



Research Funding Is at Its Peak, and Growing

The good news at Cornell University this year—a time of severe economic pressures and careful budget planning—is that research funding is at an all-time high and likely to continue its growth.

According to W. Donald Cooke, vice president for research, the future is extremely bright for basic research, the kind most suited to the University.

"President Carter's 1980 budget treats research well. It provides a 9 percent increase in basic research funds, including a

12 percent increase for the National Science Foundation, which supports about 60 percent of the research conducted at Cornell," Cooke said.

The National Institutes of Health, which funds about 20 percent of Cornell research at Ithaca and Geneva, is slated for only a 1 percent increase in research funding in the 1980 budget probably because of a major increase it received in 1979.

If Congress passes President Carter's budget as submitted,

Cooke said, many fewer new proposals submitted to NIH will receive funding, but Congress traditionally has been quite favorable toward NIH research. Last year it added 3 percent to the President's budget and might make a similar move this year, he said.

Expenditures for research at Cornell have increased 20 percent last year and 10 percent in the previous year and Cornell also is getting more of the total research funds available

In 1977, Cornell received

more NSF funds (\$16 million) in support of research in mathematics, physics and engineering than any other university in the nation (MIT was second with \$11 million). Last year it received more federal funds for agriculture than any other institution and it usually ranks in the top five nationally in chemistry and physics research, he said.

Cooke added that the University's ability to attract research funds for the social sciences is not as great as some comparable institutions, but the

University's Office of Sponsored Programs is continuing to work closely with social scientists to identify sources of funding. It should be noted, he stressed, that in some areas of the social sciences large external funding is not necessary to be a high ranking department.

Part of Cornell's success in attracting research funds is due to the aggressiveness of its faculty, Cooke said. In January, for example, more than 200 research proposals, asking for

Continued on Page 2

Campus Life Budget Open Hearing Today

The Campus Council will conduct an open hearing today at 4:45 p.m. in 701 Clark Hall to help in deciding how \$17,000 budgeted for new programs in the Division of Campus Life should be allocated during the 1979-80 fiscal year.

The various units of campus life have submitted a total of \$40,990 in requests. Funds for the new programs were raised by cutting the University's 7 percent across the board inflation increase in general expenses to 5 percent within the division. The 2 percent difference has provided the \$17,000 for new programs.

Under the Campus Council Charter, the vice president for campus affairs must seek the advice of the council before establishing his final budget. The council is scheduled to vote on its recommendations after the hearing.

University Unions has outlined 12 new projects for a total cost of \$25,000. The Office of the Dean of Students and Residence Life wants about \$12,000.

Transportation services would like \$790 for an information program to encourage car-pools to campus. Religious Affairs

wants \$2,000 for a Campus Conference on Religion plus \$500 for its Festival of Black Gospel.

The University Unions' proposed projects are: activities hotline, \$500; recreation coordinator, \$3,450; student leadership workshops, \$1,460; partial funding of cinema coordinator's salary, \$3,500; summer craft studio program, \$575; manned information service \$7,070; Noyes Center exterior lighting, \$1,500; replace west campus darkroom equipment, \$530; video-tape rental library, \$2,500; Replace North Campus 16mm projectors, \$1,500; new Willard Straight potshop courses and equipment, \$1,800; and North Campus Union color darkroom, \$750.

The Dean of Students office has four requests: graduate assistant for the Alcohol-Drug Education Committee, \$3,000; extension of legal adviser's time and services, \$750 to \$1,500; increase Family Housing Program Assistant from one-half time to full-time, \$4,700; and graduate assistant for a Study Skills Assistant Program, \$3,400.

Council Establishes Housing Committee

The Campus Council has established two ad hoc committees, one to look into the problems of off-campus housing and the other to formulate a policy on alcohol consumption for action by the council.

The proposals for the committees were passed without opposition at a special meeting of the council last week, called because of its mounting workload.

Established at the request of the council's Residence Life Committee, the committee on off-campus housing will, according to its charge "gain a realistic perspective of this problem... will decide what services are needed and what policy actions should be taken. All facets of off-campus housing will be reviewed; including landlords, security, city inspectors, students who wish to move off campus, rents, satisfaction, housing shortage, leases and security deposits,

on-campus informational sessions."

The committee is to be comprised of students, faculty and staff directly or indirectly concerned with the problems of off-campus housing. The committee will submit a written report to the University's Residence Life staff and the council's Resident Life Committee.

The membership of the committee on alcohol policy will be internal to the council, with one representative from Residence Life, Student Life & Activities, University Unions Board of Governors, Board on Student Health, Cornell United Religious Work Board and the council. They will be named by the respective units.

Consultants to the committee will be named by the Drug Education Committee, the Department of Life Safety Services, Department of Public Safety and the Concert Commission.



Playboy Protest

Some of the more than 100 protesters objecting to a Playboy photographer's visit to campus march between Willard Straight and Statler Halls last Thursday. Photographer David Chan said he signed up nearly 300 Cornellians as candidates to pose for a pictorial in the magazine's September issue on "Women of the Ivy League." The Cornell stop was Chan's last on his tour of the eight Ivy schools, and, according to him, the one that generated the greatest response—both positive and negative.

Peace Studies Gets \$500,000

The Ford Foundation has approved a grant of \$500,000 to the University for support of the University's Peace Studies Program. The program, now in its ninth year, sponsors research and teaching in international security and arms control.

"The purposes of the grant are to ensure that research, publication, training and teaching in international security and arms control of the kind supported by a previous Foundation grant...will be continued (until 1988); and to assure after 1988 a permanent endowment for perpetuation of such activities," according to a letter from the Ford Foundation.

In 1973, the Peace Studies Program received a five-year grant of \$400,000 from the Ford Foundation.

Terms of the latest grant require Cornell to contribute a matching \$250,000, bringing the total funding to \$750,000. "Income...will be utilized for support of those activities of the (Peace Studies) Program designed to advance understanding and resolution of major problems in international security and arms control," the foundation stated.

The Peace Studies Program, under the direction of Franklin A. Long, the Henry R. Luce Professor of Science and Society, sponsors teaching and research on arms control and disarmament.

on the moderation and avoidance of war, and on the political, economic, technological and social elements of progress towards peace.

Jointly sponsored by Cornell's Center for International Studies and the Program on Science, Technology and Society, it is an interdisciplinary program which involves humanists, social scientists, physical scientists and engineers.

McGeorge Bundy, president of

the Ford Foundation, said in a letter to Cornell President Frank Rhodes that the panel of evaluators who reviewed Cornell's proposal "was particularly enthusiastic about the training which pre-doctoral candidates receive at Cornell in the field of international security and arms control and about the way in which the seminar supported by the Peace Studies Program apparently serves as a focal point for work in this field at Cornell."

Bio-Sci Architect Named

The Cambridge, Mass. firm of Hugh Stubbins Associates has been selected as the architect for the University's new Biological Sciences facility to be built on Lower Alumni Field.

Trustees authorized the administration in December to begin design studies for the building.

The new, centrally located facility will house the Sections of Neurobiology and Behavior and Ecology and Systematics, now located nearly five miles from campus at Langmuir Laboratory near the Tompkins County Airport. The new building will enable the University's Division of Biological Sciences to realize its long-time goal of housing all its faculty on the central campus.

Construction of the new facil-

ity is expected to begin in spring 1980. It should be ready for occupancy in spring 1982. The facility will be about the size of the recently completed Boyce Thompson Institute for Plant Research at the east end of Tower Road.

Chronicle Hiatus

Because of spring recess, the Chronicle will not be published on Thursday, March 22. Therefore, advance notices of events for the period up until Thursday, March 29, should be submitted in time for the Chronicle of next Thursday, March 15.

Fuertes Lecture Monday

Charles G. Sibley, the Coe Professor of Ornithology and curator of birds at Yale University, will deliver a Fuertes Lecture at 7:45 p.m. Monday, March 12, at the Laboratory of Ornithology, 159 Sapsucker Woods Road.

Sibley's topic will be "The Phylogeny and Classification of Birds: Evidence from Comparisons of the Genetic Material, DNA."

For the past five years, Sibley and his colleagues have studied all orders and some 100 families

of birds using a technique called DNA hybridization. The studies have provided the framework for a new classification system for birds based on their genetic material.

Sibley holds a Ph.D. in zoology from the University of California at Berkeley. He served as an assistant professor at the University of Kansas and San Jose State College and associate professor of ornithology at Cornell before being appointed to the Coe Professorship at Yale in

1965. He also served as director of Yale's Peabody Museum from 1970 to 1976.

He is the author or co-author of nearly 90 scientific articles ranging from descriptions of new bird species to electrophoretic studies of various avian proteins.

The Fuertes Lecture Series was endowed by George M. Sutton, zoologist and wildlife artist, and Olin Sewall Pettingill, former director of the Laboratory of Ornithology, to bring distinguished lecturers in ornithology to the laboratory.

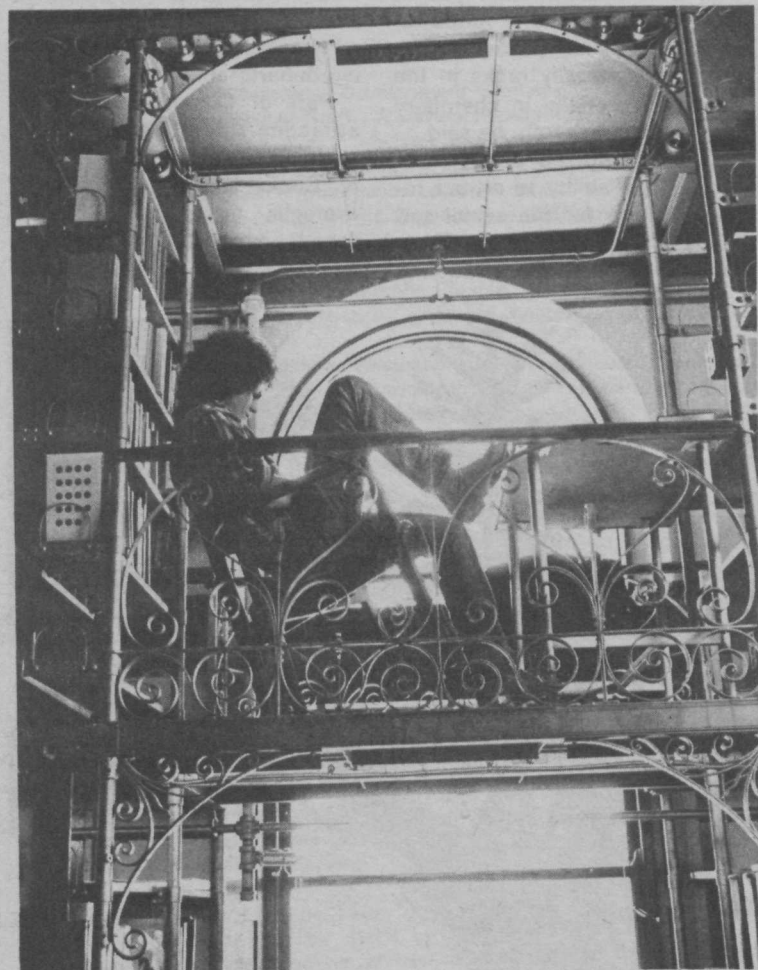
HumEc Helps State to Plan

In this International Year of the Child the state government is calling upon the State College of Human Ecology as a resource for planning programs for children and families.

Ilene Margolin, executive director of the State Council on Children and Families, along with Assemblyman Alan Hevesi, deputy majority leader of the Assembly will spend two days this week using the college as a think tank for future program ideas.

Their visit today and Friday, will include a symposium in Martha Van Rensselaer Auditorium, open to the public, at 4 p.m. today. It will provide an open platform for discussing the work of the council and the legislature on protecting children's rights and providing support services for families.

The Council on Children and Families, housed in the governor's office, was established by the legislature in 1977 to bring about "more efficient organization and operation of... social, educational, mental health and other supportive and rehabilitative services to children and families."



Suspended animation in the A.D. White Reading Room of Uris Library.

Of Cocoons, Caterpillars, Moths

The unique hormonal controls that tell a caterpillar when it's time to be a moth will be discussed by two of the nation's leading insect physiologists in a special series of seminars at the College of Agriculture and Life Sciences from March 12-15.

The two speakers, Lynn Rid-diford and James Truman, a husband and wife research team at the Department of Zoology at the University of Washington in Seattle, have unraveled many of the mysteries of how hormones control the morphological, physiological and behavioral changes

that occur as caterpillars turn into moths.

The four-day series will begin on Monday, March 12, with a general introduction to the topic, "Hormonal Control of Growth and Metamorphosis, or How Moths Grow Up" — by Rid-diford. On Tuesday, March 13, she will discuss her own findings on how hormones can continue to induce changes on individual moth cells, even when they have been severed from an insect and placed in a laboratory culture.

Truman will continue the series with two talks on the hormonal control of insect behav-

ior. On March 14, he will discuss the role of circadian, or daily, clocks in insect behavior; and on Thursday, March 15, he will close the series with a presentation entitled "How to Make and Turn on a Moth's Nervous System."

All lectures will be at 4 p.m. in 100 Calwell Hall, with refreshments served at 3:45. The seminars are part of the joint Griswold-Jugatae lecture series sponsored by the Department of Entomology and the Division of Biological Sciences throughout the year.

Grace Gift: \$125,000

The Board of Directors of the Grace Foundation has approved an unrestricted grant of \$125,000 to the University to be paid over the next five years.

Officers of the Grace Foundation "had a very satisfactory impression of Cornell as a top flight institution," according to a letter from Allen S. Rupley, president of the foundation.

"We are very happy to have

arranged for this participation in The Cornell Campaign and we wish you every success in inducing other corporations in supporting this very important institution," Rupley wrote to Robert S. Hatfield, chairman of the campaign's corporate gifts committee, who, with Robert W. Purcell, former chairman of Cornell's Board of Trustees, directed the University proposal to the foundation.

Research Funding

Continued from Page 1

some \$44 million, passed through the Office of Sponsored Programs. Many of these proposals are for multiple years; some will not be funded and others will be funded at less than the requested level.

"Still that's a lot of research," Cooke said, adding that the success rate on proposals submitted

is quite good. "We're certainly one of the top universities in terms of the percentage of proposals funded by NSF," he said.

"We are a major research university, and our ability to obtain funds reflects favorably on Cornell. Research is essential to the well-being of the institution and is certainly one of our major missions," Cooke said.

