs in a project at the College of Art, Architecture and Planning is this scheme which uses copies of campus buildings to serve as a residential complex for President Frank Rhodes. In the student initiated project, students were asked to design a home for the new president. This grandiose scheme proposes servant quarters be built in the image of Rand Hall, at left; recreation be held in a building resembling Barton Hall; entertainment in a copy of the Johnson Art Museum and that living quarters would be in a building designed after the Andrew D. White House. The swimming pool is shaped after the Schoellkopf facilities. Nearly 200 students submitted their design ideas which were judged by a jury of faculty.

Personal Liberation Is Topic

A weekly study group-seminar on "Personal Liberation and Systemic Change" is being sponsored by the Centre for Religion, Ethics and Social Policy (CRESP). The group will meet on Fridays, starting this week, from 12:20 to 1:30 p.m. in The Forum of Anabel Taylor Hall at Cornell University.

Phillip Snyder, CRESP coordinator, said topics to be discussed at sessions will pertain to the notions of individual liberation and systemic change and whether the two can be integrated in one's own efforts to improve the world.

"CRESP recognizes that too often people find themselves divided between those whose

search for spiritual fulfillment has drawn them into social apathy, and those whose efforts at social transformation have left their own lives cheerless, frustrating and narrowed," Snyder explained.

The purpose of the seminar, he said, is to bring these two groups together and achieve a better balance between personal and social liberation. The seminar, which is an outgrowth of the CRESP Action for Change Seminar, is an experimental venture, and various formats will be tried.

The emphasis will be on dialogue rather than outside expertise, and the hope is that those who take part will attend regularly to help the group main-

tain continuity, Snyder said. For more information, call CRESP at 256-6486.

War on Waste

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

To make multiple copies of large items, use a reducing xerox to make a master, then copy in the normal fashion rather than copying sections full size and then using scotch tape.

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

Ecology House Reception

It's not too early to start thinking about housing for next fall, and Ecology House is planning an open house from noon to 5 p.m. Sunday, Feb. 12 to acquaint interested students with their community.

Ecology House is a residential program house located off Triphammer Road whose 100 members (from all schools and classes) share interests in ecology and the environment.

The Open House will give prospective residents an opportunity to mingle with the current residents and learn about house goals and lifestyles. Refreshments will be served. For more information call 256-5305.

Railroad Society Formed

The Cornell Railroad Historical Society will hold an organizational meeting at 7:30 p.m. Tuesday, Feb. 14, in 212 Kimball Hall for faculty, staff and students interested in any phase of railroad history or in model trains. Movies will be shown during the meeting.

The Railroad Historical Society was organized by Thomas Trencansky, administrative supervisor in the Department of Geological Sciences, and David Solomon, accountant for Sponsored Programs. The group plans to meet to discuss mutual interests and participate in planned programs.

Thursday, February 9, 1978

Inmate Counselors Offered Training

By MARY McGINNIS
Coordinator, CIVITAS

VOLENTUARY PROGRAM (OFFENDER AID AND RESTORATION): Training workshops for volunteers interested in serving as counselors/advocates for inmates of the local county jail and their families will begin Feb. 9 and continue through Feb. 18. Training is designed to familiarize volunteers with existing community resources, provide basic counseling skills and demonstrate the experience of incarceration. CIVITAS will set up initial interview for you. Time commitment involves 10 hours a month and monthly feedback sessions for a year, campus vacations excluded.

TWO BLOODMOBILES: Sponsored by Cornell-ROTC, to be held St. Valentine's Day, February 14th and Wednesday, February 15th, from 9:30 a.m. until 3:15 p.m. in Barton Hall. In addition to volunteers willing to donate blood, there is need for volunteer nurses, assistants, receptionists and counter workers to assist the donors. Training for workers will be provided.

IF YOU MISSED THE ORIENTATION MEETING FOR SCHOOL VOLUNTEERS: Tutors, helpers and friends are still needed for children in the Ithaca schools. Come in to the CIVITAS office, and we will help you find a placement. Right now help is urgently needed for children who do not know enough English to get along easily in school. Specifically, the following children need a friend to help them break through the language barrier. You don't need to be a language expert.

