



# CORNELL CHRONICLE

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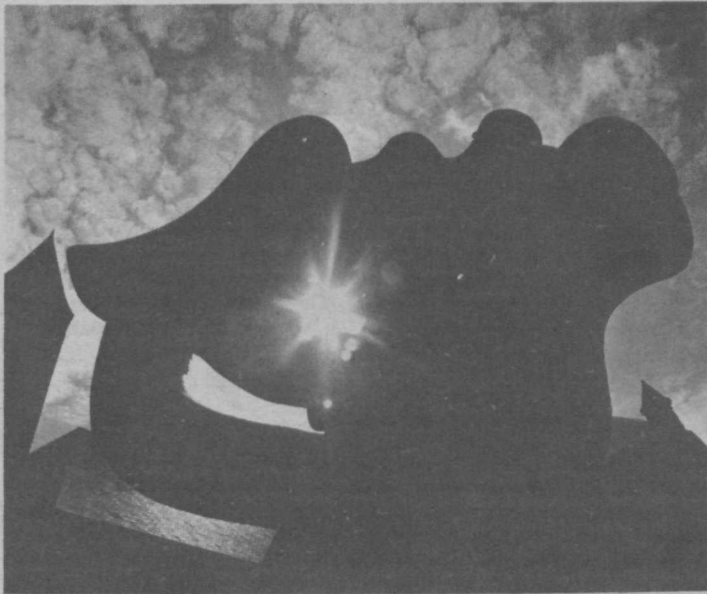
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## Song of the Vowels

...reaches toward the spring sky.

## CU Soccer Team Going to Poland

The Cornell soccer team, with a once-in-a-lifetime opportunity to play a series of games in Poland, is prepared to make extraordinary personal sacrifices to make the trip and Coach Dan Wood is hoping they'll get more-than-a-little help from their friends.

The 23-day August trip will cost some \$17,000, with the Polish government covering approximately \$6,400. The remaining \$10,600 will have to be financed either by the players themselves or by combining their funds with gifts from alumni and friends.

"The players and I are definitely planning to go," Wood said, "What will be hard on the players is the fact that the money they make with summer jobs usually goes toward their school expenses for the next year. This summer, they'll lose a month's work. We'll be engaged in several fund-raising projects and calling on some of our supporters for help so the players won't have to use all their earnings to pay for the trip."

Cornell's soccer team, which was invited to make the trip through the Polish Consulate General, will leave New York City on August 4 and return August 27. During the tour they expect to play eight to 10 games throughout Poland, concluding with a game against a Polish National Team in Warsaw Stadium.

"This will be a great experience for our players, both from a soccer and cultural standpoint," Wood said. "In addition to playing first-class competition, the itinerary calls for us to see everything from a coal mine to a palace."

Wood's teams have been very successful since he took over as head coach four years ago, going into post-season play every season.

The trip, which will be the first time a Cornell team has visited a country behind the Iron Curtain, would be the first for an athletic team visiting Poland. Enculturation, Inc. of New York City is sponsoring the tour which may include at least one other American collegiate team, St. Louis University.

## Medical College Gets Kidney Research \$

Continued research into the prevention of human kidney transplant rejection was made possible recently under a three-year \$123,941 renewal grant from the John A. Hartford Foundation to the Cornell University Medical College.

The research is under the direction of Dr. Robert R. Riggio, assistant professor of biochemistry and surgery and associate director of the Rogosin Kidney Center at The New York Hospital-Cornell

The University Senate approved a 1976-77 academic calendar which provides for a week-long fall semester recess as well as a Thanksgiving recess at its regular meeting Tuesday night.

In passing the calendar (right), the Senate also approved an amendment instructing its Calendar Committee to devise a bill by the May 6 Senate meeting creating permanent procedures for the establishment of the Law School calendar. These procedures shall apply to all calendars beginning with the 1976-77 academic year.

In previous years, the dean of the Law School has established the Law School calendar, which differs from the regular academic calendar in order to provide law students with two terms of instruction of 16 weeks each as mandated by the Court of Appeals of the State of New York.

Proponents of the amendment argued that the Senate should participate in setting the Law School calendar to insure student input and because the Senate is charged with setting academic calendars.