Job Opportunities

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 II, A-20 (Romance Studies)
Appointments Clerk, A-17 (Personnel)
Chief Acct. Clerk, A-17 (Mat'l Science & Engineering)
Sr. Admin. Secy., A-17 (Law School)
Library Asst. IV, A-17 (Univ. Libraries, Law)
*Sr. Data Clerk, A-15 (Public Affairs Records)
Head Acct. Clerk, A-15 (Accounting - Endowed)
Admin. Secy., A-15 (Business & Public Admin.)
Admin. Secy., A-15 (Government)
Admin. Secy., A-15 (Computer Science)
Admin. Secy., A-15 (Appl. & Engr. Physics)
*Admin. Secy., A-15 (Sports Info.-Public Affairs)
*Corr. Secy. II, A-15 (Business & Public Admin.)
*Admin. Secy., A-15 (Lab of Atomic & Solid State Physics)
*Library Asst. III, A-15 (U. Libraries, Olin)
Prin. Clerk, A-14 (Accounting-Endowed)
Prin. Clerk, A-14 (Health Services)
*Dept. Secy., A-13 (Law School)
*Dept. Secy., A-13 (University Press)
Dept. Secy., A-13 (University Development)
*Dept. Secy., A-13 (Geological Sciences)
Dept. Secy., A-13 (U. Libraries, Engineering)
Dept. Secy., A-13 (Mathematics)
Dept. Secy., A-13 (Administrative Programming Svcs.)
Dept. Secy., A-13 (Civil & Environ. Engineering)
Dept. Secy., A-13 (Computer Science)
Admin. Aide II, NP-12 (Coop. Extension, NYC)
Secy.-Steno, NP-11 (Finance & Bus., Gen'l Services)
Steno III, NP-9 (Coop. Extension, NYC Programs)
*Account Clerk II, NP-9 (Human Ecology Administration)
Steno III, NP-9 (Education, 9-30-79, probable cont.)
*Admin. Secy., NP-8 (Coop. Ext. Admin., Resource Info Lab)

Admin. Secy., NP-S (Vet Micro., Baker Institute)
*Steno II, NP-6 (Poultry Science)
Steno II, NP-6 (Diagnostic Lab)
Steno II, NP-6 (DCS - Radiology)
Steno II, NP-6 (Vet Physiology, Biochem. & Pharm.)
Steno II, NP-6 (Entomology, Geneva)
Steno II, NP-6 (Rural Sociology)
Steno II, NP-6 (Director of Instruction, CALS)
Steno II, NP-6 (NYSSILR)
*Steno I, NP-5 (Pomology & Viticulture, Geneva)
Steno I, NP-5 (Director of Instruction, CALS)
SERVICE & MAINTENANCE POSITIONS
Professional Chef, CPO5 (Dining Services)
Farm Manager II, CPO4 (Animal Science)
Electrician (Maint. & Service Ops., Union)
Sr. Exp. Machinist, A-21 (Nat'l Astronomy & Ion. Ctr.)
Head Cook, A-20 (Dining Services)
Cook II, A-17 (Dining Services)
Mechanician I, A-15 (Residence Life)
Principal Clerk, A-14 (P.O. Box 2, Barnes)
*Custodian, A-13 (Bldgs. & Grounds Care)(3)
*Custodian, A-13 (Residence Life, W. Campus)
Custodian, A-13 (Bldgs. & Grounds)(2)
Custodian, A-13 (Residence Life)
Custodian, A-13 (Statler Inn)
Farm Maint. Worker II, NP-9 (Farm Services)
*Field Asst. II, NP-7 (Agronomy, Chazy, NY)
*Janitor, NP-6 (Bldgs. & Grounds Care)
CRT Operator I, NP-4 (Animal Science)

TECHNICAL POSITIONS

*Sr. Electronics Tech., A-19 (Computer Services)
Synch. Op. Tech., A-19 (Lab of Nuclear Studies)
*Sr. Life Safety Tech., A-18T (Radiation Safety, LSS)
Sr. Lab Tech., A-18 (Neurobiology & Behavior)
*Research Aide I, A-14 (Geological Sciences)
Lab Tech. II, NP-11 (Vet Micro., Baker Institute)
Lab Tech. II, NP-11 (Plant Pathology)
Fishery Tech., NP-11 (Nat'l Resources, Adirondacks)
Experimentalist I, NP-11 (Vet Physical Biology)
*Lab Tech. I, NP-8 (Equine Drug Testing, Monticello)
Sr. Arch.Engr. II, CPO7 (Design & Project Mgmt.)
Sr. Computer Staff Spec., CPO6 (Computer Services)
Sr. Res. Supp. Spec., CPO6 (Electrical Engineering)
Comp. Tech. Admin. III, CPO6 (Computer Services)
Sr. Computer Staff Spec., CPO6 (Computer Services)
Comp. Tech. Admin. II, CPO5 (Computer Services)
Life Safety Svc. Mgr., CPO5 (LSS & Ins.)
Res. Supp. Spec. III, CPO5 (Elec. Engineering)
Elec. Engineer II, CPO5 (Design & Project Mgmt.)
*Res. Supp. Spec. II, CPO4 (Mat'l Science Ctr.)
Res. Supp. Spec. II, CPO4 (Entomology - Highland)
Appl. Programmer II, CPO4 (Computer Services)
Appl. Programmer II, CPO4 (Animal Science)
Appl. Programmer II, CPO4 (Computer Graphics)
Res. Supp. Spec. II, CPO4 (Mat'l Science & Engr.)
Comp. Tech. Admin. I, CPO4 (Computer Services)
Res. Supp. Spec. I, CPO3 (Animal Science)
Res. Supp. Spec. I, CPO3 (Entomology, Geneva)
Res. Supp. Spec. I, CPO3 (Nat'l Resources, New Paltz)
Appl. Programmer I, CPO3 (Computer Services)(2)
Res. Supp. Aide, CPO2 (Chemistry)
Res. Supp. Aide, CPO2 (Nutritional Sciences)

ADMINISTRATIVE POSITIONS

Associate Director (University Relations)
Attending Physician (University Health Services)
Editor (University Press)
SDS V, CPO8 (Associate Dean)(Graduate School)
Exec. Staff Asst. IV, CPO8 (V.P., Finance & Plann.)
*Student Dev. Spec. IV, CPO7 (Human Ecology, Dean's Office)
Develop. Officer III, CPO7 (University Development)
Sr. Administrator I, CPO7 (Media Services)
Dev. Officer II, CPO6 (University Development)
Dev. Officer II, CPO6 (University Development)
Assoc. Administrator, CPO6 (Media Services)
Regional Director II, CPO6 (Public Affairs, West)

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Here's Looking at You



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5

Heads of people, real and imagined, decorate many campus buildings. Do you know where they are or who they are? Answers are on Page 10.

Cornell Press Has 1,000-Plus In-Print Titles

Nestled in three old stucco and timber houses on Roberts Place, near the Suspension Bridge, is a publishing house that last fiscal year broke the \$2 million mark in sales of its more than 1,000 in-print book titles. Included in the total were 86 new volumes.

The publishing house is Cornell University Press, established by A.D. White in 1869 as the first university press in the nation. Its mission, according to University Publisher Roger Howley, is to "publish books that contribute to scholarship or the dissemination of the results of scholarship."

Cornell University Press receives between 1,000 and 1,500 manuscripts or offers of manuscripts each year, from which it selects 75 to 85 for publication. About 25 percent of the volumes published in any year will be by Cornellians; the rest are from scholars elsewhere in the U.S. and abroad.

"We're discriminatory in the best sense of the word," Howley said. "We try to select books that will reflect well on the Press and on the University."

The list of offerings is particularly strong in the humanities and

social sciences — where scholars often opt to write books rather than journal articles — and in applied biology, an outgrowth of a private publishing venture by Cornell biologists John Comstock and Simon H. Gage that is now a division of the Press known as Comstock Publishing Associates.

All manuscripts selected for publication have been screened previously by the Press' procurement editors, reviewed by at least two scholars in the field (sometimes they are Cornellians, often they are from outside), evaluated personally by Howley, and finally approved by the Press' four-member faculty board of editors.

"It is unusual for Cornell Press books to be on the bestseller list, but not at all unusual for them to win national acclaim—including Pulitzer Prizes and National Book Awards," Howley said.

Howley is particularly pleased with two new scholarly books with broad appeal that he feels may capture national prizes: "Prodigal Father: The Life of John Butler Yeats (1839-1922)" by William M. Murphy, of Union College, and "Beast and Man: The Roots of Human Nature" by

Mary Midgley, of the University of Newcastle-upon-Tyne, England.

The Midgley book is one of 15 to 20 new books that the Press co-publishes with British firms each year and sells throughout North America. Co-publishing ventures were a way for the Press to offer the works of prestigious authors when the organization was small and growing, but the ventures proved so successful that they have continued, Howley said.

The Press also has a London marketing center, known as Cornell University Press Ltd, which promotes and distributes Cornell Press books throughout the British Isles, continental Europe, Africa, and the Mid-East.

"Many people think Cornell Press sells most of its books in the Campus Store," Howley said. "Actually 99 percent of our sales are outside of Ithaca and 16 percent of the sales are outside the country."

Even though the Press is considered an academic activity by the University, sales are its lifeblood. Although the University provides working capital for the Cornell Press, it is one of the few university presses in the country that receives no subsidy from the University. It mounts aggressive advertising and promotion cam-

paigns and employs a corps of commissioned salespersons who visit the nation's top bookstores in an attempt to win space for Cornell Press volumes among the 30,000 or more new books that compete for shelf space each year.

But inflation has put the Press in the classic cost-price squeeze. The costs of the goods and services needed by the Press can be increased more easily than the price of the books.

"Our books have long since been priced out of the reach of what should be our natural market — young scholars and students. We rely on sales to libraries, to serious general readers, as well as to scholars," Howley said.

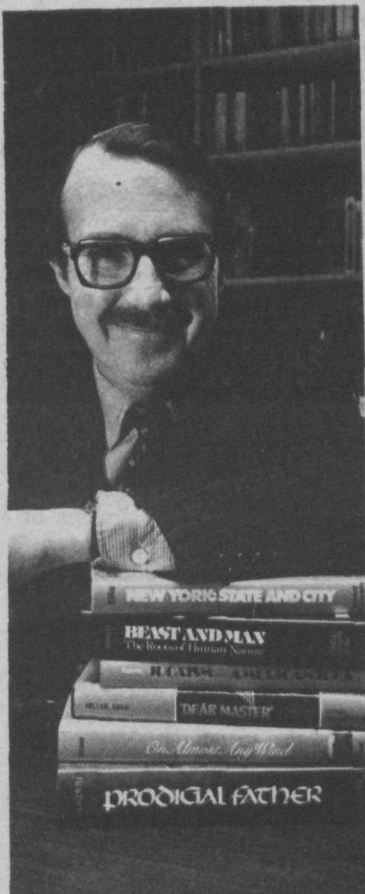
The Press also publishes about 5 percent of its books in paperback—a way to cut cost on books expected to have wide sales appeal. More than 150 books have been published in paperback since 1955.

Howley would like the Press to keep the financial autonomy that both he and the University have come to expect, but he admits, "We've had to run faster and faster to stay in the same place."

An exhibit of recent books published by the Press is in the main lobby of Day Hall through mid-March. Another exhibit is

planned for Olin Library later in the month.

— Connie Bart



Roger Howley and Products



Hockey Team to Boston

Big Red goalie Bryan Hayward puts the stopper on Providence's Steve O'Neill Tuesday night enroute to Cornell's heart-stopping 6-5 overtime victory in the Eastern quarterfinal game at Lynah Rink. The team will be in the Boston Garden Friday and Saturday nights for the ECAC Tournament. Tickets will be on sale at the Teagle Hall ticket office through 5 p.m. today and at the Garden Friday and Saturday. Cornell meets New Hampshire at 6:15 p.m. Friday, followed by the Boston University-Dartmouth game.

Women's Forum Attended by 250

More than 250 people attended the Fourth Annual Women's Career Forum last Thursday and Friday at the Graduate School of Business and Public Administration.

Eighteen executives from the United States and Canada took part in panel discussions and workshops dealing with the impact of women on both men and

women in the managerial community.

The forum was organized by women students in B&PA and funded by American Telephone and Telegraph, Arthur Andersen & Co., Bankers Trust, Chemical Bank, The Continental Group, General Mills Foundation, Morse Chain Division of Borg-Warner Co., and Ogilvy & Mather International, Inc.

Sheldon Court May Become All Student-Housing Complex

The University has decided to postpone its presentation to the Board of Trustees of a plan for the rehabilitation of Sheldon Court because a feasibility study has indicated that the combined residential-commercial use originally considered would be uneconomical.

As a result the University over the next two months will undertake an intensive investigation of the possibility of converting the entire structure to student housing and other university needs, in the process becoming eligible for low-cost government financing.

"Convenient and adequate housing for students is one of our biggest needs. The conversion of Sheldon Court to student housing will provide such housing. It is important to us now, and will be more so in the future," according to William D. Gurowitz, vice president for campus affairs.

If the building were used entirely for student housing, Cornell could be eligible for a low-interest loan from federal government sources. A decision on federal aid for Sheldon Court, however, could not be expected until fall.

"We want to act in the best interest of both the University

and the community," stressed Robert M. Matyas, vice president for facilities and business operations. He added that before a final decision on Sheldon Court is made, the University will weigh the cost of rehabilitation against the gains from outright sale of the building.

"We are hopeful that a rational, financially sound plan for

upgrading the facility can be devised. However, if between now and October it becomes apparent that such a plan cannot be implemented, we will put Sheldon Court on the market," he said.

In the interim, the University will provide basic life-safety modifications to the building to maintain the first floor tenants.

Management Development Program Planned Again

A Management Development Program "to encourage development of managerial staff talent" at Cornell University will be conducted once again this summer, according to Gerry Thomas, director of personnel development.

"A few selected individuals" will be chosen from nominations by deans and executive officers to be submitted by March 15, Thomas said. Interested employees are urged to contact their dean or executive officer. The final selection will be made by Provost W. Keith Kennedy and William G. Herbster, senior vice president.

Four programs attended by Cornell employees last year were the Institute of Educational Management at Harvard University, the Business Management Institute at Stanford University, the College Business Management Institute at the University of Kentucky and the Executive Development Program at Cornell.

"These programs are representative of the variety available," said Thomas, who added that questions regarding other programs should be directed to him at 256-5226 or 256-7400.

Cornell Chronicle 3
March 8, 1979

'Science and Society Need to Be Incorporated'

Editor:

During the past months the preoccupations of the Cornell Faculty, as sampled from the topics covered by the Chronicle, were primarily with the budget, the calendar and governance of the university; recently retirement policies resurfaced. It may prove salutary (possibly relaxing) to lay aside for a little while these very serious problems which focus on how much, when, and by whom, and to consider again "what". Arguments on the curriculum content are bound to recur. Such discussions generally lead to frayed tempers, because we do take our teaching mission seriously.

Generally, specifications of what constitutes a good education end up as a series of compromises which have a remarkably predictable periodicity of about a quarter of a century: broad vs. narrow distributions; strict vs. liberal elective options; definitions and redefinition of boundaries between disciplines; etc. Ultimately more or less arbitrary assignments of courses to

about half a dozen categories are made, and the problems are set aside for future resolution.

However, on review of the debates which occurred over many, many years in the faculty of the College of Arts and Sciences, there appears to be a remarkable consensus regarding one position. There is an almost unchallenged assumption that the physical and biological sciences require too much specialization from their majors and thus prevent their students from obtaining a full measure of a broad education. The corollary is that the humanities and the social science professors are the champions of a liberal education. That this is a false and indeed an inverted description of the actual situation has been expressed, albeit not too vociferously, by some of the science faculty, but then since their position is presumably self-serving one does not have to take them seriously.

The changes currently introduced in the core curriculum at Harvard brought this question once more to our attention. And

now a reputable social scientist has provided an unsolicited testimonial which (in my opinion) should be required reading before another debate on the curriculum is precipitated. I quote first from a letter by Charles A. Lave, from the School of Social Science, University of California, Irvine which was recently published in *Science* (Vol. 203, p.224).

"The highly asymmetric notion of 'education' embodied in the Harvard Core Curriculum (News and Comment, 8 Dec. 1978, p. 1063) perpetuates a historical accident. The humanists were the first to define 'education' long ago; and, not surprisingly, they defined themselves as the model of what ought to be. We are all still imbued with that old idea. We think it terrible if a person studies chemistry/ math/ physics and learns nothing of the humanistic side of the world. But no one looks askance if a person spends 4 years in history/ literature/ poetry and remains ignorant of the physical world.

"A science school such as

Caltech requires its students to spend one-quarter of their time in the humanities: that's what it means to be 'learned' after all. But is there a humanities department, anywhere, that believes it is important for people to comprehend the issues behind recombinant DNA research, or the trade-offs between nuclear and fossil fuels?

"Despite the increasing importance of science in our society, most people remain ignorant of even its simplest concepts. For such 'educated' people, the world operates as thought by magic; they are at the mercy of any random failure of a device or any dishonest technician. And we, in turn, are all at their mercy when they are asked to make policy decisions involving scientific matters.

"Those who will not understand science become, instead, its prisoners. Such people can feel smug in their cultural knowledge until the pilot light in the furnace goes out or until they are asked to use, or not use, a particular chemical compound, because of tests they cannot understand, performed according to the principles of a scientific methodology whose purpose they do not comprehend.

"Has our 'educated' poet really been liberated from the suffering of Chemistry I or merely been made the salve of a cancer quack?"

To this I add a brief selection from an older analysis presented by the well known historian, June Goodfield, published in the *Key Reporter* (Summer of 1977).

"The redemptive power of the humanities to produce an enlarged consciousness, to make us aware of the reality of our

human predicament, and to enlarge our sympathies, has been an important theme in Wordsworth, in Shelley and in many twentieth-century writers. I am skeptical about this assumption. People can be extraordinarily sensitive to music and poetry and not necessarily apply this sensitivity to their daily lives. It was with considerable surprise that I learned from Professor David Daiches that the people who went to the Globe Theatre and saw those marvelous dramas, with their rich poetry and their human understanding, would at the same place, in the same afternoon, watch a monkey tied to the back of a horse being chased by dogs who slowly bit it to death. I think it unfair and unwise to create a myth of the therapeutic power of the humanities. They are good in themselves and should not be regarded as remedies for our failings. I think, too, that we must not delude ourselves into believing that words and university courses are a substitute for human hearts and human action...I believe, that science and society can no longer afford to entertain myths and misunderstandings about each other, as the present public debates about recombinant DNA reveal. Public understanding of science is as essential as ever it was in the early days; and there is, too, the other side of this coin, the scientist's need to understand the public. When the one is truly incorporated into the other, non-scientists will appreciate the humanity that has in fact always been present in science."