— **PORTUGUESE-speaking elementary school child** needs help between 9 a.m. and 3 p.m. Monday through Friday; Portuguese speaking junior high school student needs help between 12:30 p.m. and 5:30 p.m., same days.

— **GREEK-speaking junior high school student** needs help with English conversation between 12:30 and 5:30 p.m. Monday through Friday.

— **SPANISH-speaking children**, 1st and 2nd grade, anytime between 9 a.m. and 3 p.m. Monday through Friday.

OTHER CALLS FOR HELP

VOLUNTEER WITH EXPERTISE IN PHOTOGRAPHY needed to conduct four-week workshop in photography for 4th, 5th and 6th graders, some of whom are learning-disabled. Evenings or days at convenience of volunteer at downtown church. Transportation could be provided.

SHELTERED WORKSHOP FOR MENTALLY DISABLED seeks volunteer to assist with psychological testing program conducted in their evaluation unit. Three-hour period needed, 8:30-11:30 a.m. or 12 noon-3 p.m., any weekday.

ASSISTANT INSTRUCTOR FOR SEWING CLASS: Class meets in downtown Ithaca, Thursdays from 5-6:30 p.m. Participants are beginners, about 10 or 11 years old.

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.

'Beyond Birds, Bees'

Sex Lecture Series Set

A series of programs entitled "The Cornell Sex Series Beyond The Birds and the Bees" will begin Feb. 15 with a discussion on sex viewed in the context of the legal system.

The three-week lecture series is sponsored by the Cornell Sex Education Committee and the Office of the Dean of Students. The committee is a group of University counselors, administrators and students which seeks to provide information and encourage dialogue on issues of sexuality within the Cornell community.

Three programs are scheduled for Wednesdays at 7 p.m.

—Feb. 15, "Sex and the Law" a discussion by Irving Younger, Cornell University professor of law, in Kaufmann Auditorium. Younger will discuss the impact of our past and present laws on sexual activity and vice versa, including such topics as sexual privacy, marriage, cohabitation and obscenity. He will also address problems of sexism within our legal institutions.

—Feb. 22, "Historical and Cultural Aspects of Child Birth," lecture by Carmel Nayman, Child Birth Education Association; film on child birth and panel discussion by new parents from the Cornell community, in 110 Ives.

The parents will speak personally of their experiences focusing on the emotional impact of child-

birth and the alternative ways by which couples plan, prepare and give birth to their children.

—March 1, "Sex, Religion and Guilt," lecture by Father John Robbins, Cornell Catholic Chaplain and panel discussion by members of the Cornell United Religious Work in Kaufmann Auditorium. Panel members will represent different religions and respond to Robbins' talk.

Those who have registered for the entire series are guaranteed seating, but there is still plenty of seating available for people who wish to attend any or all of the programs.

In the past several years, the committee has sponsored a week-end long conference on sexuality. While the conferences have had a positive reception, according to co-chairwoman Pamela Swanson, the committee concluded the impact of a con-

ference was too temporal.

After considerable discussion and investigation of programs at other universities, the committee decided to replace the conference approach with a three-week lecture series.

The committee is also planning to conduct a CAMPOLL survey in March to determine sexual attitudes and values among members of the Cornell community. The purpose will also be to gain information on the usage and rating of various counseling services and programs.

Students will also be asked to respond to the Sex Fact Book, a manual containing information on such topics as birth control, pregnancy and abortion. The manual is compiled by Rosalind Kenworthy, sex counselor at the Gannett Medical Clinic, in coordination with Cornell students.

Tuition Chart

Correction

The Comparative Schedules of Tuition, which appeared in last week's Chronicle photocopied from the University's Budget Policies document for 1978-79, contained an error in Veterinary

College tuition. The sentence "Non-resident, enrolled prior to 7/1/77" should have been "Non-resident, enrolled prior to 7/1/76." The tuition figures for this category were correct.