Consideration of the calendar occupied most of the Senate meeting. One of the arguments advanced against passage of the calendar by Dean of Students Elmer Meyer was that starting the academic year in August would cut down the amount of time that students would be able to work at summer jobs, creating an economic problem for many students. However, most of the student senators preferred

### Academic Calendar

Academic Year Begins	Thursday, Aug. 19, 1976
Fall Term Begins: Registration Period	Tues.-Fri., Aug. 24-27, 1976
Residence Halls Open	Tuesday, Aug. 24, 1976
Registration, new students	Thursday, Aug. 26, 1976
Registration, continuing and rejoining students	Friday, Aug. 27, 1976
Fall Term Instruction Begins	Monday, Aug. 30, 1976
Instruction Suspended for Fall Recess	1:10 p.m., Sat. Oct. 2, 1976
Instruction Resumes	Monday, Oct. 11, 1976
Instruction Suspended for Thanksgiving Recess, 1:10 p.m.	Wednesday, Nov. 24, 1976
Instruction Resumes	Monday, Nov. 29, 1976
Fall Term Instruction Ends, 1:10 p.m.	Saturday, Dec. 11, 1976
First Day Final Examinations	Wednesday, Dec. 15, 1976
Last Day Final Examinations	Thursday, Dec. 23, 1976
Spring Term Begins: Registration Period	Tues.-Fri., Jan. 18-21, 1977
Registration, new and rejoining students	Thursday, Jan. 20, 1977
Registration, continuing students	Friday, Jan. 21, 1977
Spring Term Instruction Begins	Monday, Jan. 24, 1977
Instruction Suspended for Spring Recess, 1:10 p.m.	Saturday, April 2, 1977
Instruction Resumes	Monday, April 11, 1977
Spring Term Instruction Ends, 1:10 p.m.	Saturday, May 7, 1977
First Day of Final Examinations	Monday, May 16, 1977
Last Day of Final Examinations	Tuesday, May 24, 1977
Commencement Day; Academic Year Ends	Monday, May 30, 1977

starting classes earlier in order to have a fall term recess.

The only other piece of legislation considered by the Senate was a bill establishing Senate meeting dates for fall 1975 and winter 1976, which was passed by unanimous consent.

A motion to move the date of the next Senate meeting from Tuesday, April 29, to Monday, April 28, in order that interested Senators might attend a talk by Karen DeCrow, president of the National Organization for Women (NOW), was defeated.

Earlier in the meeting, Senator Jeffrey A. Diver asked speaker Ben Nichols to rule the forthcoming elections for stu-

dent trustee illegal. The basis of Diver's argument was that Senate bylaws require all elections to be conducted by the Nominations and Elections Committee (NEC). This second, special election is being run by a special committee appointed by the Executive Committee, since the NEC of the sixth senate was not established early enough this term to conduct the election.

Nichols ruled the election legal, since the NEC of the fifth Senate was involved in the decision to hold a special election this spring. Diver appealed the ruling of the chair, which was upheld by the Senate with only one dissenting vote.

## Courses for Employees Offered Through June

Cornell employees seeking to improve their job or career skills may take a number of short training and development programs offered by the Office of Personnel Services through June 1975, according to Gerald S. Thomas, director, training and development.

More complete information may be obtained from the Training and Development Opportunities Handbook distributed to all employees earlier this year, he said.

The cost of the programs, except where otherwise specified, will be called to the sponsoring departments. Nominations for all programs in excess of

capacity will be held for future programs.

For reservations and information, call Linda Tewes, 256-4869.

Principles of Supervisory Management: May 12-16, 1975, 1 to 4 p.m. each day. Meetings will be held in the ILR Conference Center. Check the bulletin board for room. Cost is \$12.50.

Conducting Effective Problem Solving Meetings: May 1, 1975, 9 a.m. to noon. Repeated on June 5, 1975, 1 to 4 p.m. To be held in the ILR Conference Center. Check the bulletin board for room. Cost is \$12.50.

### Polling Places Changed

Two of the polling places for the Student Trustee election have been cancelled. They are Carpenter Library and the Dairy Bar. All other polling places and times are as they were listed in last week's Chronicle.

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## In Support of COSEP

## UJAMAA Planning Rally

A march and rally in support of Cornell University's Committee on Special Education Projects (COSEP) program will be held Friday (April 18). The "Hands Off COSEP NOW" march will begin at 11 a.m. in front of the Africana Studies and Research Center and will end in a noon rally in front of Willard Straight Hall.

Ujamaa Residential College, which is sponsoring the march and rally, issued the following statement Tuesday:

"In February 1975, minority students were made aware of

University administration plans to 'reorganize' COSEP (the Committee on Special Education Projects). COSEP provides student support services such as financial aid, tutorials and orientation with minority interests as its primary concern. The University has decided to incorporate the COSEP program into its financial aids and admissions offices which effectively would phase COSEP out, thus reducing minority support services.

"On March 6, 1975, a 60-day

moratorium was declared on the issue during which no action would be taken by the University to 'reorganize' COSEP. All concerned Cornell administrators, faculty and students are apprehensive about the future status and numbers of minorities on this campus if these plans are implemented.

"On April 19, 1969, Willard Straight Hall was occupied by Black Cornell students in protest of the University's racial persecution and oppression. The 'Straight Takeover' has become a nationally-known symbol of what happens when an institution continuously oppresses its minority community. The present conditions at Cornell University are highly reminiscent of the conditions existing at the time of the 'Straight Takeover.'