Simon H. Bauer
Professor Physical Chemistry

Ugly Man Contest Fosters 'Suffering'

Editor,

I do not really have the time to be writing this, but neither have I the lack of conscience to permit me the so often used luxury of apathy and silence. It is not so much the volume of suffering supported by this university in, for example, South Africa or Mississippi which brings this outcry, but rather the glee with which some of the members of this community look toward suffering. A university renowned for its suicides need hardly look further in its supposed search for causes than the existence of an 'ugly man' exhibition and its support by the university's most forthright concerns. The persistence of this enterprise for nearly three decades is testimony not only to the avarice and amorality of the institutions comprising Cornell University, but of the thoughtless mischief of its members as well.

For every one of those who have dropped a nickel in The Chest Fund only at the enticement of holding the power of increasing the misery of another, I hope at least that you shall have the opportunity to benefit from your money. For the institutions which have, in the name of decreased suffering, given their names to this venture, I suggest that the glaring contradiction in

your stand has generated less money than it has repulsed—for everyone of those beguiled by this attack on their security to contribute a nickel, there is one or two like me who shall never consider aiding your organizations for their attack on my sensibilities. For the administration of Cornell University, I recommend a closer evaluation of the sources of the notoriety which this university seeks. As certain as I am that this is merely a single symptom, I am equally certain that the malady of human misery has not persisted this long and will not persist in the future without frequent injections of implicit support from the institutions which govern our existence. For those who share my revulsion for this most blatant of human indecencies, I suggest that your voice has too long been silent.

In closing, I had heard of the days when the fattest of the Jews were made to race naked through the streets alongside the prostitutes on the day of the spring equinox. I had heard of the flabby Pagans tripping up the fat racers and then going to pay tribute to Ashtarte with the prostitutes. I am stunned today, as I was then, not only by the act, but by the name in which the act was perpetrated. That name, you

may observe, perished. The dignity of the persecuted remains in legend. I pray that despite not learning from History, it shall, for our sakes, repeat itself.

Troy Shinbrot

Campus Chest Responds

Editor:

In reply to Mr. Shinbrot's letter, I hope I understood his verbiage better than he obviously misunderstood the article in the Feb. 22 Chronicle.

First let me address a few factual misunderstandings. To my knowledge, none of the nine contestants has of yet committed suicide. Moreover, some of the contestants whom I talked to expressed glee at being nominated. Also, while the Campus Chest Drive has been run for almost 30 years, the 1979 Ugly Man on Campus contest was the first of what I hope will become a Cornell tradition. Finally, the administration of Cornell had no connection with the contest. Both the Chest Drive and the Ugly Man contest were run by Alpha Phi Omega, an independent student organization.

On a more philosophical note, I believe that anyone who voted in the Ugly Man contest did so not for the thrill of seeing the misery of another, but did so in jest and with the realization that their money would go to good use. Those who felt, as Mr. Shinbrot did, that the contest was miserable and degrading could have made a contribution to the Campus Chest in other ways.

It would be nice if the Cornell community would respond to the Campus Chest drive on its own merits without the use of catchy slogans or exciting contests. However, until that time comes, Alpha Phi Omega will use any promotional gimmick necessary to raise funds for this worthy cause. To Mr. Shinbrot, I hope you will allow yourself the time to see that everything need not be done with the utmost seriousness; since the malady of human misery is likely to persist, the ability to laugh in its face might be the preservation of happiness.

Steve Siegert '79
President, Alpha Phi Omega

Accept Challenge to Serve

Editor:

This message is to encourage employees to petition to run in the upcoming election. Two seats are to be filled by employees on the Campus Council and one seat is to be filled by an employee on the University Board of Trustees. Petitions and instructions for petitions are available in the Campus Council Office, 133 Day Hall. Why not accept the challenge to serve the University and your co-employees by submitting a petition!

The actions of The Campus Council and its several committees do affect very much the affairs of employees. The Campus Council is where the action is. It is respected by the adminis-

tration. Its recommendations are taken seriously because it has earned credibility.

Employee elections will be by the Hare system which is designed to increase the chances of electing someone who is the most acceptable to the majority without the expense of run-off elections. Don't shy away from the election because you don't understand the specifics of the Hare system.

Remember that Cornell is perhaps the most unique University in the world. It is believed that no other institution of its kind accepts employees on its Board of Trustees. Why not be one of the candidates to fill the vacant employee seat on the board? Here is an important opportunity to serve.

George Peter

Job Opportunities

Continued from Page 2

- Dining Manager II, CPO5 (Dining Services)
- Res. Supp. Spec. III, CPO5 (Hum. Dev. & Fam. Studies, Syr.)
- Admin. Manager II, CPO5 (Cornell Plantations)
- Admin. Manager II, CPO5 (Agric. Economics)
- Space Coordinator, CPO4 (Design & Project Mgmt.)
- Admin. Manager I, CPO4 (Finance & Business Office)
- Staff Writer II, CPO4 (Media Services)
- Reg. Director I, CPO4 (Public Affairs, Mid-Atlantic)
- Student Dev. Spec. I, CPO3 (COSEP, State Programs)
- SDS II, CPO3 (Dir. of Instruct., CALS-Minority Program Office)
- Staff Writer I, CPO2 (Computer Services)
- Dining Spvr., CPO2 (Food Science)
- * Technical Asst. A-18 (Ctr. for Radiophysics & Space Research)
- PART-TIME AND/OR TEMPORARY POSITIONS
- * Temp. Svc. Clerical (Financial Aid, temp. ft)
- * Temp. Svc. Clerical (Vet Admin.-Computing Facility, temp. pt)
- * Temp. Svc. Clerical (Residence Life, temp. pt)
- Admin. Aide I, A-15 (Arch., Art, Plann., 10 mos. 24 hrs. week)
- Admin. Secy., A-15 (Neurobiology & Beh., temp. ft)
- Dept. Secy., A-13 (Engineering Dean's Office, temp. ft)
- * Library Asst. II, A-12 (U. Libraries, Olin, temp. pt)
- Stat. Typist, NP-7 (Sect. of Physiology, perm. pt)
- Steno II, NP-6 (NYSSILR, perm. pt)
- Steno I, NP-5 (Entomology, 1 year, pt)
- Temp. Svc. Svc. (Campus Store, casual)
- * Maint. Mech., A-16 (Univ. Unions, WSH, 3 mos. ft)
- * Temp. Svc. Tech. (Diagnostic Lab, temp. pt, poss. of perm.)
- Temp. Svc. Tech. (Lab of Nuclear Studies, temp. ft)
- Temp. Svc. Tech. (Biological Sciences, perm. pt)
- * Lab Tech., NP-8 (Poultry Science, perm. 30 hrs. week)
- Research Aide II, A-16 (Psychology, perm. pt)
- Systems Programmer III, CPO5 (Computer Svcs., 1 yr.)
- Systems Programmer II, CPO4 (Computer Svcs., 1 yr.)
- * Res. Supp. Spec. II, CPO4 (NYSSILR, 6 mos. ft, poss. of cont.)
- Regional Director, CPO4 (U. Develop., Cleveland, pt)
- Systems Programmer I, CPO3 (Comp. Svcs., 1 year)
- Temp. Svc. Prof. (Hum. Dev. & Fam. Studies, temp. pt)
- Temp. Svc. Prof. (Communication Arts, temp. pt)
- Res. Supp. Spec. I, CPO3 (Preventative Med., NYC, perm. pt)
- Res. Supp. Aide, CPO2 (Education, temp. pt)
- Editorial Asst. I, NP-10 (Media Services, perm. pt)
- ACADEMIC-FACULTY POSITIONS (Contact Department Chairperson)
- * Lecturer (Hum. Dev. & Fam. Studies)
- * Librarian II, CPO7 (Albert R. Mann Library)
- Asst. Prof. (Technical Director)(Theater Arts)
- Visiting Asst. Prof. (Scene Designer)(Theater Arts)
- Asst.-Assoc. Prof. (Theater Arts)
- Lecturer (Biochem., Mol. & Cell Biology)
- Faculty Position-Housing (Dept. of Design & Environ. Analysis)
- Sr. Asst. or Assoc. Librarian (U. Libraries, Music)
- Postdoc. Fellowship (Neurobiology & Behavior)
- Asst. Prof. of Pomology (Pomology & Viticulture, Geneva)

Community Seeks Volunteer Help

BY MARY McGINNIS
COORDINATOR, CIVITAS (256-7513)

VIDEO DOCUMENTARY ON SENSORY INTEGRATION: Occupational therapist at Willard Psychiatric Center is seeking volunteer or team of volunteers to produce 30 minute video tape on progress of patient undergoing therapeutic program in sensory integration. Commitment of 6-8 weeks required. Volunteer or team must have skills in script writing and camera technology, but knowledge of occupational therapy not required. This is a solid, valuable volunteer experience for anyone interested in production of video tape documentaries. Car necessary.

LOCAL CANCER SOCIETY NEEDS HELP WITH THESE TASKS: Office receptionist from 2-5 p.m. daily; accounting, filing systems; assembly of kits; organization of special events; soliciting for funds during cancer crusade in April; selling of tickets in local banks for concert in April by West Point Glee Club; runners, sponsors and organizers for "Run-A-Thon" in early April. Sign up now before going home for Spring break.

DOWNTOWN PRESCHOOL DROP-IN DAYCARE CENTER: Volunteers needed to provide special activities (music, crafts, dramatics for example) for children, generally around 3 years old. Mon.-Fri., between 9-1:30, on regular basis or now and then.

FORMER CORNELL STUDENT IN LONG-TERM CARE FACILITY: Iron lung patient would welcome visitors on weekends to play table games, chess, cribbage. Also group is sought to play "Dragons and Dungeons." Hours extremely flexible.

VOLUNTEERS IMPORTANT TO WORK OF SHELTERED WORKSHOP: Local community-based, non-profit corporation that offers disabled (the physically handicapped, the mentally and emotionally handicapped, the alcoholic, the narcotic addict and the socially and culturally deprived) individuals professional services such as vocational evaluation, personal adjustment training, selective placement, and sheltered employment depends upon volunteers. Helpers supervise clients in the production of client newspaper. They work with clients in one to one situations, tutoring them in basic skills such as telling time, making change, spelling and reading. Business skills are assets for volunteers, and their avocations (sewing, recreation, handicrafts, to name a few) are equally important to client programs. Come to CIVITAS or call us, and we will put you in touch with the appropriate person.

SCHOOL VOLUNTEER NEEDS: 1) Ithaca High School still seeks math and science tutors to meet with students on or off Cornell campus at mutual convenience of student and tutor; 2) Junior High School seeks helpers knowledgeable in lighting and set design for production of Peter Pan. Evenings at Ithaca High School.

ARE YOU LOOKING FOR A GROUP PROJECT AND DON'T KNOW HOW TO FIND ONE? Every Spring CIVITAS gets requests for group projects of varying kinds. We are currently assembling our list, so come talk to us and let us help you plan ahead. Be ready to go right after Spring break.

TO RESPOND: PLEASE CALL CIVITAS (256-7513) Mon. to Fri., 10-2, or drop in 125 Anabel Taylor Hall during these hours.

Grants Are Available For Study of Europe

Graduate students conducting research concerned with social, economic, political and/or cultural problems of modern Europe are invited to submit applications for small grants being offered by the Western Societies Program.

The grants are to be used for travel to conduct field research abroad and for procurement of research materials which will eventually be deposited in Cornell's research facilities.

Applications should include a broad description of the project and a description of the grant's purpose. The applicant should

also indicate what other research support, if any, is being sought for the same period.

A letter from the chairperson of the applicant's special committee evaluating the student's work and the proposal should also be sent.

Applications and supporting letters should be sent to Steven Kaplan, Department of History, 450 McGraw Hall. Application deadline is Friday, March 30. For further information, applicants may call Cindy Pike-Rattray, 256-6225.

'Dialogue of Renewal' Will Be Topic at Sage

Douglas V. Steere, the T. Wistar Brown Professor of Philosophy, emeritus, at Haverford College, will be the speaker at the Sage Chapel Convocation at 11 a.m., Sunday, March 11. His topic will be "Dialogue of Renewal."

Steere taught at Haverford for more than 35 years and has been a visiting professor and lecturer at numerous colleges, universities and seminaries. He holds undergraduate degrees from Michigan State University and Oxford, where he was a Rhodes Scholar. Steere received his Ph.D. from Harvard University in 1931.

In 1945, Steere organized Quaker Relief work in Finland and made first investigations for the American Friends Service Committee's work in Poland and Norway. He served with the AFSC as senior personnel in Europe, Africa, Asia and the Middle East.

He has served on committees with the National and World Council of Churches, the Fellow-

ship of Reconciliation and was chairman of the Board of Managers of Pendle Hill, a Quaker community in Wallingford, Pa., from 1954 to 1970.

Steere is the author of numerous books including "Prayer and Worship," "On Listening to Another" and "Work and Contemplation." His books deal mainly with the contemplative process.

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



Last Minute Practice

Members of the cast of 'Princess Ida' are pictured in the final stages of rehearsal. The Gilbert and Sullivan opera opens Friday, March 9 and runs through Sunday, March 11, in the Alice Statler Auditorium.

Savoyards Present 'Princess Ida'

The Savoyards' production of "Princess Ida" opens Friday, March 9, in the Alice Statler Auditorium at Cornell University. Performances are at 8:15 p.m. Friday through Sunday and a 2 p.m. matinee Sunday, March 11. "Princess Ida," written in 1883 by Gilbert and Sullivan, is based on a poem by Tennyson. It was also a Savoyards production in 1958 and 1973.

The group, which presents only Gilbert and Sullivan operas, is currently in its 26th year of existence.

"Princess Ida" is being directed by Frank Bartolucci. David M. Van Leer is musical director and set designer is Willy Pierce. Leading roles are being played by Judy Berry, David Usher, David Wyatt and Fred Ahl.

Tickets, priced at \$4 for Friday and Saturday performances, and \$3 (matinee) and \$3.50 (evening) for Sunday, are on sale at the Alice Statler Auditorium box office. Phone orders can be made by calling 256-7263. Tickets for all performances will be available at the door.

Specialist to Speak On Music, Culture.

A specialist on the music of various cultures will deliver two lectures at Cornell University on Tuesday, March 13, and Wednesday, March 14.

Frank Llewellyn Harrison, professor of ethnomusicology at the University of Amsterdam, will speak on March 13 on "Observation, Elucidation, Utilization: Western Attitudes to Eastern Musics" at 4:15 p.m. in Barnes Hall Auditorium.

On March 14, he will discuss "Carmina Burana and Some Aspects of Medieval Song" at 3:30 p.m. in 116 Lincoln Hall.

Harrison's appearances are co-sponsored by the Society for the Humanities and the Department of Music. His opening talk is the sixth in a 10-part, year-long series of lectures and colloquia on "Cultural Impact: East Meets West" sponsored by the society.

In his research, Harrison seeks to "look further than has been customary in investigating the various aspects of music as an expression of an individual in his social context."

"Harrison's own scholarship exemplifies this ideal," according to Michael Kammen, director of

the society. "His book 'Music in Medieval Britain' and his most recent work, 'Time, Place and Music: an Anthology of Ethnomusicological Observation c. 1550 to c. 1800,' are unique contributions to knowledge, bringing new information to experts in special fields of music but also to any student of social and cultural history."

The Arts

Two Concerts Scheduled For Weekend

Music of the 16th and early 17th centuries will be performed by the Cornell Collegium Musicum at 8:15 p.m., Saturday, March 10, in Barnes Hall.

Unusual early instruments will be introduced in the program of fanfares and battle music, songs and variations.

John Hsu will be the conductor.

In a second concert scheduled for the weekend, works by Bartok, Webern and Dvorak will be performed by the Colgate University Madison String Quartet at 4 p.m., Sunday, March 11, in Barnes Hall.

Vivien Harvey Slater, piano, will be the guest artist.

Both concerts are free and open to the public.



PETR KOTIK

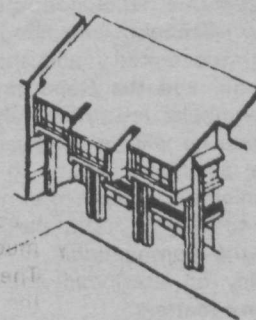
'Music by Duchamp' Is Subject of Kotik Talk

Petr Kotik, a composer and the director of the S.E.M. Ensemble of Buffalo, will speak on the musical work of Marcel Duchamp at 8 p.m., Wednesday, March 14, in Kaufmann Auditorium.

Kotik's lecture, "Music by Marcel Duchamp," deals with Duchamp's compositional sys-

tem and problems of realization and interpretation, as well as phenomena of composition by non-musicians, especially by samples of S.E.M.'s recording of Duchamp's musical work.

The lecture, which is free and open to the public, is being sponsored by Cornell's Herbert F. Johnson Museum of Art.