Bulletin Board

Benefit Hockey Game Planned

The Gamma Chapter of Alpha Phi Omega, National Service Fraternity, will present a benefit hockey game between the Ithaca Stars and The Port Colborne Sailors at 2 p.m. Saturday, Feb. 11. All proceeds will be donated to the American Cancer Society.

Tickets will be available at the door and may also be purchased in advance at Willard Straight Hall, Mayer's Smoke Shop, Ithaca Sporting Goods and Athlete's Foot. The cost is \$2 for adults and \$1 for students and children.

Assertiveness Training Offered

Assertiveness Training for women will be offered by Dr. Gene Eberts of Gannett Mental Health Clinic and Sandy Stein of the Dean of Students Office. Women interested in developing skills in personal effectiveness may obtain more information by contacting Gene at 256-5208, or Sandy at 256-3608.

Calendar

Continued from Page 8

2 p.m. *Cornell Cinema presents "Sound of Music." Uris Hall Auditorium.

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

6:30 p.m. *Soybean Soiree or Banquet for a Small Planet. Musical entertainment. Sponsored by Coalition for the Right to Eat and People for Tofu. Tickets at the door or in advance. For more information call 272-2582, 272-2996 or 257-0007. Anabel Taylor One World Room.

8 p.m. *Cornell Cinema presents "Bound for Glory." Uris Hall Auditorium.

Exhibits

Olin Library: "Halldor Hermannsson, 1878-January 6, 1978," honoring the first curator of the Fiske Icelandic Collection who served from 1905-1947; through Feb. 21.

Olin Library History of Science Collections: "Claude Bernard on the Centenary of His Death, 10 February 1878," through February.

Herbert F. Johnson Museum: "Landscapes: New Views," through March 5; "Avant-garde Art in the Soviet Union," through Feb. 26; "Posters: The Art of Propaganda," through March 12; "The Linear Tradition: Selected Drawings from the 18th to the 20th Century," Feb. 14 through March 19.

Mann Library: "Scanning Electron Micrographs of Pollen Grains," by Robert Ferretti. Feb. 11 through 25.

Announcements

Intramural Track (Women, Men). The deadline on entries is at 4 p.m. Wednesday, Feb. 15 in the Intramural Office, Gruman Squash Courts Building. A team may consist of no more than 22 people. Each team may enter no more than two people in any individual event. Each individual may enter up to three events but no more than two of these may be individual events. (List of events in Intramural Office.)

Bloodmobile Next Week

The Tompkins County Red Cross will hold a bloodmobile at Barton Hall from 9:30 a.m. to 3:15 p.m. Tuesday and Wednesday, Feb. 14 and 15. Students who would like to give a pint of blood may sign up from 9 a.m. to 2 p.m. today at Willard Straight Hall or call the Red Cross at 273-1900. Walk-ins also will be accepted.

Special Seminars

Agriculture and Life Sciences
JUGATAE: "Getting a Job and Holding It," Ed Smith, 4 p.m., Monday, Feb. 13, Caldwell 100.

MICROBIOLOGY: "Microbiological Aspects of Legionnaire's Disease," Charles C. Shepard, Center for Disease Control, Atlanta, Ga., 4:30 p.m., Thursday, Feb. 9, Stocking 204.

NATURAL RESOURCES: "Tidal Wetlands — The Assessment of Value," Peter Burbridge, 4 p.m., Thursday, Feb. 9, Fernow 304.

Biological Sciences
BIOCHEMISTRY: "The SARC Genes, Transforming Protein and Leukemia Viruses," Myron Essex, Harvard University, 4:30 p.m., Friday, Feb. 10, Stocking 204.

BIOCHEMISTRY: "Nitrogen Fixation," Huub Haaker, 12:20 p.m., Monday, Feb. 13, Wing Hall Library.

NEUROBIOLOGY AND BEHAVIOR: "The ACH Receptor in Vertebrate Slow Muscle Fibers," Vince Dionne, University of Vermont, 12:30 p.m., Thursday, Feb. 9, Langmuir Penthouse.