"The 'Hands Off COSEP Now' march and rally is to draw attention to the current and continuing conditions at Cornell University under which minority students must survive. Also, it is a show of strength and solidarity amongst minority students.

"The main purpose of the rally is: 1) to show the University that the minority community opposes its plans to reorganize COSEP; 2) to petition the University for the withdrawal of the 60-day moratorium; 3) to demand that the University leave COSEP as it was in 1974 until a thorough investigation involving both minority and administrative representatives has been made; 4) to demand the recognition of the Minority Coalition as the representative body of the minority community.

"Constructive changes of COSEP will only occur if the primary interests involved are those of the minority students. Only in this manner will the adversary relationship between the minority community and the University administration be alleviated."

For more information contact Ujamaa Residential College at 245-4685.

## \$25,000 Given By CIS to 38

The Center for International Studies (CIS) at Cornell has awarded \$25,000 in grants to support junior faculty and graduate student research activities, according to Milton J. Esman, director of CIS. The research will be done on problems relating to international and comparative studies.

Research grants have been awarded to 38 scholars representing more than 30 academic fields, Esman said. A total of 90 research proposals were submitted.

Among the research projects funded by the grants are studies of internal migration in Latin America, Philippine irrigation systems, the energy crisis in Kenya and Tanzania, mental illness in Ireland, U.S. involvement in Okinawa and sino-Vietnamese source materials.



Jack M. Schrager

among the humanists makes that term inappropriate. For the most part, the humanists, as Plumb realized, cling blindly to traditional attitudes or else retreat into the purity of their professional worlds, denying any social function for their scholarship."

"A liberal education," he says later in the article, "should expose the student to great writers, great ideas, and fine expression. It should encourage articulate writing and thinking, and indicate that these abilities are to be put to work in civic as well as private affairs. It should acquaint the student with the fact that ideas and civic problems and literary values are proper objects around which men may associate ... I have suggested that the end of liberal education is the expansion of the individual's capacity for self-improvement, but I have only delimited the parameters of that concept in vague ways. For the exact nature of that external end is to be determined by the faculty and the students: It finds its expression in the courses which are offered and required."

And it is the nature and purpose of these courses that form the never-ending dialogue that is fundamental to the meaning of a liberal arts education, a dialogue that is but a faint whisper these days, Schrager said in discussing his article. He plans to go to law school in the fall.

## Dean's Essay Contest: Schrager Wins \$150

The failure of students and faculty to discuss more seriously and openly the meaning and ends of a liberal education was the focus of the winning student essay in this year's Dean's Essay Contest in the College of Arts and Sciences.

Winner of the \$150 prize was Jack M. Schrager of 9 Wellington Rd., Merrick, a senior majoring in history. He concluded his 2,000-word paper by stating, "The end of liberal education has never been static: It evolves with society. In a time of great social change, it is no wonder that the end of education is a matter of great dispute or that new courses and programs of study arise more frequently than ever before. The question needs more open and serious debate, among faculty from different departments and among students with different experiences."

He opened the essay with the observation that "The contemporary hegemony of science and industry has shattered the confidence of humanist scholars to lead or instruct. It is tempting to follow the lead of J.H. Plumb, and refer to the situation in the humanities as a 'crisis' but the absence of any widespread soul-searching

## Murphy Named

Henry Murphy, librarian of the Mann Library and assistant director in the Cornell Libraries system, has been named assistant director for statutory college libraries, according to J. Gormly Miller, director of University Libraries.

Murphy will continue as librarian of the Mann Library but his responsibilities have been enlarged with respect to the coordination of planning, budgeting and program analysis within all of the statutory unit libraries that are part of the University Libraries system.

He will provide coordinated information and recommendations gathered from the University Libraries, from all the statutory unit libraries and from the State University of New York (SUNY) to the deans and librarians of the statutory unit libraries for budget preparation and program planning.