Appointments, Honors and Awards

David Ahlers, Teaching Award

David M. Ahlers, a professor in the Graduate School of Business and Public Administration, has been awarded a Touche Ross New Perspectives Award in recognition for "bringing real life experience into the classroom."

Ahlers was specifically honored for his business policy course in which students look at actual problems of inventors or small businessmen. During the past two years, students have helped entrepreneurs and inventors market, finance, and capitalize such items as a solar cell, an electronic price display, a gas grill, and powdered cocktail mixes.

A former Wall Street banker, Ahlers was disturbed by the number of theoretical courses that management schools offer. "It occurred to me, he said, "that most B-Schools are really unrelated to the world of business I had just recently left. I wanted to show students that business is more than exams and math. I wanted them to learn, too, that business was fun."

Alan M. Gunn, Law School

Alan M. Gunn has been elected professor in the Cornell University Law School.

A specialist in federal income taxation, he was graduated from the Cornell Law School in 1970. He worked two years as an associate in the Washington, D.C. law firm of Hogan & Hartson before joining the faculty at Washington University School of Law, St. Louis, Mo. He was on the faculty there until 1976 when he became an associate professor at Cornell.

Born in Syracuse, he graduated with a bachelor of science degree from Rensselaer Polytechnic Institute in 1961.

Gunn is a member of the American Bar Association and serves on Cornell's Faculty Council of Representatives.

George A. Hay, Economics, Law

George A. Hay, director of economics for the Antitrust Division of the U.S. Department of Justice has been elected a tenured professor in both the Law School and the Department of Economics in the College of Arts and Sciences, effective July 1.

A visiting professor at Cornell during the 1977-78 academic year, Hay has been with the Department of Justice since 1972. As chief economist for the Antitrust Division, Hay directs a staff of 40 professional economists. In addition to participation in antitrust cases, Hays' office has played a major role in the Administration's regulatory reform effort and in other Presidential initiatives.

"Hay is an outstanding economist with a national reputation," Law School Dean Roger C. Cramton stated, "and the Law School and the Department of Economics are extremely fortunate he will be joining us. He has a unique ability to communicate complex economic theory to lawyers and to participate in the formulations of public policy on economic and regulatory matters."

Hay's major fields of interest

are industrial organization, microeconomic theory, econometrics and public finance. His articles on these subjects have appeared in such journals as the "American Economic Review," and the "Quarterly Journal of Economics."

He received a Brookings Institution Dissertation Fellowship for 1966-67 and in 1975 was awarded the U.S. Attorney General's Special Commendation Award for Outstanding Service in the Antitrust Division.

Hay was a part-time visiting professor at the University of Virginia in 1976 and was an assistant then associate professor at Yale University in the years 1967 through 1974.

In addition to teaching in the Law School and the College of Arts and Sciences, Hay will be associated with the Center for Study of the American Political Economy. He attended LeMoyne College and holds master's and doctoral degrees from Northwestern University. Hay is 37.

Marion Minot, Human Ecology

Marion E. Minot has been elected professor in the Department of Community Service Education in the State College of Human Ecology.

After receiving her doctorate at Cornell in 1966, Minot's main responsibility has been as coordinator of the Home Economics Education Program. Working in curriculum revision, teaching, supervision and administration, she brought the program national visibility and has attained recognition as an outstanding leader in home economics education.

In 1977, she organized a national conference "Living in America: Home Economics Education for the Third Century." Recently she worked with the National Institute of Education in Washington, D.C., planning the review and evaluation of consumer and homemaking education program.

Douglas Paine, Meteorology

Douglas A. Paine has been elected associate professor of atmospheric sciences, with tenure, on a half time basis, in the State College of Agriculture and Life Sciences effective Dec. 1.

Paine received his B.S. and M.S. degrees at Pennsylvania State University, and his doctorate at the State University of New York at Albany in 1971. Since coming to Cornell in 1971, he has developed and taught several undergraduate and graduate courses in atmospheric sciences, and he oversees the course sequence in meteorological communications.

As forecaster for the Cornell weather service, Paine is widely known by public and safety officials in New York State as an authoritative source of weather information and forecasts. He and his students have worked around the clock to keep the public informed of hazardous weather developments.

Gene Wheeler, Associate Bursar

Gene R. Wheeler, a budget and payroll officer here since 1975, has been named associate bursar at the University, according to M. Jean Merwin, Cornell bursar.

Wheeler begins his new duties

this month after serving since 1976 as an assistant budget administrator. The position of associate bursar had been unfilled since 1977 when Merwin left that spot to become bursar, she said.

During 1975-76, Wheeler was payroll supervisor at Cornell.

After graduating from Clarkson College of Technology in 1970, Wheeler spent four years in the Army as a finance and accounting officer. He is now a candidate for an M.B.A. degree in the Graduate School of Business and Public Administration at Cornell.

In addition to graduate work at the University of Alaska and in Cornell's Graduate School of Education, Wheeler taught "Using the Computer as a Management Tool" for Cornell's Personnel Services Employee Development Program in 1976-77.

Wheeler lives in Breesport with his wife and three children.

Dorothy Nelkin, President of 4S

Dorothy Nelkin, professor in the Program on Science, Technology and Society and the Department of City and Regional Planning, recently was elected president of the Society for the Social Studies of Science (4S) at its annual meeting in Bloomington, Ind.

This professional society was formed three years ago under the leadership of Robert Merton as a way to further communication among scholars involved in the interdisciplinary study of science, a relatively new field which engages scholars in sociology, history, philosophy, political science, psychology, science policy and anthropology. The Society's first annual meeting was held at Cornell. It now has about 500 members, publishes a quarterly newsletter and runs an annual meeting.

Ravindra Sudan, IEEE Fellow

Ravindra N. Sudan, the IBM Professor of Engineering and Applied Mathematics here, has been elected a Fellow of the Institute of Electrical and Electronics Engineers.

The IEEE, the world's largest professional engineering society with more than 130,000 members, cited Sudan "for contributions to plasma theory and to graduate engineering education in plasma science."

Sudan has been director of Cornell's Laboratory of Plasma Studies since 1975. He joined the Cornell engineering faculty in 1958.

Sudan did his undergraduate work in Lahore (now in Pakistan) and Bangalore, India, and received the Ph.D. degree in electrical engineering from Imperial College, London, England, in 1955.

William Drake, FAA Degree

William E. Drake, professor of agriculture and occupational education at the State College of Agriculture and Life Sciences, has been presented the highest Future Farmers of America degree.

Drake received the Honorary American Farmer Degree at the recent annual meeting of the FFA in Kansas City, Mo., in recognition of outstanding service to the organization. He has been active in FFA as a member,

supporter and counselor for nearly 40 years and has received a number of their awards starting with the Green Hand Degree as a high school student. This year, he served on the national committee to select the FFA Star Agribusinessman of America.

At Cornell, he is coordinator of agricultural and occupational education at both the undergraduate and graduate levels.

Sweet, Majek, Hughes Honored

C Cornell weed scientist and two graduate students were honored by the Northeastern Weed Science Society at its annual meeting held recently in Boston.

Robert D. Sweet, chairman of the Department of Vegetable Crops in the State College of Agriculture and Life Sciences at Cornell University, was named a "Distinguished Member" of the Society.

The honor, presented for the first time this year, recognizes Sweet for his outstanding contributions to the Society for the past 33 years and entitles him to a life membership in the organization.

In the Society's graduate student paper competition, the first place award of \$100 went to Bradley A. Majek for his paper titled "Seasonal Field Development of Quackgrass. Betty J. Hughes, a graduate student in vegetable crops, was the runner-up and received the \$50 award for her paper on "Living Mulch: A Preliminary Report on Managing Grassy Cover Crops in Vegetables."

David Caughey, AIAA Award

David A. Caughey assistant professor of mechanical and aerospace engineering, has been recognized for outstanding research by a scientist under 35.

He has been awarded the Lawrence Sperry Award by the American Institute of Aeronautics and Astronautics for developing computer codes now being used by industry and the National Aeronautics and Space Administration in the design of aircraft.

Caughey, who is 34, received a medal and a citation which reads in part: "For outstanding contributions towards the efficient numerical computation of transonic flow fields about complex configurations of practical significance."

A specialist in aerodynamics, transonic flow, sonic boom, and fluid dynamics, Caughey came to Cornell's Sibley School of Mechanical and Aerospace Engineering in 1974 as a visiting assistant professor and was appointed to the regular faculty the following year. He studied at the University of Michigan for the B.S.E. degree in aeronautical and astronautical engineering, granted in 1965, and received the Ph.D. in aerospace and mechanical sciences from Princeton University in 1969. The following year he was a National Science Foundation Exchange Scientist in aeronautics at the Soviet Academy of Sciences in Moscow. Beginning in 1970, he spent four years in aerodynamic research at the McDonnell Douglas Corp.

Bouldin, Crowder Named Fellows

Two professors in the State College of Agriculture and Life Sciences, David R. Bouldin and Loy V. Crowder, have been named fellows of the American Society of Agronomy. Bouldin was also named a fellow of the Soil Science Society of America.

The two societies, along with the Crops Science Society of America, held their 70th annual meetings in December in Chicago. Each society awards fellowships on the basis of professional achievements and meritorious service. The awards are the highest bestowed upon members.

Bouldin is a professor of soil science in the agronomy department. He has received degrees from Kansas State University and Iowa State University. Before coming to Cornell in 1962 he was a soil chemist for the Tennessee Valley Authority. He is currently involved with research on the chemistry of the plant root-soil region, and teaches undergraduate and graduate courses.

Crowder is a professor of plant breeding and international agriculture. He teaches a course in introductory plant genetics and in problems of tropical agriculture. In April 1978 he was awarded a grant by the State University of New York, in recognition of his excellence and innovation in teaching. His research is concerned with the development of field mustard plants as a genetic organism for laboratory exercises.

Theodore Hullar, Associate Director

Theodore L. Hullar, a leading administrator of environmental programs in New York State in recent years, has been appointed an associate director of research at the State College of Agriculture and Life Sciences and associate director of the Agricultural Experiment Station.

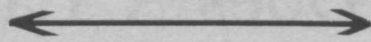
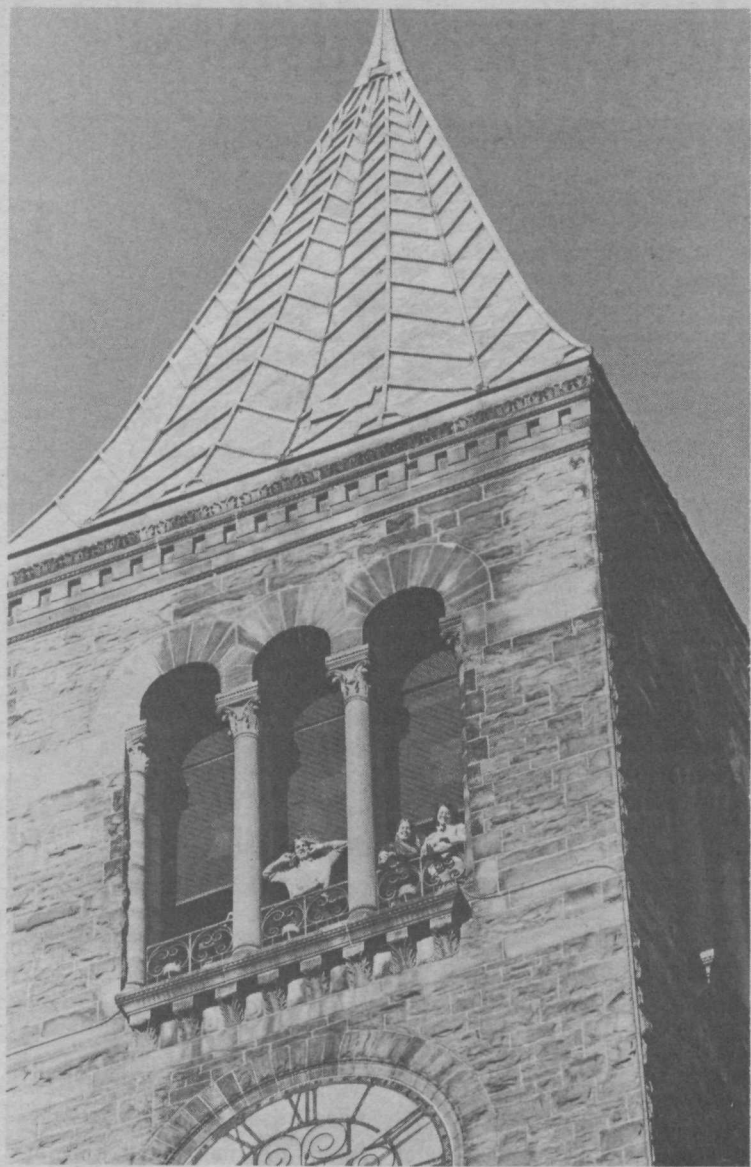
An associate director, Hullar will assist scientists in developing and obtaining support for research programs in the social sciences at the college. In addition, he will plan and coordinate interdisciplinary research projects dealing with energy and environmental issues and water resources.

C.D. Saudek, Fellowship

Dr. Christopher D. Saudek, director of the clinical research center adult unit at the Cornell Medical College, is one of six winners of the Institute of Medicine's Robert Wood Johnson Health Policy Fellowships for 1979-80.

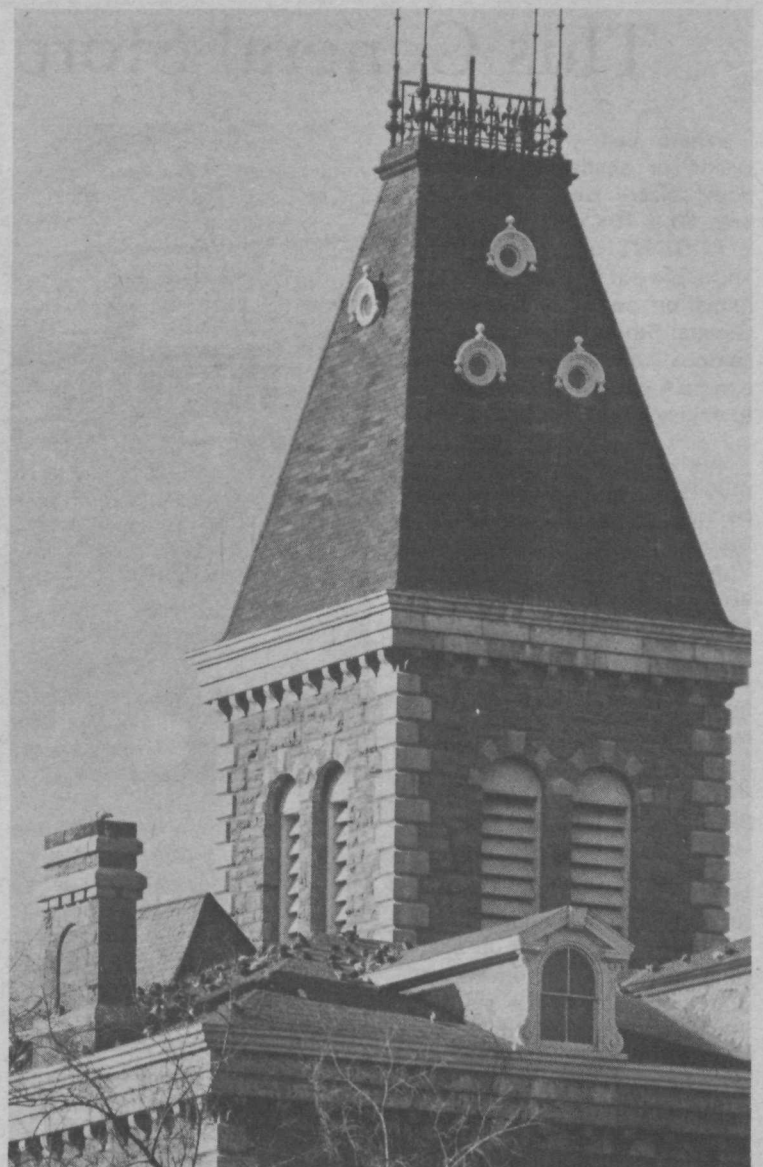
The fellowships, which provide for a year's study and congressional work assignments in Washington, D.C., are designed to foster an awareness of government health activities among faculty members in health professional schools and to create more constructive relationships between health professional schools and the government.





Two McGraw Towers

These two structures often confuse many members of the Cornell community, which is not surprising since each is commonly referred to as McGraw Tower. The photo above is the famous McGraw Tower atop Uris Library. In past years it was also known as the Clock Tower of the University Library. The photo below is the McGraw Hall Tower where bells once hung and which once had clocks, one on each face, just below the small, round windows.