NEUROBIOLOGY AND BEHAVIOR: "Reflections from (and upon) Infant Eyes," Howard C. Howland, 12:30 p.m., Wednesday, Feb. 15, Langmuir Penthouse.

PLANT PHYSIOLOGY: "The Mechanism of Polar Auxin Transport," P. Davies, 11:15 a.m., Friday, Feb. 10, Plant Science 404.

Engineering
CHEMICAL ENGINEERING: "Design of a Completely Filled Bio-Reactor," Arthur Einsele, Swiss Federal Institute of Technology, Zurich, 4:30 p.m., Monday, Feb. 13, Olin Hall A-145.

MATERIALS SCIENCE AND ENGINEERING: "Fusion Reactor Materials — Problems and Possible Solutions," Peter Wilkes, University of Wisconsin, 4:30 p.m., Thursday, Feb. 9, Bard 140.

MECHANICAL AND AEROSPACE ENGINEERING:

Career Center Calendar

Feb. 9—Internship Prospecting in the Federal Establishment. 4:30 p.m., Ives 215.

Feb. 10—A representative from the Institute for Paralegal Training in Philadelphia will be at the Career Center to talk with interested students. Check with the center for a time.

Feb. 14—Using the Career Center Library to find a Summer Job. 4:30 p.m. Career Center Library. Sign up in advance.

Feb. 14—Resume Critique. 3 p.m. Register in advance.

Feb. 16—Internship Prospecting in State and Local Governments. 4:30 p.m., Ives 215.

Writing Workshop Announced

The Writing Workshop is open from 9 to 11 a.m. and 1:30 to 3:30 p.m. Monday through Thursday every week at 203 Rockefeller Hall. Writing workshops also are held from 6 to 10 p.m. Monday through Thursday every week and from 1 to 5 p.m. on Sundays in the Tower Room of Uris Library. The workshop provides free consultation service on papers students are writing. For more information call 6-6349.

"Seasonal Performance of Space Conditioning Systems," A.L. Berlad, SUNY, Stony Brook, 4:30 p.m., Tuesday, Feb. 14, Grumman 282.

PLASMA STUDIES: "Tandem Mirror Reactors and TMX," Grant Logan, Lawrence Livermore Laboratory, 3:30 p.m., Tuesday, Feb. 14, Upson 107.

THEORETICAL AND APPLIED MECHANICS: "Viscoplasticity Based on Total Strain," E. Krempl, Rensselaer Polytechnic Institute, 4:30 p.m., Wednesday, Feb. 15, Thurston 205.

Human Ecology
TOXICOLOGY: "Lead: In Pursuit of Absolute Safety," Paul B. Hammon, University of Cincinnati Medical Center, 12:10 p.m., Monday, Feb. 13, Martha Van Rensselaer 124.

Graduate Bulletin

Sage Notes from the Graduate School

All graduate students must turn in course registration forms and additions to course registration at Sage Graduate Center by Feb. 10. File forms early and avoid long lines. Please note special instruction on last page of Course Roster about Thesis Research for 0 credit.

Now is the time to check into financial aid opportunities for the 1978-79 academic year. Information on fellowships, grants and awards from non-University sources is contained in the Fellowship Notebook, available in the office of your Graduate Faculty Representative and also in the Fellowship Office, 116 Sage Graduate Center.

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 by March 1.

The Center for International Studies will award research grants in 1977-78 for Cornell graduate students. The deadline for application submission by students is Feb. 24, and notification of awards will be made before March 17 after applications have been reviewed by a faculty committee.

Graduate students with research interests in international and comparative studies may apply for grants of up to \$750. Grants are made for research related travel, technical assistance including computer expenses, and supplies or equipment directly related to research.

Further information and applications are available from the Center for International Studies, 170 Uris Hall, 256-6370.

Calendar

February 9 — 19

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, February 9

10 a.m. Campus Club Fine Art Lecture Series: "Oriental Porcelain," Martie W. Young, Curator Asian Art. H.F. Johnson Museum.