## Job Opportunities

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

## POSITION (DEPARTMENT)

Administrative Aide I, A-18 (Computer Graphics)  
Administrative Aide I, A-18 (Secretary of the Corp.)  
Sr. Administrative Secretary, A-17 (Latin American Studies Program)  
Administrative Secretary, A-15 (Personnel)  
Administrative Secretary, A-15 (Biochemistry)  
Administrative Secretary, A-15 (CRSR)  
Department Secretary, A-13 (Electrical Engineering)  
Steno II, NP-6 (Diagnostic Laboratory)  
Steno II, NP-6 (Coop. Ext. Admin.-Scheduling Ofc.)  
Administrative Clerk, A-16 (Dean's Ofc., Arts & Sciences)  
Principal Clerk, A-14 (Arts & Sciences - Admissions)  
Clerk, A-12 (Typewriter & Instrument Repair)  
Addressographer I, A-11 (Graphic Arts)  
Principal Clerk, A-14 (Personnel)  
Library Assistant III, A-15 (University Libraries - Catalog)  
Library Assistant III, A-15 (University Libraries - Music)  
Library Assistant II, A-12 (Romance/Germanic) (University Libraries - Serials)  
Searcher II, A-15 (German) (Univ. Libraries-Acquisitions)  
Searcher I, A-13 (Romance/Germanic) (Univ. Libraries - Acquisitions)  
Searcher I, A-13 (Chinese) (Univ. Libraries - Acquisitions (Wason Coll.))  
Orthopedic Surgeon (University Health Services (p/t))  
Research Associate Manager (Computer Graphics)  
Executive Officer, Adm. Mgr. I, CP04 (Economics)  
Assistant Dean of Students Student Dev. Spec. 3, CP05 (Office of the Dean of Students)  
Director, Engr. Minority Pro. & Asst. Div., Engr. Admissions, CP05 (Engineering Dean's Office)  
Manager-Financial Operations CP05 (B&P)  
Comp. Staff Spec. (Telecommunications Specialist), CP05 (Office of Computer Services)  
Coop. Exten. Specialist-Field Crops (Coop. Exten. Admin.-Alton (1 yr.))  
Resident Director CP02 (3) (Dean of Students Office)  
Director of Admin. Operations (College of Agric. & Life Sciences)  
Counselor (Div. of Academic Services)  
Extension Associate (Agricultural Engineering)  
Health Services Admin., CP06 (University Health Services)  
Editor, CP02 (University Publications)  
Associate Admin. (Area Manager), CP06 (Dining Services)  
Dining Service Manager II, CP05 (Dining Services)  
Business Manager, CP05 (Dining Services (July '75))  
Admissions Counselor (Div. of Academic Services NYS College of Human Ecology)  
Asst. Football Coach (Physical Education & Athletics)  
Associate Administrator, CP06 (Physical Education & Athletics)  
Extension Aide (Agricultural Engineering (1 yr.))  
Extension Associate (3) (Div. of Nutritional Sci. (1 yr.))  
Research Support Specialist (Ornithology (1 year))  
Research Associate (Poultry Science (2 yrs.))  
Research Technician, A-21 (Biochemistry)  
Research Technician, NP-14 (Animal Science (3 yrs.))  
Laboratory Technician I, NP-8 (Genetics, Devel. & Phys. (1 yr.))  
Lab Technician, A-15 (Biochemistry (1-2 yrs.))  
Lab Technician, A-15 or A-17 (Biochemistry)  
Lab Technician (Ecology & Systematics (1 yr.))  
Postdoctoral Research Associate (STS (1 yr.))  
Postdoctoral Associate (2) (Genetics, Dev. & Phys. (1 yr.))  
Postdoctoral Associate (6) (LASSP (1-2 yrs.))  
Nursery School Co-Teacher (University Cooperative Nursery)  
Vending Mechanic, A-17 (Dining Services)  
Custodian (Student Housing)  
Instructor - Modern Dance (Women's Physical Education)  
Instructor (Physical Education)  
Cook I, A-15 (Dining)  
Heating Plant Worker, NP-8 (B&P (Geneva))  
These are all permanent full-time positions unless otherwise specified.

## PART-TIME AND TEMPORARY POSITIONS

(All Temporary and Part-time positions are also listed with Student Employment)  
Steno II, NP-6 (N.E. Regional Center (temp. f/t))  
Statistics Clerk (N.S.) (Agricultural Economics (temp. p/t))  
Extension Specialist (NYSSILR (temp. f/t))  
Research Aide (Agricultural Economics (temp. f/t))  
Research Aide (LASSP (temp. f/t))  
Research Associate (Agronomy (1 yr.))  
Research Associate (Education (1 yr.))

Continued on Page 4

## Gannett \$66,000 For Medical Program

The Frank E. Gannett Newspaper Foundation Inc. of Rochester, N.Y. has awarded a \$66,000 grant to Cornell to fund a comprehensive study of the University's medical program and facility needs.

Cornell's existing clinic, named in honor of Frank E. Gannett, Cornell Class of 1898, was built in 1957 with a grant from the same foundation of \$525,000, and enlarged in 1965 with additional support of \$175,000. Total support of Cornell by the foundation to date is \$966,500.

During a recent visit to campus, Vincent S. Jones, executive vice president of the foundation, said "Mr. Gannett, who was a Cornell trustee for 23 years, frequently attributed his success in life to his Cornell education. His constant concern was for the betterment of the lives of Cornell students. It is entirely suitable that this

concern should be carried on by the foundation."