Wolf Book 'A Must'

The basic philosophy of one of the world's leading management consultants is disclosed by a Cornell professor in a book described by one reviewer as "remarkably revelatory."

"Managing and Consulting: An Introduction to James O. McKinsey" is the book written by William B. Wolf, professor in the New York State School of Industrial and Labor Relations at Cornell. The book was published by the ILR Publications Division.

A highly favorable review in Consultants News by James H. Kennedy said Wolf's book "must be considered essential reading for management consultants of all stripes." McKinsey, the subject of the book, was an early management theorist and the founder of one of the country's most successful consulting firms, McKinsey & Co.

Wolf's book "...puts more perspective on this consulting giant than even (McKinsey himself...) would have ever thought possible," according to Kennedy. Wolf has reviewed McKinsey's writings and interviewed people who were close to him.

New Hotel Teaching Plan Already Showing Results

A new program at the School of Hotel Administration aimed at encouraging the teaching of hotel and restaurant-related courses at community colleges is already showing results.

Susan Baker, the first graduate student to teach in the program, which is funded by a \$56,000 annual grant from the Statler Foundation, is now convinced she ought to make teaching her life's work.

Officials at the school where she taught last fall, Luzerne Community College in Nanticoke, Pa., agree. They say she has proven to be a capable teacher and had excellent rapport with students and faculty. Because of the success of the courses, Byron E. Myers, dean of academic services at Luzerne, says the school plans to maintain its expanded offerings of hospitality courses.

Baker is from the Ithaca area, a 1978 graduate of the Hotel School and now a candidate for a master's degree in professional studies. She is the daughter of Dr. and Mrs. Robert W. Baker of Cayuga Heights.

After her experience at Luzerne, which involved developing and teaching courses in meat

Human Ecology Dean Reorganizes Office

The dean's office of the State College of Human Ecology has been reorganized.

Dean Jerome M. Ziegler said, "First, I seek to clarify and consolidate functions in the interest of producing greater focus of effort. Second, I wish to give fresh visibility to certain functions which I believe are of importance to our college in the years ahead."

A Division of Student Services was created to replace the Academic Services Division. Assistant Dean William Gauger is the director of the new division which includes academic administration, counseling, career plan-

ning, special educational projects, records and scheduling, placement, and field studies.

Ziegler said he expects the Placement Office to improve recruitment of students to the college, as well as bring to campus representatives of public and private agencies and organizations which hire graduates of the college.

The Admissions Office has been separated from other functions to place greater emphasis on recruitment and admissions. The director of this office has not been named.

An Institutional Studies Office, directed by Gauger, has been established to provide data and analysis in areas of college operations needed for good planning, such as enrollment projections, student populations and composition, test data, resource allocation, equipment and capital needs in the years ahead.

The Instructional Resources Office has been established to increase instructional resources available to faculty. Nevart Yaghlian is director of the office.

Special Educational Projects Director Clarence Reed continues to report to the dean, but SEP has become part of the new Student Services unit. The director serves as an adviser on minority students' education.

Along with the Student Services Division, a new Division of Administrative Services has been created which consolidates a number of functions. Nancy Meltzer was appointed assistant dean in charge of the division, which includes the budget, personnel (faculty and staff) and administrative matters, alumni affairs, affirmative action, and college development.



Anthropologist Douglas Joins Humanities Board

British anthropologist Mary Douglas has joined the External Advisory Board of the Society for the Humanities, replacing philosopher Charles Frankel.

"Having Mary Douglas accept this position is truly a coup for the society and for Cornell," according to Michael Kammen, director of the society. "It means that one of the most exciting and outstanding anthropologists in the world will now have a working association with Cornell—and that is a wonderful prospect."

Douglas, whose work has been influential in literature, sinology, history and sociology as well as anthropology, will give a public lecture and colloquium at Cornell in late April.

The External Advisory Board evaluates nominees for faculty fellowships at the society and makes the final selection. It also serves the society in a general advisory capacity.

In addition to Douglas, board members are Neil Harris, pro-

fessor of history at the University of Chicago and former director of the Humanities Institute there; Helen North, the Kenan Professor of Classics and chairman of the Department of Classics at Swarthmore College, and Ronald Paulson, professor of English and the history of art at Yale University.

Douglas, who has done much of her research on Africa, has been director for research on culture at the Russell Sage Foundation since 1977. It is her first position in the United States after teaching in Africa and England for close to 30 years.

She is the author of four books and the editor of four others. Her best known works are "Purity and Danger" and "Natural Symbols: Explorations in Cosmology." Both books have been translated into eight languages.

Among her many appointments she has been the Munro Lecturer at Edinburgh University, the Aquinas Lecturer at Oxford University and the Gildersleeve Lecturer at Barnard College.

Shoals Marine Laboratory Offers Summer Courses

Credit courses in marine science and related topics will be offered this summer by the Shoals Marine Laboratory on Appledore Island off the coast of Maine. The courses are open to current or former students of any accredited college or university; applicants are selected on a competitive basis with preference given to those considered most likely to profit from course work at the laboratory.

The following courses are offered this summer:

May 24-30: Anatomy and Behavior of the Gull.

May 31-June 27 or July 26-Aug. 22: Field Marine Science.

June 5-18: Invertebrate Embryology.

July 5-11: Field Marine Science for Teachers.

July 12-18: Coastal and Oceanic Law and Policy.

July 12-25: Underwater Research.

July 26-Aug. 8: Chemical Oceanography in the Field.

Aug. 9-29: Field Phycology.

One course, Research in Biology, may be elected for from one to three weeks with credit to be arranged.

The laboratory also offers two- and three-day non-credit courses for adults on specific marine topics and sponsors a 12-week, 16-credit Sea Semester aboard the schooner Westward In cooperation with the Sea Education Association.

Applications and additional information regarding course costs, credits and prerequisites may be obtained by writing to Shoals Marine Laboratory, G-14 Stimson Hall, Cornell University, Ithaca, N.Y. 14853, or by telephoning (607) 256-3717.

This General Store Does A Land-Office Business

Where can you go to get xylene or pestles or a curved nose seizer? How about a pot prec 10 tr 10K or a plug banana BLK GIANT or a hilti piston? These are but a few of the 6,200 items on stock at the Cornell General Stores which serves the campus community from 7:15 a.m. to 4 p.m. every day Monday to Friday.

And serve the Cornell community it does. With a staff of 22 persons under the direction of Manager Leslie Cotterill and Alga Vose, assistant manager, General Stores averages some 300 satisfied customers a day. A phone call order if placed first thing in the morning will usually bring delivery by that same afternoon. Three trucks load and deliver and reload again for daily double runs to keep the flow of goods supplied to the University.

Even such a far-off campus area as the Geneva Experiment Station sends its own truck down once a month to load up at the General Stores. No wonder, then, that the Stores' gross sales for 1977-78 topped \$2.5 million. With the new Boyce Thompson building on campus, Cotterill expects the current sales year to go up another 10 percent.

Figures from last year's computer readout on merchandise sold at General Stores are somewhat mind-boggling. How about 85,600 pencils, 1,248,000 paper clips (that's 24.62 miles of



Some of the staff members of General Stores are (from left) Steve Todd, Mark Sawyer, Irv Raymond, Dave Georgia, Ed Mente, Dave Baylor, Rudy Nurmi, Wes Pendell, Bill Beck, Joe Benedict, Lou Dunn, Vince Mikulec, Frank Frost, Assistant Manager Alga Vose and Manager Les Cotterill.

paper clips, or about enough to go from here to Pennsylvania if you placed those clips end to end). Would you believe 19,130,000 IBM cards? That's 21,210 miles a year, or figuring on an 8-hour day, five days a week, this means our IBM machines are going 10 miles an hour all day long every working

day of the year, just spitting out those little seven-and-a-quarter-inch cards faster than L. Pearce Williams can jog!

Computer paper is another big item and probably does more miles per hour than any other fast-moving item in the General Stores. That's 3,845 cartons, a mere 11,535,000 sheets!

Except for certain tools purchased with written department head approval, you just can't do business with General Stores as a private person. All business is transacted via interdepartmental charge accounts and is paid for out of budgeted funds. Since General Stores is a full enterprise operation, most

merchandise is sold at a 15 percent markup to recover operational costs.

So the next time you are looking for an eotaxial whistle steam compressor, try the Cornell General Stores. If they haven't got it, they'll order it for you.

Russ Hamilton



A Happy Occasion

David Woodard, center, takes a few minutes out to celebrate with his sons, Nathan, left, and Kenneth, right, and Lester F. Eastman, far left, professor of electrical engineering, a recent, dual accomplishment; he was awarded his doctorate in electrical engineering and then appointed a senior research associate in microwave research in the Department of Electrical Engineering. Woodard, who is 40, has been studying at Cornell on and off for 14 years while working in industry. Eastman was chairman of his doctoral committee.

Literary Talk to Feature Wide Range of Authors

Authors ranging from an 8th-century Chinese poet to a 20th-century American humorist will be included in an unusual talk by a Chinese literary historian at 4:15 p.m., Monday, March 12, in 202 Uris Hall.

"Determination of Authorship by Style—Thurber, the 'Federalist,' and Chinese philosophical and poetic texts" is the topic of a speech by E. Bruce Brooks. His appearance here is sponsored by Cornell's China-Japan Program.

Brooks said he would present the results of four studies he has done of authorship problems in English and Chinese texts. The

works to be discussed are "Is Sex Necessary" by James Thurber and E.B. White and Thurber's "Let Your Mind Alone," the "Federalist Papers" of John Jay, Alexander Hamilton and James Madison, "Jwanzdz," an early Chinese philosophical work, and seven pastoral quatrains by Wang Wei, an 8th-century poet.

"I shall also indicate some other problem-types," Brooks said, which appear to be subject to solution by a set of analytical procedures for the study of literary style that he has developed.

"The presentation will be brief, in order to allow development of a particular topic in response to audience interest," he said.

Managers View Performance Appraisal

This report is the second on a regular series of programs, The Management Forum, for managers and supervisors at Cornell who are looking for ideas on how to handle everyday human relations and management problems. The ideas come from fellow managers and supervisors who attend the biweekly forum sponsored by Personnel Development. The report was prepared by Wendy Campbell of the Personnel Development section who manages the program. Background

In late 1977, Cornell initiated its first comprehensive performance appraisal system. Staff involved are to receive a written and oral performance evaluation no less frequently than once a year. Managerial staff were offered the opportunity of training in techniques of appraisal at special six-hour seminars, and many employees attended informal programs to introduce and describe the process.

In addition to an evaluation survey of the new appraisal system, the results of which should be available in April, managers and supervisors at Cornell had a chance to discuss the pros and cons of "P.A." at a recent session of the Management Forum. Benefits of P.A.

Supervisors feel that P.A. fosters a two-way knowledge of the employment relationship: first, employees come to better understand how they are doing and second, supervisors come to better understand the job duties, problems and abilities of the employee. Employees have a chance to be "on stage" and plan their training and career goals for the future. Supervisors have a chance to make sure their expectations are understood. Questions Raised and Suggestions

1. Supervisors agreed that both they and their subordinates often feel threatened by the P.A. process. How can that fear be alleviated? Both parties should

discuss not only the benefits listed above, but also the following: Since an important part of every supervisor's job is to evaluate staff performance, it is to the employee's advantage to have that evaluation out in the open. Not only do employees then know where they stand, but they have protection in the long run if their supervisor moves and a new supervisor gives them a different review. Employees also have a chance as a result of P.A., to correct at the interview any misconceptions their supervisor may have, and they have the right to add their opinion when they sign the evaluation. Supervisors and their employees should practice performance appraisal by doing it; the review process is less threatening as both parties become accustomed to the process.

2. What happens to P.A. forms? There are three copies of the form, one for the supervisor, one for the supervisor's manager and one for the employee. The forms are confidential, and are kept for three years only. Copies do not go to University Personnel Services.

3. Who should evaluate employees who have more than one supervisor? Some employees are supervised by one or more faculty members, for example, but report to an administrative assistant. One solution is to have the administrative assistant collect brief evaluations, verbal or written, from appropriate faculty. A dean or administrative department head may need to designate a third party if there is no single supervisor. The assistant or third party would then conduct both the verbal and written phases of the review. It is important that the third party work with the employees' bosses to clarify specific aspects of the employee's job performance, so that the process does not become one of mere opinion-gathering.

4. Does usefulness of the re-

view process wane when repeated over the years? The method of appraisal — self-evaluation, mutual goal setting, or outside review — can be varied to help round out employees' and supervisors' understanding of the job. The review process can continue to be a useful form of communication, reassurance and helpful suggestions if made more informal after the first few times.

5. Does performance appraisal tend to raise unrealistic expectations? Supervisors agreed that if performance reviews were not used as part of a systematic employee development effort, they could in fact create a false sense of internal mobility. Performance appraisals, if integrated with successful internal mobility, merit increases, and the Work Life Development program offered by Personnel Development, can provide employees with a realistic sense of their employment opportunities at Cornell.

Management Forum Talks Set

The next two programs for The Management Forum have been set, according to Wendy Campbell, manager of the forum for Cornell's Personnel Development Section.

"Recruiting for Professional Positions" will be the topic on March 21 for forum leaders Carol O'Brien, director of development administration in the Office of University Development, and Mike Montgomery, executive director of Cornell's Office of Equal Opportunity.

On April 4, the topic is "Supervising the Student Employee." Forum leaders are Sam Demas, assistant librarian in Uris Library, and Kelanie Woodruff, manager of University Dining Services.

Registration for each two-hour session is limited to 25. To register, call Liz Greene at 6-7400.

COCORP, Continent Receive 'Fair Shake'

"Give the continent a fair shake" reads a poster in Jack Oliver's office in the Department of Geological Sciences.

Thanks to a two-year, \$3.8 million grant from the National Science Foundation—certainly a fair shake—Cornell geologists and geophysicists, working with their counterparts in academe, government and industry through the Consortium for Continental Reflection Profiling, will be able to follow through on the poster's command.

COCORP, of which Oliver is chairman, has pioneered the use of deep seismic reflection profiling, a technique commonly used by the petroleum industry for the study of shallow rocks, to explore the fine structural details of the earth's crust as far as 50 kilometers (about 30 miles) below the surface.

The technique sends seismic waves, created by trucks that shake the ground with heavy pads, deep into the earth and infers crystal structure by processing the returning echoes by computer.

Using deep seismic reflection profiling, COCORP researchers have outlined a "magma body" or chamber of molten rock in New Mexico whose presence had been suspected from other kinds of geological information. They also have traced the major fault in the Wind River Mountains of Wyoming to a depth of 24 kilometers (about 15 miles), settling a long-standing controversy concerning the fault's origins.

In addition to Oliver, Cornellians working on the project are Sidney Kaufman, professor of geological sciences and COCORP executive director; Larry Brown, assistant professor

of geological sciences; graduate students Dennis Albaugh, Jon Brewer, Fred Cook, Larry Jensen, George Long, Steve Schilt and Dave Steiner, and a number of undergraduates.

The new grant will enable COCORP field crews to work year-round, gathering data along lines that Oliver hopes will one day cross the continent, providing three-dimensional information in what has been a two-dimensional science. Such information provides a basic framework for mineral and energy resource exploration, Oliver said.

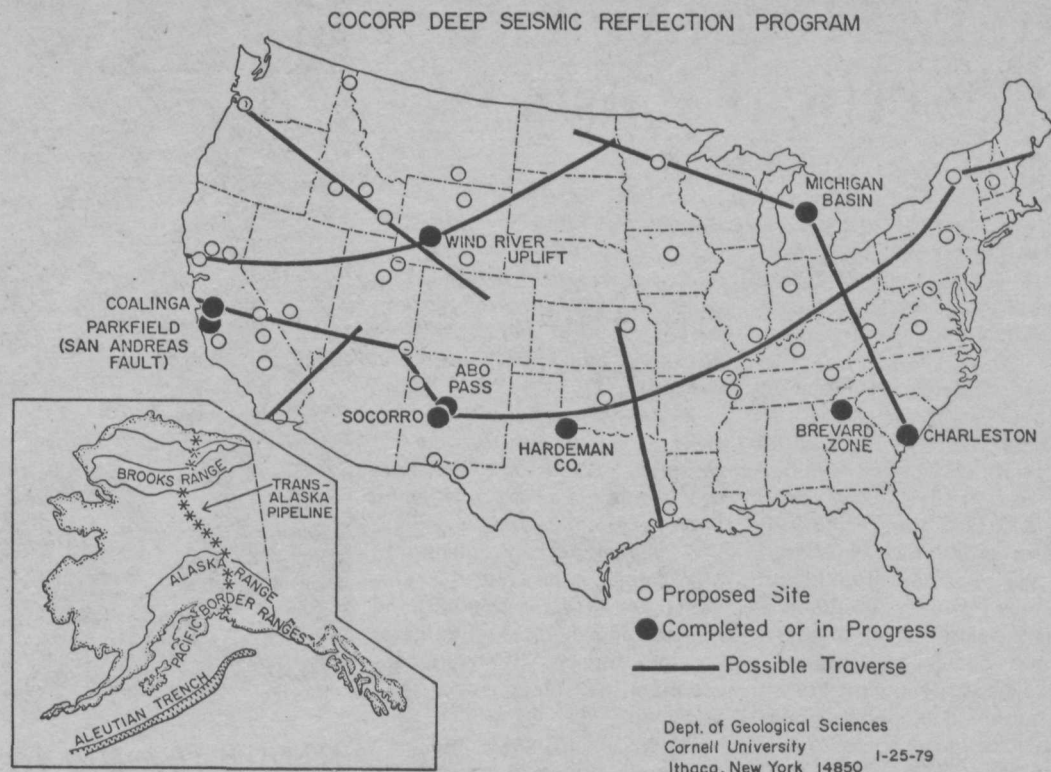
The grant also enables COCORP to acquire a special data processing system for analyzing the seismic information.