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

12 noon. International Studies Luncheon: "Reform of the Rules of the International Monetary System," Steven Silard, International Monetary Fund. Hughes Private Dining Room.

12 noon. Proseminar on Continuing Education: "Continuing Education at Cornell: An Update," Mark Barlow, Vice-Provost. Stone 307.

12:15 p.m. Catholic Mass. All welcome. Anabel Taylor G-19.
12:15 p.m. Floriculture and Ornamental Horticulture Seminar: "An Investigation of Turfgrass Land Use Acreages and Selected Maintenance Expenditures," Ernest E. Hardy, Joann Gruttadauria and Arthur S. Lieberman. Plant Science 37.

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

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

4:30 p.m. Society for the Humanities and the Department of History Lecture: "The Forbidden Idea: Authority in American Intellectual History," John Diggins, History, Princeton University. Ives 110.

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. Cornell Badminton Club. Helen Newman.
7 p.m. Zoo Animal Seminar: "Philadelphia Zoo," Sue Yanoff. Schurman D-215.

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.

7:30 p.m. Introduction to Talmud and Midrash: The Major Personalities. Anabel Taylor G-30.

8 p.m. *Cornell JV Wrestling-Tompkins Cortland Community College. Teagle.

Friday, February 10

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

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

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

2 p.m. Society for the Humanities and the Department of History Seminar: "Thorstein Veblen's Place in the History of American Thought," John Diggins, History, Princeton University. Andrew D. White House.

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

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

4:15 p.m. Coalition for the Right to Eat meeting. Anabel Taylor Forum.

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

5:15 p.m. Shabbat Services (Orthodox). Young Israel House.

5:30 p.m. Shabbat Services (Conservative). Anabel Taylor Founders Room.

5:30 p.m. Shabbat Services (Reform). Anabel Taylor Chapel.

7 p.m. Cornell Women's Ice Hockey-Colby College. Helen Newman.

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

7:30 p.m. Jordani Society (Natural History) Lecture: "Lobsters," Jan Factor. Film, slides and discussion. All invited. Stimson G-1.

7:30 p.m. Pentangle II Free Film Series: "My Way Home," (Jansco, 1964, Hungary); "The Water Circle" (Broughton, 1976, U.S.). Uris Hall Auditorium.

7:30 p.m. Cornell Christian Fellowship meeting for singing, prayer and fellowship. All welcome. Balch II Lounge.

7:00 p.m. *Cornell Varsity Gymnastics-Cortland. Teagle.

8 p.m. *Cornell Varsity Basketball-Dartmouth. Barton.

8 & 10 p.m. *Cornell Cinema presents "Cousin Cousine." Statler Auditorium.

8:30 p.m. *Sierra Club Square Dance. Jean Alve calling. Straight Memorial Room.

9:30 p.m. *Cornell Cinema presents "Three Women." Uris Hall Auditorium.

12 midnight. *Cornell Cinema presents "Apple War." Uris Hall Auditorium.

Saturday, February 11

9:30 a.m. Shabbat Services (Conservative). Anabel Taylor Founders Room.

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

2 p.m. *Cornell Varsity Wrestling-Syracuse. Barton.

2 p.m. *Cornell Swimming-Harvard Teagle.

2 p.m. *Cornell Fencing-Harvard. Teagle.

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

5 p.m. Cornell Women's Ice Hockey-Colby. Lynah.

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

5:45 p.m. *Cornell Freshman Basketball-LeMoyne. Barton.

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

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

8 p.m. *Cornell Varsity Basketball-Harvard. Barton.

8 & 10 p.m. *Cornell Cinema presents "Cousin Cousine." Statler Auditorium.

8 p.m. Risley Free Film Series: "Long Day's Journey Into Night." Risley Theatre.

8:15 p.m. Department of Music presents Malcolm Bilson, pianist, and Sonya Monosoff, violinist and violist. Music by Brahms, Bartok, Franck. Barnes Auditorium.

10 p.m. *Cornell Gay Liberation presents "Valentine's Day Disco Dance." Music till 2 a.m., full bar and snacks. Straight Memorial Room.