Dr. Allyn B. Ley, director of health services, and James W. Yarnell, director of the planning office at Cornell, will supervise the study. Its first objective, they say, is the best possible care for Cornell's community of approximately 16,000 students. Ley and Yarnell agree that a fundamental requirement is consolidating the out-patient services now handled at Gannett Clinic with the infirmary facilities now at Sage Infirmary. The study also will examine the desirability and feasibility of expanding University health services to provide care for Cornell faculty and staff.

Frank E. Gannett, who died in 1957, founded the newspaper group bearing his name. The Ithaca Journal is one of 50 dailies in the group.

## 103 Exempt Classification Appeals Being Reviewed

Some 103 salary classification assignments appealed by endowed exempt employees at Cornell are currently being reviewed, according to Nancy Elliott, compensation manager. The appeals were filed by Feb. 14, after December implementation of a nine-grade salary classification system affecting some 760 endowed exempt personnel.

Elliott estimated the review process would be completed no later than July 1, 1975. She said no decision has yet been made about when salary adjustments will become effective when the appeal results in a higher salary grade assignment. The total cost of such adjustments must be determined first, Elliott said, and a source of funding located.

The appeals are being reviewed by functional vice president's or dean's area, according to Elliott. Robert V. Sweetall, associate director of the Office of Personnel Services, and Elliott will meet first with the employee's director; then Elliott will meet with

each appellant individually.

Final decision will be based on recommendations from Elliott, the appellant's director and the vice president or dean.

Elliott said the review of appellants under William G. Gurowitz, vice president for campus affairs, is almost completed; this area contained the largest number of appeals, Elliott said, although some classifications were appealed by several employees. Review is underway on appeals by personnel under Arthur H. Peterson, University treasurer.



### CORNELL CHRONICLE

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## Profile

# O'Grady: Caring Custodian

June 1975 will be the 100th anniversary of Sage Chapel.

June 1975 will also be the 30th anniversary of Floyd O'Grady as Sage Chapel custodian.

When O'Grady first came to Cornell in 1945, he was assigned custodial duties at Stimson Hall, then the zoology building. "I worked there for a few days and then they came and said, 'Come on, we'll show you the rest of your area.' I said, 'There's more?' And they brought me to the chapel."

What was O'Grady's first impression of Sage Chapel?

"My first impression was the same as it is today — it's the greatest place in the world. It's beautiful. I love the music, I love the students — and I like to talk to people. It's been a real pleasure to work here at Cornell."

O'Grady, a native of Trumansburg, has been chapel custodian for almost one-third of the time that the chapel has been in existence. "I can't begin to count how many students I've known over the years — it's impossible. They come back to see me at reunion. I used to learn everybody's name — first name and last — but now I just try to get down all the first names."

What kind of changes has he seen in the chapel over the last 30 years?

"There haven't been too many changes in the chapel itself — a few windows have been added, that's all. I guess the biggest change has been from the old-time worship services to the convocations."

O'Grady — known to generations of Cornellians simply as "Floyd" — recalls fondly the Sundays from 1951 to 1963 when President Malott gave the readings at the chapel services. "Malott wanted to be a part of the whole campus — he didn't just want to raise money and talk to the trustees. So he read the Scriptures every Sunday in the chapel. That was when we really had good services."

Attendance at Sage Chapel services has fallen off considerably since then. "It was low like that in the early days, too, when I first came here. It just happens — you can't pinpoint the reasons. Some years we have weddings in the chapel all the time. Some years we don't have any. It just happens."

What's the most moving Sage Chapel occasion for O'Grady? "The Christmas concert, always — that's mine." For the past few years, the choir has given two performances of the Christmas program, in order to accom-



Floyd O'Grady

modate all those who want to come.

"I go to both performances. I remember when Dr. Grout was conducting the choir he would say to me, 'Floyd, I don't think they're going to make it, I don't think they'll be ready to sing the concert on time,' but I always told him that they would, and they always did."

"I've seen a lot of changes on the campus," O'Grady continued. "I'm sorry to see the green campus disappearing, but I guess they need the buildings. I don't think I'll ever get used to Old Rusty, though."

"Things change, people come and go, but the students stay the same. I was really worried in 1969 when the blacks took over the Straight that the chapel would be damaged or that people would stop sending their kids to Cornell. But the good feeling came back, and I think it was all for the best. Students may have had long hair and beards but they still loved the chapel — they're still great people."

Does O'Grady ever think about retiring? "I think about it ... I'm wondering what it will be like to not be in Sage Chapel."

Wendy Zomparelli

## Center Adds Counselors for Women

Women and racial and ethnic minorities of both sexes, long excluded from equal competition in the employment market place, may, as 1975 graduates of Cornell University, be entering a job market this summer which may hit a 9 per cent level of unemployment nationally.

Other women and minority graduates of Cornell have or may be vying for increasingly competitive openings in professional and graduate schools; still others postpone their career planning.