The data currently are processed by firms in Houston, but with data collection now possible year round, it will be more economical for COCORP to perform the processing itself.

The new computing system also will reduce the time necessary to translate the data into usable form and permit the researchers to manipulate the data more easily in a variety of ways.

COCORP is currently using the deep seismic profiling technique in the southern Appalachians, scouting a site in Oklahoma, and actively considering sites in Minnesota (which contains some of the oldest rocks on earth) and Kansas (where the continent was split many millions of years ago).

A site selection committee, made up of COCORP members not affiliated with Cornell, identifies high priority sites each year. Final selection is governed by geologic interest and logistics of operating the heavy equipment needed for the research.



Dept. of Geological Sciences
Cornell University
Ithaca, New York 14850 1-25-79

Cornell Review Gains National Attention

A national journal with quality food for thought is starting to bring national attention to the College of Arts and Sciences.

Two short stories from Cornell Review, which published its fourth issue in November, will be appearing in two of the country's most prestigious anthologies, according to Baxter Hathaway, Review editor and the Old Dominion Professor of Humanities Emeritus at Cornell.

"Bromeliads" by Joy Williams was selected from Cornell Review 2 for "Best Short Stories 1977" published by Houghton Mifflin. "The Derby Hopeful" by

Anthony Caputi, professor of English at Cornell, was selected from Cornell Review 3 for "O. Henry Award Short Stories 1978" published by Doubleday.

"For the last 50 years these two competing anthologies have been giving the 'Oscars' for short stories," Hathaway said.

Despite its artistic success in its first year, Cornell Review needs financial help in the form of subscribers, according to Hathaway. The journal has more than 2,000 subscribers now, but needs some 6,000 "to grow into an assured reality" he feels.

"Special-interest periodicals

like 'Runner's World' and 'Ms.' find audiences large enough to justify their display on the magazine racks of most drugstores, while general feature journals are suffering," Hathaway said.

"Increasingly we are deprived of food for thought by contemporary mass marketing. There is nothing bad about this trend so long as quality is not judged by success in drugstores," he believes.

Hathaway feels the Cornell Review can provide that quality food for thought and, at the same time, "allow Cornell to assume its intellectual leadership and its responsibilities for intellectual leadership in the country."

"Too many people around the country, when they think of Cornell think of the Agriculture School, or the Hotel School, or Engineering."

While Cornell is renowned for these schools and colleges, some Cornell alumni feel the Arts College deserves more publicity, according to Hathaway, and the Cornell Review is one way to get it.

The subscription rate for the Cornell Review is \$10 for one year, \$18 for two years and \$25 for three years. It appears three times per year. Its editorial offices are at 108 N. Plain St., Ithaca.

According to Hathaway, Cornell Review "is not specifically a literary magazine" and the contents of the fourth issue bear out that view.

The lead article is the full text of a "debate" between British political figures Edward Heath and Barbara Castle on "The British Crisis: Real or Imagined?" a program held at Cornell in April 1978.

Also included in the issue is a portfolio by modern artist Jim Dine and what Hathaway called "a sociologized portrait of life along the upper Amazon in Colombia" by Rose Goldsen, professor of sociology at Cornell.

Other articles are "The Germans and Their Terrorists" by Russell Berman, "Language and Thought" by Ragnar Rommetveit, a Cornell professor-at-large from the Psychology Institute in Oslo, and "Writing and Reading," a theory of literary criticism by E.D. Hirsh of the University of Virginia.

The work of poets David McLeavey, John Haines and Josephine Jacobsen appears in the issue, along with stories by Ira Sadoff and R.D. Skillings.

Appel Funded for Study Of Canine Distemper

Max Appel, professor of veterinary microbiology at the James A. Baker Institute for Animal Health, has been awarded a three-year, \$145,689 grant from the National Institutes of Health to study factors that influence the persistence of canine distemper virus.

Canine distemper virus belongs to the same class of viruses as human measles virus, and like measles virus, some strains of canine distemper virus persist in the infected animal's body for a long time.

Measles virus in children sometimes flares up as long as 15 years after the initial infection to cause fatal subacute sclerotic panencephalitis. It also may play a role, not yet understood, in multiple sclerosis.

Destruction of the myelin

sheath that insulates nerves is found in both SSPE and MS; myelin destruction also occurs in some canine distemper cases. Dr. Appel suspects that his research on canine distemper virus may serve as a model for better understanding its counterpart in human disease.

Dr. Appel stressed that although some researchers have suggested a direct link between canine distemper virus and multiple sclerosis, epidemiological evidence has not supported the idea.

Initially Dr. Appel will work with cell culture techniques to identify the nature of persistence of different strains of canine distemper. He will then work to determine the effects of various environmental conditions on the viruses's ability to persist.

Two Researchers receive \$65,000 for Asian Study

Two professors in the Department of Government have been awarded a grant of \$65,000 from the Henry Luce Foundation's Fund for Asian Studies.

David P. Mazingo and T.J. Pempel will use the grant for a two-year research project—"Political-Economic Foundations for International Relations in Northeast Asia."

"The main focus of the research will be on ways in which recent changes in the domestic and international economic conditions affecting China, Japan and the United States have reshaped the bilateral and trilateral relationships among the three countries," Pempel said.

The grant will provide released

time from teaching and research and travel funds for Mazingo and Pempel, as well as for a series of seminars and workshops at Cornell.

Mazingo is a specialist on Chinese foreign affairs. A staff member of the Rand Corp. in California from 1962 to 1967, he was director of Cornell's China-Japan Program from 1969 to 1973.

He earned his bachelor's and Ph.D. degrees from the University of California at Los Angeles. Pempel's major field of research interest is Japanese politics and economics. He joined the Cornell faculty in 1972.

A native of New York City, Pempel holds bachelor's, master's and Ph.D. degrees from Columbia University. He also holds an East Asian Studies certificate from Columbia.

Two Students Win Geology Prizes

Two students in the Department of Geological Sciences have been awarded \$1,000 scholarships in recognition of their academic achievements.

John Currie, son of Mr. and Mrs. Charles Currie of Rochester, N.Y., received the Chester Buchanan Memorial Award, made annually to the outstanding senior geology major at Cornell.

Gail Lusk, daughter of Captain and Mrs. Clyde T. Lusk Jr. of New Orleans, La. and the first woman brigade commander of Cornell's ROTC Program, was awarded the Michael W. Mitchell Prize for 1978-79. The prize is given annually to the student who has demonstrated his or her ability in both geology and other fields.

Fellowship Fund Honors Cornell Nutritionist

A fellowship fund has been established in honor of Richard H. Barnes, who died in November 1978. He was the James Jamison Professor of Clinical Nutrition until his retirement in 1976. The fund was opened with a \$5,000 matching gift, designated for graduate study in nutrition.

Pledges and contributions may be made to Barnes Fellowship Fund, care of University Development, 726 University Ave., Ithaca, N.Y. 14853.

Two Veterinary Medicine Seminars Scheduled

Dr. Susumu Ohno, chairman of the Division of Biology at the City of Hope National Medical Center in Duarte, Calif., will present two special seminars on March 13 at the State College of Veterinary Medicine.

He will speak on "Two Major Regulatory Genes for Mammalian Sex Determination" at noon in D-215, the veterinary anatomy lecture room, at the Veterinary College. A discussion will follow his talk at 1 p.m.

Dr. Ohno will speak on "Identification of Human H-Y Antigen as a Protein and its Testis Inducing Capacity" at 4:30 p.m. in G-3 Veterinary Research Tower. A discussion will follow at 5:30 p.m.

Dr. Ohno is the author of more than 100 scientific articles that span the animal world from man to mouse, from donkey to wood lemming and from mammals to reptiles and birds. He also is the author of three text books.

Study Here Aimed At Medical Costs

A study intended to make doctors more cost conscious when it comes to clinical decision-making will be undertaken by a Cornell professor through a grant from Connecticut General Insurance Corp. of Hartford.

Steven R. Eastaugh, assistant professor of health economics in the Sloan Program of Hospital and Health Services Administration at Cornell, is the recipient of the \$12,500 grant from Connecticut General. He will use it to study ways of teaching health economics and cost-effective clinical decision-making to physicians and medical students.

"Physicians are taught first to do no harm and second to ignore the cost because, presumably, the bill is paid by some third party," Eastaugh said. "The Congress and local government authorities have been trying to tell physicians to act like members of other professions and apply their craft up to the point where the marginal benefits exceed the costs and no further."

He said a less expensive style of medical care than exists today might result if some of the principles of cost-effective clinical decision-making would "seep" into the thinking of American doctors.

The subject of Eastaugh's work is unusual, and the way in which he will do it is rare for the Sloan Program. He will prepare teaching materials, lecture and do evaluation work at the Cornell Medical College in New York City, one of the few such Ithaca-New York City cooperative programs in Cornell history.

"I am delighted that the award permits the amplification of the association between the Sloan Program and the Medical School," said Dr. Theodore Cooper, dean of the medical college. "This association offers a great opportunity for improving medical education and improving health administration so critical to the performance of our increasingly complex health care

system."

Cornell President Frank Rhodes said he is "very pleased" that Connecticut General has agreed to assist Eastaugh on "a sensitive and complex problem that is of major significance to both the medical profession and the public."

Eastaugh said he will address two important questions in his research: "What are the best case materials for teaching health economics and cost-effective clinical decision-making to physicians and medical students? What is the optimal time for teaching medical students to provide services that are appropriate in relations to their price tag?"

"If we are to make intelligent decisions on how to improve the quality of care and contain the cost of services, it is our responsibility to discover the most effective means of training physicians to make economical decisions," according to Eastaugh.

He said 109 of the nation's 119 medical schools have endorsed the concept of teaching cost-effective clinical decision-making to their students. The only medical schools now offering such formal training are at Tufts University and Harvard University.

The Answers

The answers to the page 3 photo quiz are:

Photo 1. A bas relief bust of Robert Henry Thurston on plaque at entrance to Thurston Hall.

Photo 2. A snow-capped, unnamed head on the outer wall of Olin Library.

Photo 3. The head of John Dalton, half-covered by vines, on the facade of Franklin Hall.

Photo 4. The bas relief of Jennie McGraw at the entrance to Uris Library.

Photo 5. This woman with hammer, tong and anvil peers down from the roofline of Sibley Hall. She is probably Thor's wife; What's your guess?



Before the Big Red Hurricane

Happy Providence College cheerleaders were whooping it up with a three-goal hockey lead Tuesday night when this photograph was taken in the crowd at Lynah Rink, but the cheers later turned to tears as Cornell came from way behind to win 6-5 in overtime and earn the right to play in the ECAC tournament in Boston this weekend.

12 Architecture Students in Washington

Twelve Cornell architecture students are studying and working in the heart of Washington, D.C., this term, exposed to the practice of architecture in a metropolitan area, some even working part-time for firms in the Capital. This is after three or four years of studies in design and theory in the relatively sheltered atmosphere of the Cornell campus.

According to Mario L. Schack, head of the program and chairman of the Department of Architecture at Cornell, "Virtually no other city can match Washington's collection of bureaus, agencies, departments and resource facilities. Within the larger geographic area, inner-city revitalization, new town development, suburban growth, new transportation networks, and adaptive reuse examples abound."

The students are working out of a classroom and studio facility at 1606 20th Street, N.W., adja-

cent to DuPont Circle. Most are living within walking distance.

In addition to their research and design projects the students are attending a series of lectures, seminars and workshops at the program center. These involve, Schack said, professionals and specialists from the Washington area: architects, engineers, con-

tractors, financiers, developers, realtors and key agency and research personnel.

Many students are also taking courses at local institutions, he said. Students may take part in the program either in spring/summer or summer/fall time spans.

Bulletin of the Faculty

With but one item on a proposed agenda for the March FCR meeting, the Executive Committee has decided to put it off until the April meeting and so NOT call for the March meeting. Therefore, the regularly scheduled March FCR meeting will NOT be held. NOT BE HELD. With this as the third such cancellation this year, the University is either assail on reasonably calm seas (if not prosperous voyage) or we have a somewhat near-sighted Executive Committee. We hope it is the former.

P.L. Hartman Secty.
Member Executive Committee, ex officio

Bulletin Board

Green Dragon Parade Scheduled

The School of Architecture's Annual Green Dragon Parade will be at 1 p.m., Friday, March 9.

The parade will begin at Sibley Hall and wind its way through the campus and end with a rally in front of Willard Straight Hall.

Vice Provost Is Luncheon Speaker

Vice Provost Allison P. Casarett will be the guest speaker at the Brown Bag Luncheon scheduled for Thursday, March 8.

All Brown Bag Luncheons are sponsored by the employee elected trustees and members of the Campus Council and are held from 12 to 1 p.m., 202 Uris Hall.

There will be no Brown Bag Luncheon on March 15.

Re-entry Workshop Scheduled

The Continuing Education Information Center (CEIC) and

Human Ecology Support Services will sponsor a workshop on re-entry to school or the job market from 7 to 9:30 p.m., Monday, March 12, in the Martha Van Rensselaer Faculty Lounge. For more information call Vivian Geller, 256-4221, or Beth Martire, 256-3049.

Campus Council Election Details Set

Students and employees interested in running for the Campus Council this spring may pick up petitions and election details in the council's offices at 133 Day Hall, starting today. Completed petitions must be returned to the council offices by 4 p.m., Wednesday, March 14. The student election will be by machine vote on April 4. Employees will be elected by mail, due in the council offices no later than 4 p.m., April 2. All results will

be announced April 6. The elections are for six seats: three undergraduate, one graduate and two employee.

Summer Session Announcement

The 1979 Summer Session Announcement will be available at Chronicle drop points by noon on Friday, March 9.

Individuals responsible for Chronicle delivery should distribute the announcement to all faculty, staff and students. Departmental offices should retain copies for future reference, although additional copies may be obtained from the Summer Session office, 105 Day Hall.

Minority Fellowships to be Awarded

The Compton Foundation is awarding 10 fellowships at \$5,000 each for 1979-80 to outstanding minority students who are United States citizens, preparing for careers in teaching, research or practice in international affairs.

Cornell is one of about 15 universities which has been asked to recommend up to three candidates for these fellowships. The candidates may be either incumbent graduate students or persons admitted for graduate study for 1979-80.

Candidates must be nominated by their graduate field representative who must submit recommendations to the Center for International Studies by March 26.

Demolition of Ag Buildings Discussed

A public informational meeting concerning the proposed demolition of Roberts Hall, East Roberts Hall, Stone Hall, Comstock Hall and Caldwell Hall, will be held at 4:30 p.m., Wednesday, March 14, in Caldwell 100.

The annual business meeting of the Cornell Federal Credit Union will be held at 5:30 p.m., Saturday, March 17, in Alice Statler Auditorium. For a dinner-dance which will follow at 7 p.m., reservations should be made at the Credit Union offices in Bailey Hall by Monday, March 12.

Liverpool Judies to Perform

The Liverpool Judies, a group that specializes in sea shanties, traditional tunes and British ballads, will be performing at 8:30 p.m., Friday, March 9, in the Willard Straight Hall Memorial Room. The concert is being sponsored by the Cornell Folk Song Club.

Admission is \$2 at the door (\$1.50 for club members). Those interested in joining the club may do so at this concert.

Sponsored Programs Information

Reminders of a Few Upcoming Deadlines

March 15 — U.S.-India Exchange of Scientists Program. Contact Hildegard Kramer, Director of International Programs, National Science Foundation, Washington, D.C. 20550, 202-632-5796.