12 midnight. *Cornell Cinema presents "Apple War." Uris Hall Auditorium.

Sunday, February 12

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: Teresita Weind, Center for Adult Learning, Chicago.

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

1 p.m. *Cornell Track-Yale. Barton.

2 p.m. *Cornell Cinema presents "Ring of Bright Water." Uris Hall Auditorium.

4 p.m. Department of Music presents Malcolm Bilson, pianist, and Sonya Monosoff, violinist and violist. Music by Brahms, Bartok, Franck. Barnes Auditorium.

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

7 p.m. *Cornell Cinema presents "The Memory of Justice." Uris Hall Auditorium.

7 p.m. *Cornell Gymnastics (Co-ed)-Springfield. Barton.

7:30 p.m. Ecology House Lecture: "Pesticides and the Environment." E.M. Raffensperger. Ecology House, located off Triphammer Road.

7:30 p.m. Party for all students interested in social work to meet with faculty. Refreshments. Big Red Barn.

8:15 p.m. *Alkebu Lan Kesho presents "Cinderella Everafter." Statler Auditorium.

Monday, February 13

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

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

4:30 p.m. Ideological conflicts in Judaism. Anabel Taylor G-30.

4:30 p.m. General Physics Colloquium: "Why Does Light Travel Slowly Through a Body?" Paul P. Ewald. Clark 700.

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

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

7:30 p.m. Food Science 150 Lecture: "Proteins," J.M. Regenstein, Poultry Science. Uris Hall Auditorium.

7:30 p.m. "America and World Community": "Beyond the Myth of Underdevelopment and a Search for Liberation," Joe Gajardo Velasquez, Committee on U.S.-Latin American Relations. 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 "Seduction of Mimi." Film Club Members only. Uris Hall Auditorium.

Tuesday, February 14

9:30 a.m.-3:15 p.m. Red Cross Bloodmobile, sponsored by Cornell ROTC Brigade. Barton.

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.

3:30 p.m. International Legal Studies Colloquium: "The Multinational Trade Negotiations at Geneva-U.S. Policy and Strategy," Thomas Graham. Hughes Private Dining Room.

4:30 p.m. Geological Sciences Seminar: "Polar Glaciological Research at the State University of New York at Buffalo," Chester C. Langway, SUNY Buffalo. Thurston 205.

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

4:45 p.m. Campus Council meeting. Day 133.

4:45 p.m. Marine Biology Office Lecture: "The Shoals Marine Laboratory-Summer Programs for 1978," John M. Kingsbury, director. Anyone considering applying to the lab should attend this session. Plant Science 233.

7 p.m. Cornell Badminton Club. Helen Newman.

8 p.m. *Cornell Cinema presents "Jonah Who Will Be 25 in the Year 2000." Uris Hall Auditorium.

Wednesday, February 15

9:30 a.m.-3:15 p.m. Red Cross Bloodmobile, sponsored by Cornell ROTC Brigade. Barton.

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

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

4:15 p.m. Japanese Free Film Series: "Sansho the Bailiff" (Mizoguchi, 1954). Uris Hall Auditorium.

4:30 p.m. Faculty meeting. Ives 110.

5 p.m. Episcopal Church at Cornell Evening Prayer. Anabel Taylor Chapel.

5 p.m. Advanced Hebrew Conversation. Anabel Taylor 314.

7 p.m. Cornell Sex Series - Beyond the Birds and Bees presents "Sex and the Law," Irving Younger. Sponsored by the Cornell Sex Education Committee. Goldwin Smith Kaufmann Auditorium.

7:30 p.m. Transcendental Meditation and TM-Sidhi Programs present a free lecture on recent research on the techniques taught by Maharishi Mahesh Yogi. Sponsored by Cornell TM Club. Ives 215.

7:30 p.m. "America and World Community": "Beyond the Myth of Underdevelopment and a Search for Liberation," Joe Gajardo Velasquez, Committee on U.S.-Latin American Rela-

Thursday, February 9, 1978

tions. Anabel Taylor One World Room.