To help women and minorities compete, the Cornell Career Center has within the past two years added two full-time career counselors specializing in the employment concerns of women and of minorities, respectively.

Charlotte Shea, hired in the fall 1974, estimated some 90 per cent of the persons she sees — undergraduates, graduate students, faculty and graduate student spouses and alumni — are women. Thomas Luten's

"clientele is basically all the ethnic and racial minorities on campus." He joined the staff in fall 1973 and sees both men and women.

Luten finds he serves "as a pre-law, pre-med and a grad school advisor; pre-law is probably my specialty," he said. He considers financial aid, including admissions fees, one of the largest stumbling blocks for minority students, particularly in light of tightening summer employment and fellowship opportunities.

Both Luten and Shea believe that academic advisors could help students more, so that, working with the Career Center, many more students could be reached with adequate career counseling and job placement help.

"A lot of students have complained about a lack of counseling," Luten said. "Some students have good enough grades but they don't know what their chances are of getting into grad or professional school, or of getting a job."

Consequently he encourages minority students to apply early in October and November, although he finds they often get their applications in just before the deadline, or interview too late for summer jobs.

Neither Luten nor Shea "get" students jobs or "get" them into advanced educational programs. Instead, Luten said, "I encourage them to investigate different areas, write good letters, resumes and prepare for interviews — and I lost some students this way," he admitted.

"What we're trying to do here is create as many options as possible based on skills; I believe in versatility," he added.

Shea noted the current "emphasis on women as achievers, which is good. Those who seek us out tend to be achievers, but the challenge for us is to reach those who don't come in." She is responsible for a series of workshops for women on expanding roles in

business, science and technology, industry and non-traditional careers which have been or will be offered this spring.

She continues to see a conflict for women between home and family and career development: "It's a major question and will be for a long time until everybody accepts women as achievers in any profession."

Luten said the Career Center has increased the number of seminars and special programs on career planning because of the tight job market this year. "Students are becoming more aware of the difficulties in landing a good job."

Both Luten and Shea counsel students to consider their total backgrounds rather than narrowly concluding they have no skills in a specific area and therefore crossing it off. "An undergraduate university education provides a person with a host of 'functional' or problem-solving skills. Work content skills can often be learned on the job," Shea said.

# Chronicle Comment

*Chronicle Comment is a forum of opinion for the Cornell community. Comment may be addressed to Elizabeth Helmer, managing editor, Chronicle, 110 Day Hall.*

## 'Save: Prolong Envelope Life'

Editor:

Why is so much time and space devoted to the cost of tape used on campus mail envelopes? In the first place, since we're nit-picking, one piece of tape on an envelope is used several times, not just once.

More important, however, is the cost of the envelopes themselves. General Stores tells me that large envelopes cost 3¢ each and small ones

cost 1¢ each. Most of the envelopes are discarded long before they are worn out because writing space is used up. While it is true that some envelopes have double columns of writing space, most do not.

If the previous writers are so concerned with frugality, they might better put their time and energy to solving the problem of prolonging the life of the en-

velopes.

Lil Dietz  
Sr. Adm. Secy.

*Editor's Note: Yes, perhaps we have been a bit conservative in our approach to conservation and should look to new aspects of the same problem. Your point concerning envelopes is a good one. The Office of General Services would be grateful to receive other suggestions from the Cornell Community.*

## Employee Award, Publication Asked

Editor:

In keeping with objectives outlined in my letter to this column, March 6, the following announcement is made:

I will be in room 129, Rockefeller Hall Tuesdays and Thursdays of each week from 5 until 6 p.m. In order to meet with me at any other time please call 272-5544 or write me at Space Science Building to arrange an appointment. (I

will be out of town the first and second weeks in May.) I urge any member of the community to come and talk about ideas that might make for a better Cornell University. There is an abundance of talent on campus. Please share it!

A few of the suggestions that have surfaced so far:

1. The establishment of an "Employee of the Month Award."

2. An Employee publication — perhaps produced by volunteers for the purpose of improving communications. The monthly publication, "Dialogue," is an example of what might be done.

These and other ideas need more input and study.

George Peter  
Employee Trustee

## SOS \$10,440 Grant

## NSF Funds Sight Research

A Cornell study of the photosensitive abdominal nerve cell or "neuron" in a foot-long shell-less snail may yield a clearer picture of how light energy is converted into electrochemical energy — a puzzle which is an integral part of the visual process and must be fully understood before the mechanism of vision can be elucidated.

The research is being carried out by an interdisciplinary team of student researchers led by sophomore James Pancurak of Clark, N.J., under a \$10,440 grant from the National Science Foundation's Student-Originated Studies (SOS) Program. Faculty adviser to the project is Aaron Lewis, assistant professor of applied and engineering physics.