March 20 — Fund for the Improvement of Postsecondary Education New applications — Attention 13.925A, 400 Maryland Avenue, SW, Washington, D.C. 20202.

March 31 — Science Proposals for U.S.-Japan Cooperative Research, Division of International Programs, National Science Foundation, Washington, D.C. 20550.

April 1 — Administrators — Conference in Vail, Colorado. Contact Office of Leadership Development in Higher Education, American Council on Education, 1 DuPont Circle, Washington, D.C. 20036.

April 1 — Applied Sciences, Applied Physical, Mathematical and Biological Sciences. National Science Foundation, Division of Applied Research, Attn: Richard Schoen.

April 1 — Applied Science and Behavioral Sciences. National Science Foundation, Applied Social and Behavioral Sciences, Attn: Frank Scioli.

April 1 — Ethics and Values. National Science Foundation, Office of Science and Society, Attn: William Blanpied.

April 1 — Public Understanding of Science — National Science Foundation, Office of Science and Society, Attn: George Tressel.

Research in Information Science

The National Science Foundation supports basic and applied research in information science to advance understanding of the properties and structure of information and to contribute to the store of scientific knowledge applicable to the design of information processing systems. In the selection of projects to be supported preference is given to research which is fundamental and general and to applied research which is concerned with scientific and technical information rather than, for example, business information or mass communication. The development of hardware is beyond the scope of this program, as also are projects to develop, implement, or evaluate information systems except for the purpose of generalization beyond the particular information systems involved. In general, it is expected that awards will range from two months' salary support for one person plus associated costs to a maximum project cost of \$150,000 per year.

Research proposals in four specific categories are considered by NSF: standards and measures; structure of information; behavioral aspects of information transfer; and informetrics. A proposal may address problems which involve more than one of these categories. Proposals which address problems outside these categories but are consistent with the objectives and priorities of this announcement will also be considered.

Special research initiation awards for new investigators in information science are also available. These particular proposals are due April 15, 1979. Other proposals can be submitted at any time, but should allow 6-8 months before the projected start date.

Further information on this program, is available in the Office of Sponsored Programs, 123 Day Hall.

Agriculture and Life Sciences

AGRICULTURAL ECONOMICS: "Changing Perceptions About Food Since the World Food Conference," Harry E. Walters, The World Bank, 4 p.m., Monday, March 12, 401 Warren Hall.

AGRICULTURAL ENGINEERING/ENVIRONMENTAL STUDIES: "Acid Treatment of Raw Sludge to Aid Dewatering," Norwood Talbert, Agway Inc., Syracuse, 3:30 p.m., Friday, March 9, 105 Riley-Robb.

MATHEMATICS: "Environment, Leaf Anatomy, and Photosynthesis," Park Nobel, 4 p.m., Tuesday, March 13, 100 Caldwell.

MICROBIOLOGY: "Circulation and Amino Acid Transport in Envelope Membrane Vesicles of Halobacterium Halobrium," Russell MacDonald, 4:30 p.m., Thursday, March 8, 124 Stocking.

NUTRITION: "Interaction of Nutrition and Genetic Factors in Growth of Peruvian Lowland Populations," A. Roberto Frisncho, University of Michigan, 4:30 p.m., Monday, March 12, 348 Morrison Hall.

POMOLOGY: "Fruit Growing in Europe," R. L. Norton, Regional Extension Specialist-fruit, 11:15 a.m., Monday, March 12, 114 Plant Science Building.

RURAL SOCIOLOGY: "Occupational and Organizational Commitment: A Multi Varied Analysis," Randall White, 4 p.m., Monday, March 12, 32 Warren Hall.

VEGETABLE CROPS: "Modification of Early Season Potato Growth With Plastic Mulch and Tunnels," Brian A. Kahn, 4:30 p.m., Thursday, March 8, 404 Plant Science Building.

Arts and Sciences

ANTHROPOLOGY: "Foraging Strategies of Hudson Bay Inuit (Eskimo)," Eric Smith, 4:30 p.m., Tuesday, March 13, 305 McGraw Hall.

COMPUTER SERVICES: "Plotting Curves and Data Interactively," Carl Diegart, 3:30 p.m., Friday, March 9, G-14 Uris Hall.

Career Center Calendar

March 8 — Health Careers Brown Bag Session: Facts About Financial Aid for Health Careers Students. 1:25 or 4:30 p.m., Career Center.

March 8 — What's it Really Like to be a Lawyer: Trial Law. 3:30 p.m., Goldwin Smith 264.

March 8 — Applying to Medical School at Johns Hopkins. 4-6 p.m., Kaufman Auditorium, Goldwin Smith. Sponsored by the Black Bio-Medical and Technical Society.

March 8 — Resume Critique. 3:30 p.m., Career Center. Please bring a typed draft of a resume.

March 12 — Health Careers Brown Bag Session: Strategies for Selecting a Medical or Dental School for Application. 12:20 p.m., Career Center.

March 12 — Using Career Center Resources to Research Financial Aid for Grad Study. 2:30 p.m., Career Center.

March 13 — Health Careers Brown Bag Session: Strategies for Selecting a Medical or Dental School for Application. 12:20 p.m., Career Center.

March 13 — Resume Critique, 3 p.m., Career Center. Please sign up in advance.

March 14 — Health Careers Brown Bag Session: Strategies for Selecting a Medical or Dental School for Application. 1:25 p.m., Career Center.

March 14 — How to Use Career Center Resources for Making Summer Plans. 4:30 p.m. Career Center.

March 15 — Health Careers Brown Bag Session: Strategies for Selecting a Medical or Dental School for Application. 1:25 or 4:30 p.m., Career Center.

March 15 — Informational meeting with a representative from the New York State Public Interest Research Group. 1-3:30 p.m., Uris 202. Interested persons may bring resumes.

ORGANIC/INORGANIC CHEMISTRY: "Everninomicins, Structural Elucidation and Chemical Modification," Ashit K. Ganguly, Schering Corp., 8:15 p.m., Monday, March 12, 119 Baker Lab.

PSYCHOLOGY: "Psychology of Geometry: Knowledge For Proving Theorems and Checking Proofs," James Greeno, University of Pittsburgh, 3:30 p.m., 202 Uris Hall.

Biological Sciences

BIOCHEMISTRY: "Microtubule Elongation and Its Relevance to Mitosis," Gary Borisy, University of Wisconsin, 4:30 p.m., Friday, March 9, 204 Stocking Hall.

ECOLOGY AND SYSTEMATICS: Title to be announced, John Steele, Woods Hole Oceanographic Institution, 4:30 p.m., Wednesday, March 14, Langmuir Penthouse.

ENTOMOLOGY: "Hormonal Control of Growth and Metamorphosis, Or How Moths Grow Up," Lynn Riddiford, 4 p.m., Monday, March 12, 100 Caldwell Hall

ENTOMOLOGY: "Hormones and the Fate of An Epidermal Cell," Lynn Riddiford, 4 p.m., Tuesday, March 13, 100 Caldwell Hall

ENTOMOLOGY: "Circadian Clocks and Insect Behavior," James Truman, 4 p.m., Wednesday, March 14, 100 Caldwell Hall.

ENTOMOLOGY: "How to Make and Turn On a Moth's Nervous System," James Truman, 4 p.m., Thursday, March 15, 100 Caldwell Hall.

NEUROBIOLOGY: "The Consequences of Deafferentation on the Dendritic Growth During the Early Stages of Neural Development of Interneurons," Ronald Hoy, 4:15 p.m., Tuesday, March 13, 100 Savage Hall.

NEUROBIOLOGY AND BEHAVIOR: "Neural and Hormonal Control of Pheromone Biosynthesis in Bark Beetles," Patrick Hughes, Boyce Thompson Institute, 12:30 p.m., Thursday, March 8, Langmuir Penthouse.

NEUROBIOLOGY AND BEHAVIOR: "Vertebrate Morphology at First Base," W. W. Ballard, Dartmouth College, 4:30 p.m., Thursday, March 8, 110 Ives Hall.

PLANT PHYSIOLOGY: "The Plasma Membrane ATPase of Plant Cells," Francis Dupont, 11:15 a.m., Friday, March 9, 404 Plant Science.

Boyce Thompson Institute

"The Coming of Age of Eco-toxicology," Walter Rosen, EPA, Washington, D.C., 4 p.m., Wednesday, March 14, BTI Auditorium.

Engineering

CHEMICAL ENGINEERING: "Thermodynamics and Structure of Ionic Fluids," George Steel, SUNY, Stony Brook, 4:15 p.m., Monday, March 12, 145 Olin Hall.

GEOLOGICAL SCIENCES: "Precambrian Geology of Baffin Island," Garth Jackson, Geological Survey of Canada, 4:30 p.m., Thursday, March 8, 205 Thurston Hall.

MECHANICAL AND AEROSPACE ENGINEERING: "The Influence of Track Compliance on Running," Peter R. Greene, Harvard University, 4:30 p.m., Monday, March 12, 282 Grumman Hall.

MECHANICAL AND AEROSPACE ENGINEERING AND CENTER FOR RADIOPHYSICS AND SPACE RESEARCH: "Turbulence in the Upper Ocean," S.A. Kitaigorodskii, University of Copenhagen, 4:30 p.m., Tuesday, March 13, 111 Upson.

PLASMA STUDIES: "Tearing Modes in Reversed Field Configurations," J. F. Drake, University of Maryland, 4:30 p.m., Wednesday, March 14, 282 Grumman Hall.

Residence Life

Frank Drake, topic to be announced, 8 p.m., Wednesday, March 14, Formal Lounge, Mary Donlon Hall.

Veterinary Medicine

MICROBIOLOGY/PATHOLOGY: "Immunotherapy of Carcinogen-Induced Colon Tumors in Guinea Pigs," Gary Cockerell, 4:30 p.m., Monday, March 12, G-3 Vet Research Tower.

REMINDER: The last day to change courses and grading options is Friday, March 16.

NON-CREDIT GRADUATE REGISTRATION forms for summer, 1979, are available in the Graduate School Office. NCGR registration is to be used only by those persons who have been registered as full-time students at Cornell during one or both terms of the preceding academic year and who do not wish residence credit but wish to be registered informally for purposes of loans, scholarships, fellowships or proof of registration to outside agencies. Registration must be in person at the Graduate School Office, Sage Graduate Center. Registration begins May 23 (early certification is possible for those who need it for the Financial Aids Office in Day Hall.)

Students who must file Non-Credit Graduate Registration forms as part of their requirement for Summer Work Study, please note: it is not necessary to have your registration form validated at this time; tentative awards will be calculated, but will not be finalized until NCGR registration has been completed.

The Guilford Essay Prize (amounting this year to \$400) will be awarded to the Cornell student whose doctoral dissertation exhibits the "highest standards of excellence in English prose." Entries are to be submitted under an assumed name at the office of the Dean of the Faculty, 315 Day Hall. The deadline for submission is Monday, April 16.

Sigma Xi is sponsoring Grants-in-Aid of Research to support direct costs of scientific investigation in any field. Awards are normally made in amounts ranging from \$100 to \$1000, and are not typically made for expenses of publication, salary or tuition, or travel to meetings. Priority is usually given to applicants who are in an early stage in their scientific careers. Applications, available at the Fellowship Office, 116 Sage Graduate Center, must be received by the Sigma Xi National Headquarters by May 1 for the June meeting of the Awards Committee.

Students interested in applying for need-based financial aid (loans and/or work study for the 1979-80 academic year should obtain a 1979-80 Financial Aid Form (FAF) from the Financial Aid Office. This form should be used by all graduate students, including professional master's candidates (except M.Engr. degree candidates). The deadline for filing completed applications at the Financial Aid Office, 203 Day Hall, is Monday, April 16.

Graduate School Summer 1979 Fellowships provide a stipend of \$800 for ten weeks during the summer which must be devoted entirely to graduate study. No other support from Cornell sources may be received during the fellowship tenure. Interested students should contact their Graduate Faculty Representative for additional information and applications. The deadline for submitting applications to the student's special committee chairperson for endorsement is Friday, March 30.

Applications for Graduate Summer School Tuition Awards are available at the Fellowship Office. These awards provide \$80 per credit hour for courses taken for credit during the summer session at Cornell. Applications must be submitted to the student's special committee chairperson by Monday, April 16.

Graduate students in the field of Business & Public Administration should apply for summer support through the B&PA Dean's Office, 303 Malott Hall.



Calendar

Continued from Page 12

7 p.m. Amphibious Warfare Study XXIII Program. This two hour program conducted by the Amphibious Warfare Presentation Team from the Marine Corps Development and Education Command, Quantico, Virginia, will include current developments in Amphibious warfare research and technology and a discussion of tactical operations in the amphibious theatre. Phillips Hall 101.

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. Twig Bible Fellowship sponsored by The Way of Cornell. Balch Unit 2 study lounge.

7:30 p.m. Morris Dance Practice sponsored by Cornell Contra Dance Club. Morris Dance teams for beginning and experienced dancers. Martha Van Rensselaer NG-35.

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

8:15 p.m. *Faculty Committee on Music presents Pinchas Zukerman and Itzak Perlman, viola and violin duo. Works of Bach, de Beriot, Mozart, Bartok, Moskovsky. Bailey Auditorium.

8:15 p.m. *Department of Theatre Arts presents Shakespeare's "Hamlet." Straight Theatre.

8:15 p.m. Plant Pathology Colloquium: "Advances in Taxonomy: Progress or Problems for the Pathologists?" Richard Korf, Mycology, Plant Pathology, Cornell. Plant Science 404.

Friday, March 16

8:30 a.m.-4:30 p.m. Extramural Registration: last day to change. Day 105.

10:30 a.m.-4:30 p.m. Writing Center's Walk-In Service. Rockefeller 302.

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

1:30 p.m. La Tierra Verde Collective of CRE-Alternative Agriculture Working Group meeting after Alternative Agriculture Seminar. Warren 32.

2:30 p.m. Muslim Educational and Cultural Association and Africana Research and Studies Centre Lecture on Islam Series: "The Contribution of Islam and Science Technology and the Arts," Anis Ahmed. Uris Hall G-92.

5 p.m. Cornell Karate Club (Shotokan) beginners class. All

welcome. Martha Van Rensselaer Auditorium.

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

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

6-8 p.m. *Dinner. Statler Inn Main Dining Room.

7:30 p.m. Cornell Christian Fellowship meeting for singing, teaching and prayer. Morrill 116.

7:30 p.m. "Islam and Muslims" sponsored by Muslim Educational and Cultural Association. Anabel Taylor 314.

7:30 p.m. Inductive Bible Study in John's Gospel. All welcome. Sponsored by Cornell Bible Applications Group. Noyes Center 304.

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

8:15 p.m. *Department of Theatre Arts presents Shakespeare's "Hamlet." Straight Theatre.

Saturday, March 17

9:15 a.m. Shabbat Services (Orthodox). Anabel Taylor Edwards Room.

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

4:30 p.m. Catholic Sacrament of Reconciliation. Anabel Taylor G-24.

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

8 p.m. *Cornell Cinema presents "Love and Death." Uris Hall Auditorium.

8:15 p.m. *Department of Theatre Arts presents Shakespeare's "Hamlet." Straight Theatre.

Sunday, March 18

9:30 & 11 a.m. Catholic Eucharist. All welcome. Anabel Taylor Auditorium.

9:30 a.m. Episcopal Eucharist Worship Service. Faculty, staff, and families welcome. Church School and nursery care. Coffee hour following service in Founders Room. Anabel Taylor Chapel.

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

10:45 a.m. The Lutheran Church Worship Service. Nursery care provided. Coffee hour following the service. Church school prior to service at 9:30 a.m. 109 Oak Avenue.

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

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

12:30 p.m. People getting together for discussion of social concerns, support and letter-writing. Come share ideas and food with Friends (Quakers) and others. For more information call Bruce 272-7149. Anabel Taylor Forum.

2 p.m. Korean Church at Cornell. Young M. Paik, Pastor. Anabel Taylor Chapel.

8 p.m. *Cornell Cinema presents "Rules of the Game." Comedies for Spring Series. Uris Hall Auditorium.

Announcements

Intramural Softball-Slowpitch: men, co-ed, women. Deadline on entries is Friday, March 9 at 4 p.m. in the Intramural Office. Minimum of two to enter. Straight elimination tournament Monday through Thursday evenings in Barton Hall.

Intramural Box Lacrosse: men, women. The deadline on entries is Thursday, March 15 at 4 p.m. in the Intramural Office, Grumman Squash Courts Building. Minimum of 10 to enter. (Team consists of 6 players). Specify your preferred day of play when entering (Monday) through Friday, 1st, 2nd, 3rd choice. (Sunday if necessary). A \$10 fee per team due with your roster. Checks payable to the Department of Physical Education and Athletics, Intramural Division. Players must supply their own sticks.