8 p.m. *Cornell Cinema presents "Sense of Loss." Uris Hall Auditorium.

Thursday, February 16

10 a.m. Campus Club Fine Art Lecture Series: "Abstract Expressionism-The Formative Years," Robert Hobbs, History of Art Adjunct Curator. H.F. Johnson Museum.

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.

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

4 p.m. Quodlibet, the Medieval Forum. Lecture: "The Medieval Illuminator at Work," Robert Calkins, Art History. Goldwin Smith 24.

4:30 p.m. Astronomy and Space Sciences Colloquium: "Giant Gaseous Protoplanets," William DeCampli, Harvard. Space Sciences 105.

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. Cornell Badminton Club. Helen Newman.

7 p.m. Cornell Women's Varsity Swimming. Helen Newman.

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.

7:30 p.m. Introduction to Talmud and Midrash: The Major Personalities. Anabel Taylor G-30.

8 p.m. Cornell Cinema and Oliphant Fellowship present Marcel Ophuls, director of such films as: "The Sorrow and the Pity," "The Memory of Justice" and "A Sense of Loss." Uris Hall Auditorium.

Friday, February 17

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

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

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.

4:15 p.m. Coalition for the Right to Eat meeting. Anabel Taylor Forum.

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

5:15 p.m. Shabbat Services (Orthodox). Young Israel House.

5:30 p.m. Shabbat Services (Conservative). Anabel Taylor Founders Room.

5:45 p.m. *Cornell Freshman Basketball-Cortland. Barton.

6:30 p.m. *Shabbat Dinner Lecture: "Scenes of Judicial Life," Irving Younger, Law. Reservations must be made by Thursday, Feb. 16 at Anabel Taylor G-34.

7 & 9:30 p.m. *Cornell Cinema presents "Dog Day Afternoon." Statler Auditorium.

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

7:30 p.m. Pentangle II Free Film Series: "The Great Ecstasy of the Sculptor Steiner" (Herzog, 1975, W. Germany); "Spend it All" (Les Blank, 1971, U.S.); short: "Last Words" (Herzog, 1967, W. Germany). Uris Hall Auditorium.

7:30 p.m. Cornell Christian Fellowship meeting for singing, prayer and fellowship. All welcome. Balch II Lounge.

7:30 p.m. Cornell Women's Varsity Hockey-New Hampshire. Lynah.

8 p.m. *Cornell Varsity Basketball-Yale. Barton.

8 p.m. Cornell Graduate Christian Forum Lecture: "Freud and Christian Faith," Merold Westphal, Hope College. Ives 215.

8:15 p.m. Department of Music presents Sonya Monosoff, violinist, and Patricia McCarty, violist. Works of Eichner, Reger, Martinu, Riegger, Mozart. Barnes Auditorium.

9:30 p.m. *Cornell Cinema presents "Magic Flute." Uris Hall Auditorium.

12 midnight. *Cornell Cinema presents "Caged Heat." Uris Hall Auditorium.

Saturday, February 18

9:30 a.m. Shabbat Service (Conservative). Anabel Taylor Founders Room.

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

2 p.m. *Cornell Varsity Hockey-Brown. Lynah.

2 p.m. *Cornell Varsity Fencing-Army. Teagle.

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

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

5:45 p.m. *Cornell Freshman Basketball-Ithaca College. Barton.

7 & 9:30 p.m. *Cornell Cinema presents "Dog Day Afternoon." Statler Auditorium.

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

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

8 p.m. *Cornell Varsity Basketball-Brown. Barton.

9:30 p.m. Pre-Big Game Semi-Formal Dance, sponsored by Noyes Center Program Committee. Noyes Center 3rd floor lounge.

12 midnight. *Cornell Cinema presents "Caged Heat." Uris Hall Auditorium.

Sunday, February 19

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: Isma'il Al Faruqi, Islamics, Temple University.

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

2 p.m. *Cornell Men's Gynmastic Team-Temple. Barton.

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