Researchers have known for some time that the primary molecule in vision is rhodopsin, a substance which converts light energy into the electrochemical energy necessary to generate a neural response. The mechanism by which the conversion takes place, however, is not understood.

The photosensitive neuron in the snail's abdomen contains a photopigment similar to rhodopsin. Because the neuron is simpler in structure than even the most elementary eye, researchers hope they will be able to identify the energy conversion mechanism more easily using it.

Pancurak and the other students will use the technique of "tunable laser resonance

Raman spectroscopy" to determine the structure of the photosensitive pigment. The method involves aiming a laser beam at the neuron and interpreting the scattered light produced.

The technique, which Lewis has been developing, allows researchers to selectively observe a pigment inside the cell without disrupting the cellular mechanisms.

Once they have determined the structure of the photosensitive pigment, Pancurak together with his co-workers will correlate their data on the structure and interactions of the pigment with known electrophysiological responses of the abdominal neuron. Their studies will try to identify the function of the photopigment in the energy-converting mechanism.

The SOS program provides support for interdisciplinary groups of students who demonstrate ability to assume responsibility for their own educational development. Each project is conducted under the leadership of a student.

*All items for publication in Cornell Chronicle must be submitted to the Chronicle office, 110 Day Hall, by noon on the Monday preceding publication. Only typewritten information will be accepted. Please note the separate procedure and deadline for calendar entries, as explained at the end of the Chronicle Calendar on the back page.*

## James A. Baker

Dr. James A. Baker, Cornell University professor of virology and director of the New York State Veterinary College's Veterinary Virus Research Institute, died Tuesday, April 14, in Tompkins County Hospital after a short illness. He was 64.

A scientist and educator for more than 30 years, Dr. Baker established at the Veterinary College an unprecedented basic research facility for studying infectious diseases in domestic animals in 1950. The Veterinary Virus Research Institute continued to be the focal point of Dr. Baker's professional life for 25 years.

Under his direction, the institute developed a new principle of vaccination capable of protecting animals early in life when the short-term, varied-level immunity inherited from the mother could be waning and conventional vaccination is ineffective.

An integral part of the institute is the Cornell Research Laboratory for Diseases of Dogs. Supported through private contributions, the laboratory has developed canine vaccines and worked on major canine health problems.

Dr. Baker is survived by his wife, Hallie Dodson Baker; a son, Andrew; two brothers and a sister. The family requests that instead of flowers, friends make contributions to the Veterinary Virus Research Institute.

A memorial service for Dr. Baker will be held today at 12:30 p.m. in Sage Chapel.

## CIT Gives \$10,000 In Honor of Purcell

A \$10,000 "Recognition Award" in honor of Robert W. Purcell has been made to Cornell University by CIT Financial Corp.

Purcell, a member of the CIT board of directors, was graduated from Cornell in 1932 and from the Cornell Law School in 1935, and is currently chairman of the University's Board of Trustees.

Announcement of the award was made by Walter S. Holmes Jr., chairman of the CIT board of directors. Cornell President Dale R. Corson said the \$10,000 will be split evenly between two funds previously established at Cornell by Purcell. The first fund is Cornell

Special Education Projects (COSEP) which provides assistance for students from minority groups, principally black, needing financial support to continue their studies. The second fund helps support the Africana Studies and Research Center at the University.

The grant in Purcell's name is part of a program through which CIT Financial Corp., New York-based multiline financial services organization, gives recognition to the contributions of its directors, principal officers and the chief executives of its major operating subsidiaries.

## Freshmen Calculus Contest

All registered Cornell freshmen can test their skill at calculus while competing for \$100 worth of prize money during the Mathematics Department's second annual Henry Alfred Hoover Freshman Calculus Competition. The contest will be held on Wednesday, April 23, from 7:30 p.m. to 9:30 p.m. in Goldwin Smith C.

Competition participants will take a two-hour examination on the calculus of functions of one real variable. Students finishing one year of college calculus (Math. 112, 122, 192 or 194) this semester are urged to compete, as are freshmen who studied calculus before coming to Cornell.

The competition is made possible through a \$1,000 bequest from Henry Alfred Hoover who earned a master of arts degree from Cornell in 1925.

First prize in this year's contest will be \$50; second prize will be \$30; third prize will be \$20. Prize money may be apportioned differently in case of a tie and in unusual circumstances, fewer than three prizes may be awarded.

Freshmen planning to enter the competition must register in White 125 on or before April 22.

## Three Cornell Freshmen Receive Chemistry Prize

Three Cornell University freshmen have received the Laubengayer Prize from the University's Department of Chemistry for their outstanding performance in introductory chemistry courses. Each student received a citation and a \$75 award.

Awards were presented to Jeffrey Kelly of Marcellus, N.Y., a student in the College of Agriculture and Life Sciences; James Cosgrove of Pittsburgh,

Pa., a student in the College of Arts and Sciences; Marc Stephens of Center Berlin, N.Y., a student in the College of Human Ecology.