Exhibits

History of Art Gallery: "Recent Paintings," by Johnson Hom. Gallery hours Monday through Friday, 8:30 a.m.-4:30 p.m. Through March 9.

Olin Library: "Modern Artists as ILLUSTRATORS: Picasso, Matisse, Baskin, Abbe and others of the 20th Century."

Uris Library: Hamlet Exhibit. March 12 through April 27.

Herbert F. Johnson Museum: "22 Polish Textile Artists," through March 18; "Louis M. Eilshemius: Selections from the Hirshhorn Museum and Sculpture Garden," through March 18. Special notice: Museum tours are offered every Sunday at 2:30 p.m.

Calendar

March 8—18, 1979

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 8

All Day. Emanuel Ben-Naeh of the Israeli Aliya Center will be available with information on k'ubbutz/work/study programs. Call 256-4227 for appointment. Anabel Taylor G-24.

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

12:30 p.m. Campus Club Lecture by Mr. Joseph Sherman, specialist in financial and estate planning and tax sheltered annuities, Merrill Lynch, Syracuse Office. Bring a sandwich, beverage will be available. All welcome. Parking in "B" lot. College of Veterinary Medicine James Law Auditorium.

12:30-4:30 p.m. Writing Center's Walk-In Service. Rockefeller 302.

4 p.m. Issues on Contemporary Japan cosponsored by China/Japan Program and Western Societies Program: "Changing Japanese Political Structure and its Influence Upon Japan's Foreign Policy." Rei Shiratori, Dokkyo University, Fellow of the Woodrow Wilson International Center for Scholars. Uris Hall 202.

4-5 p.m. Antibody Club Seminar: "Detection of Ia (HLA-DR) Antigens on Human and Guinea Pig Epithelial Cells." U. Forsum. James A. Baker Institute for Animal Health.

4:30 p.m. English Department Lecture: "Tradition and Experiment in Modern British Poetry." John Press, Oxford University. Goldwin Smith 225.

4:30 p.m. Geological Sciences Seminar: "Precambrian Geology of Baffin Island, Garth Jackson, Geological Survey of Canada. Thurston 205.

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

6 p.m.-midnight. Writing Center's Walk-In Service. Rockefeller 302.

7 p.m. Cornell Karate Club (Shotokan) beginners class. All welcome. Martha Van Rensselaer Auditorium.

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. Cornell Contra Dance Club presents Morris Dance Practice. Morris Dance teams for beginning and experienced dancers. Martha Van Rensselaer NG-35.

7:30 p.m. Twig Bible Fellowship sponsored by The Way of Cornell. Balch Unit 2 study lounge.

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

8 p.m. *Cornell Cinema presents "Word Is Out." Kaleidoscope Series. Uris Hall Auditorium.

8:15 p.m. *Department of Theatre Arts Hamlet Festival. Shakespeare's "Hamlet." Student Preview. Straight Theatre.

Friday, March 9

10:30 a.m.-4:30 p.m. Writing Center's Walk-In Service. Rockefeller 302.

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

12:15 p.m. Women's Studies Friday Seminar: "The Emergence of Women Composers in Italy from 1566-1700." Jane Bowers, Women's Studies Program, Cornell. I&LR Conference Center 105.

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

1:30 p.m. La Tierra Verde Collective of CRE-Alternative Agriculture Working Group meeting. Meet after Alternative Agriculture Seminar, Warren 32.

2:30 p.m. Muslim Educational and Cultural Association and Africana Research and Studies Centre Lecture on Islam Series: "Islam in America." Imam Wallace and D. Mohammed or Ilyas Bayunus and Ishan Yasin. Uris Hall G-92.

3:30 p.m. Department of English presents visiting professor Sherley A. Williams reading selections from her poems. Reception following. A.D. White House.

4:30 p.m. Town meeting. Straight North Room.

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

4:30 p.m. Town meeting. Straight North Room.

5 p.m. Cornell Karate Club (Shotokan) beginners class. All welcome. Martha Van Rensselaer Auditorium.

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

6-8 p.m. *Dinner in the Main Dining Room. Statler Inn.

7:30 p.m. Cornell Christian Fellowship meeting for singing, teaching and prayer. Morrill 106.

7:30 p.m. Islam and Muslims meeting. Anabel Taylor 314.

7:30 p.m. Inductive Bible Study in John's Gospel. All welcome. Noyes Center 304.

7:30 p.m. Jordani, The Cornell University Society of Zoologists Lecture: "Techniques of Bird Photography." Mike Hopiak, Photographer at Laboratory of Ornithology. Stimson G-1.

7:30 p.m. Pentangle II Free Film Series: "Persona" (Bergman, 1966, Sweden); short: "Together" (Broughton, 1977, U.S.). Uris Hall Auditorium.

8 p.m. *Cornell Concert Commission presents "Southside Johnny and the Asbury Jukes" and special guest Robert Gordon. Bailey Auditorium.

8:15 p.m. *Department of Theatre Arts Hamlet Festival.

Shakespeare's "Hamlet." Public preview. Straight Theatre.

8:15 p.m. *The Cornell Savoyards present Gilbert and Sullivan's comic operetta "Princess Ida." Tickets available at the Alice Statler Auditorium Box Office 11 a.m.-6 p.m., Monday through Saturday. Phone orders at 256-7263. Alice Statler Auditorium.

8:30 p.m. *The Cornell Folk Son Club presents the Liverpool Judies: sea shanties, British ballads and traditional tunes. Straight Memorial Room.

9:45 p.m. *Cornell Cinema presents "The Fury." Uris Hall Auditorium.

10 p.m.-2 a.m. Tammany Niteclub presents Mark Bennett, guitarist and vocalist and at midnight presents Bill Rogers, jazz pianist. Risley College.

12 midnight. *Cornell Cinema presents "An Evening with Bullwinkle and His Friends." Uris Hall Auditorium.

Saturday, March 10

9:15 a.m. Shabbat Services (Orthodox). Anabel Taylor Edwards Room.

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

4:30 p.m. Catholic Sacrament of Reconciliation. Anabel Taylor G-24.

5:15 p.m. Catholic Eucharist. Anabel Taylor Auditorium.

6-8 p.m. *International Cuisine. Statler Inn Main Dining Room.

7:30 & 9:45 p.m. *Cornell Cinema presents "The Fury." Uris Hall Auditorium.

8 p.m. Risley Free Film Series presents "Beat The Devil." Risley Theatre.

8:15 p.m. Department of Music presents Collegium Musicum directed by John Hsu. Works of Isaac, Ortiz, Banchieri, Gabrielli, Lassus, others. Barnes Auditorium.

8:15 p.m. Cornell Polo-Atlanta. Oxley Polo Arena.

8:15 p.m. *Department of Theatre Arts Hamlet Festival. Shakespeare's "Hamlet." Opening. Straight Theatre.

8:15 p.m. *The Cornell Savoyards present Gilbert and Sullivan's comic operetta "Princess Ida." Tickets available at the Alice Statler Auditorium Box Office 11 a.m.-6 p.m., Monday through Saturday. Phone orders at 256-7263. Alice Statler Auditorium.

8:30 p.m. *Cornell Outing Club Square Dance with Jean Alve calling. Martha Van Rensselaer Auditorium.

12 midnight. *Cornell Cinema presents "An Evening With Bullwinkle and His Friends." Uris Hall Auditorium.

Sunday, March 11

9:30, 11 a.m. & 5 p.m. Catholic Eucharist. All welcome. Anabel Taylor Auditorium.

9:30 a.m. Episcopal Eucharist Worship Service. Faculty, staff and families welcome. Church School and nursery care. Coffee hour following service in Founders Room. Anabel Taylor Chapel.

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

10:45 a.m. The Lutheran Church Worship Service. Nursery care provided. Coffee hour following the service. Church school prior to service at 9:30 a.m. 109 Oak Avenue.

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

11 a.m. Sage Chapel Convocation: Douglas V. Steere, Professor of Philosophy Emeritus, Haverford College, Haverford, PA.

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

12:30-4:30 p.m. Writing Center's Walk-In Service. Rockefeller 302.

2 p.m. Korean Church at Cornell, Young M. Paik, Pastor. Anabel Taylor Chapel.

2 p.m. *Cornell Cinema presents "The Little Fugitive." Cosponsored with Ithaca Youth Bureau. Uris Hall Auditorium.

2 p.m. *The Cornell Savoyards present Gilbert and Sullivan's comic operetta "Princess Ida." Tickets available at the Alice Statler Box Office, 11 a.m.-6 p.m., Monday through Saturday. Phone orders at 256-7263. Alice Statler Auditorium.

4 p.m. Department of Music presents Madison String Quartet and Vivian H. Slater, pianist. Quartets of Webern, Bartok, Dvorak Quintet. Barnes Auditorium.

6 p.m.-midnight. Writing Center's Walk-In Service. Rockefeller 302.

7:30 p.m. International Folk Dancing. Teaching for intermediates 7:30-8:30 p.m.; requests 8:30-11 p.m. All welcome. Straight North Room.

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

8:15 p.m. *The Cornell Savoyards present Gilbert and Sullivan's comic operetta "Princess Ida." Tickets available at the Alice Statler Box Office, 11 a.m.-6 p.m., Monday through Saturday. Phone orders at 256-7263. Alice Statler Auditorium.

Monday, March 12

8 a.m.-4 p.m. "Ag Day" coordinated by A&LS Positive Action Council. Straight Memorial Room.

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

12:20 p.m. The Biology Center Lecture Series: "Evolution of the Genus Drosophila: A Tale of Two Enzymes." Ross MacIntyre. Stimson G-20.

12:20 p.m. Agricultural Engineering Seminar: "Field Tests for Uniform Fertilizer Applications." L.P. Walker, Agricultural Engineering, Cornell. Riley Robb 400.

12:30-4:30 p.m. Writing Center's Walk-In Service. Rockefeller 302.

3:30 p.m. University Committee on Recombinant DNA Research meeting. Day Hall Conference Room.

4 p.m. Department of Classics Lecture: "Environment and Preservation of Antiquities." Arthur Beale, Sr. Lecturer on the Fine Arts and Head Conservator of the Center for Conservation and Technical Studies of the Fogg Art Museum, Harvard University. Goldwin Smith Kaufmann Auditorium.

5-6 p.m. Zen Buddhist Meditation Group one hour zazen (meditation). For more information call Tim at 539-7299 or Boyd at 277-0496. Anabel Taylor Edwards Room.

6 p.m.-midnight. Writing Center's Walk-In Service. Rockefeller 302.

7 p.m. PURIM Service and celebration. Anabel Taylor Founders Room.

7 p.m. Cornell Karate Club (Shotokan) beginners class. All welcome. Martha Van Rensselaer Auditorium.

7:30 p.m. Food Science 150 Lecture Series: "Why Do We Grow Animals for Human Foods?" R.A. Warner, Food Science.

Uris Hall Auditorium.

7:30 p.m. America and World Community: "Liberation and Theology- From a Latin American View." Emilio Monti, Buenos Aires Union Theological Seminar. Anabel Taylor One World Room.

7:45 p.m. Ornithology Seminar. Lyman K. Stuart Observatory, 153 Sapsucker Woods Road.

8 p.m. Italian Club and Quodlibet: Medieval Forum Lecture: "Significance of Terza Rima, John Freccero, Italian Literature, Yale University. Andrew D. White House.

8 p.m. Cornell Country Dance Club presents a Contra Dance with live music. All dances taught. Beginners welcome. Straight Memorial Room.

8 p.m. Architecture College Spring Lecture Series, Rem Koolhaas. Goldwin Smith Hollis E. Cornell Auditorium.

9 p.m. *Cornell Cinema presents "The Testament of Orpheus." Film Club members only. Uris Hall Auditorium.

Tuesday, March 13

12 noon. Special Seminar: "Two Major Regulatory Genes for Mammalian Sex Determination." Susumu Ohno, Biology, City of Hope National Medical Center, Duarte, California. Veterinary Anatomy Lecture Room D-215.

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

12:30-4:30 p.m. Writing Center's Walk-In Service. Rockefeller 302.

4:15 p.m. Food Science Seminar: "Economics, Politics and Morality of Foods." Daniel Sisler, Agricultural Economics, Cornell. Stocking Hall Auditorium.

4:15 p.m. Department of Music and Society for the Humanities Lecture: "Observation, Elucidation, Utilization: Western Attitudes to Eastern Musics." Frank Harrison, Ethnomusicology, University of Amsterdam. Barnes Auditorium.

4:30 p.m. Fundamentals of Jewish Thought. Anabel Taylor G-34.

4:30 p.m. Field of Physiology Seminar: "Identification of Human H-Y Antigen as a Protein and its Testis Inducing Capacity." Susumu Ohno, Division of Biology, City of Hope National Medical Center, Duarte, California. Veterinary Research Tower G-3.

4:30 p.m. Geological Sciences Seminar: "Massive Sulphide Deposits and Their Genesis." Larry Cathles, Pennsylvania State University. Thurston 205.

5 p.m. Cornell Karate Club (Shotokan) beginners class. All welcome. Martha Van Rensselaer Auditorium.

5 p.m. Southeast Asia Film Series: "Last Tribes of Mindanao." Parts 1 & 2. fate of Tribal peoples of the Philippines. Free and open to the public. Morrill 106.

6 p.m.-midnight. Writing Center's Walk-In Service. Rockefeller 302.

7:30 p.m. Wildlife and Zoo Animal Medicine Seminar: "Capture and Handling of East African Ungulates." Tracey McNamera and FE. Clemens. Schurman Hall D-215.

7:30 p.m. Twig Bible Fellowship sponsored by The Way of Cornell. Balch Unit 2 study lounge.

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

8 p.m. *Cornell Cinema presents "The Great Ecstasy of the Sculptor Steiner," documentary, and "David Holzman's Diary," documentary. Uris Hall Auditorium.

Wednesday, March 14

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

12:30 p.m. Lutheran Eucharist Service. Anabel Taylor G15.

12:30-4:30 p.m. Writing Center's Walk-In Service. Rockefeller 302.

3:30-5 p.m. CIPRG important meeting for all members. Strategies for Truth-in Testing, Housing workshops, Auto Repair Guide, food pricing survey. Volunteers needed. Anabel Taylor 116.

4:15 p.m. China Japan Program presents free Japanese Film Series: "Spring Fragrance" (Shin, 1964). Uris Hall Auditorium.

4:30 p.m. Mini Micro Seminar Series: "A Mini-Computer Based Card Checking System for Cornell Dining." David Koeler, APS, Cornell. Uris Hall G-14.

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

4:30 p.m. Biological Sciences Seminar: "Molecular Cytochemistry of Cell Movements." D.L. Taylor, Biological Laboratories, Harvard University. Clark 700.

5 p.m. Wilderness Reflections committee meeting. Straight Loft 2.

6 p.m. Hebrew Conversation. Anabel Taylor 314.

6 p.m.-midnight. Writing Center's Walk-In Service. Rockefeller 302.

7 p.m. Cornell Karate Club (Shotokan) beginners class. All welcome. Martha Van Rensselaer Auditorium.

7:30-11 p.m. International Folk Dancing. Teaching for beginners 7:30-9 p.m.; requests 9-11 p.m. Straight Memorial Room.

7:30 p.m. Cornell Women in Communications meeting: "Newspaper Publishing and Writing for Newspapers." Randall Shew, Cornell Chronicle. Plant Science 143.

8 p.m. *Cornell Cinema presents "The Magnificent Ambersons." Subscription. Uris Hall Auditorium.

8 p.m. H.F. Johnson Museum Lecture: "Music by Marcel Duchamp," an illustrated lecture with musical accompaniment by Petr Kotik, director of S.E.M. Ensemble in Buffalo. H.F. Johnson Museum of Art.

Thursday, March 15

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

12:15 p.m. Women's Studies Graduate/Faculty Colloquium: "The Bridge Between the Ordinary World and the World Beyond: A Study of Woman's Ritual Lament (Song and Performance) as a Communication Process." Anna Caraveli Chaves, Lecturer, Women's Studies Program. Uris Hall 494.

12:30-4:30 p.m. Writing Center's Walk-In Service. Rockefeller 302.

4 p.m. Issues on Contemporary Japan cosponsored by China/Japan Program and Western Societies Program: "Comparison of Technology: Japan and the U.S." Mieko Nishimizu, Woodrow Wilson School, Princeton University. Uris Hall 202.

6 p.m.-midnight. Writing Center's Walk-In Service. Rockefeller 302.

7 p.m. Cornell Karate Club (Shotokan) beginners class. All welcome. Martha Van Rensselaer Auditorium.

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