The Laubengayer Prize was established in honor of A.W. Laubengayer, a Cornell chemistry professor, upon his retirement in 1966. The prize commemorates Laubengayer's interest in undergraduate students and his extensive activity in undergraduate instruction.

## Job Opportunities

*Continued from Page 2*

Research Technician III, NP-12 (Equine Drug Testing (Saratoga) (temp. f/t))  
Research Technician III, NP-12 (Equine Drug Testing (Vernon) (temp. f/t))  
Research Technician II, NP-10 (Plant Breeding & Biometry (temp. f/t))  
Research Technician IV, NP-10 (Natural Resources (temp. f/t))  
Lab Technician - Hourly (Biochemistry (temp. f/t or p/t))  
Lab Technician II, NP-11 (Animal Science (temp. f/t))  
Lab Technician, NP-8 (Equine Drug Testing (Saratoga) (temp. f/t))  
Lab Technician, NP-8 (Equine Drug Testing (Vernon) (temp. f/t))  
Lab Technician, A-17 (Material Science Center))  
Lab Assistant (Neurobiology & Behavior (temp. f/t))  
Technical Aide (Animal Science (temp. p/t))  
Coop. Extension Specialist (Coop. Ext. Admin. - Chazy, N.Y. (temp. f/t))  
Technical Aide, NP-9 (2) (Natural Resources (temp. f/t))  
Custodian, A-13 (Student Housing (temp. f/t))  
Pest Management Scout, NP-6 (2) (Entomology (temp. f/t) (Geneva))

## Heiberg Memorial Award Given Dickson

Professor Alex Dickson, of the Department of Natural Resources at the New York State College of Agriculture and Life Sciences, was honored with the Heiberg Memorial Award of the New York Forest Owners Association April 12 in Syracuse.

The award is made annually to an educator who has made outstanding contributions to tree growers.

Dickson, a member of the College faculty since 1961, is noted throughout the State for his extension work in forestry, Christmas tree growing, Balsam tree growing, and

general education programs for forest owners. He also teaches a course to Cornell undergraduates on the public relations aspects of natural resources management.

Born in Scotland, he obtained his forestry training at the University of Aberdeen and at the New York State College of Forestry at Syracuse University. He pioneered extension forestry work for the Saskatchewan Department of Natural Resources, and served as the director of the Natural Resources Training School in that Canadian province before coming to Cornell.



**LOOKS GOOD, BUT ...** just how nutritious is this meal? And if you wanted to eat less meat, how could you get enough protein? These and other questions will be discussed on World Food Day, April 17.

## World Food Day Calendar

9 a.m. to 5 p.m.

Movies shown continuously at the International Lounge of Willard Straight Hall (North Ivy Room during meals): "Tilt," "An Act of Innocence," "Hunger in America," "Celery, Seals and Pelicans" and others.

Slideshows continuously at lobby and Memorial Room of Willard Straight Hall (WSH).

Exhibits (WSH Memorial Room) on "Food and the Environment," "Politics of American Food Policy," "U.N. and UNICEF," and others.

9 to 11 a.m.

Discussions on "Strategies of Food Distribution" led by the Rev. William E. Gibson and "Life Style Changes" at WSH Memorial Room.

11 a.m. to 12 noon

Nutrition Workshops, including organic farming, food stamps and vegetarian food samples at WSH Memorial Room.

12 noon

Rally in front of WSH (at Memorial Room, if weather is bad). Speaker Bob Adams, a graduate student in international nutrition, has recently returned from the Sahel district of Africa where he served as director of the World Council of Churches' Food Program in Niger; other speakers on the world food crisis.

1 p.m. to 3 p.m.

Discussions, "Voices from the Third World" at WSH Memorial Room, on "Land Reform and the Hunger Crisis" by P. Sampo, "World Hunger and Politics" by Joel Gajardo, "Alternative Strategies for Food Distribution" by William E. Gibson, and "United Fruit and the People: Banana Plantations in Honduras" by Marcos Fonesca.

3 to 4 p.m.

Workshop, "Population and Development," WSH Memorial Room.

4 p.m.

Panel Discussion, "International Agriculture Development: Confrontation or Cooperation" with Gilbert Levine, director, Water Resources and Marine Sciences Center, Ben Stavis, research associate, Center for International Studies, and P. Rodney, visiting professor, Africana Studies and Research Center at WSH Memorial Room.

8 p.m.

Lecture and Discussion, "U.S. Policies and Priorities Concerning the World Food Crisis," Matthew F. McHugh, member of Congress, at Statler Auditorium.



## Shattuck Landscapes Exhibited

This is one of 35 landscape paintings by the Hudson River School painter Aaron Draper Shattuck (1832-1928) now on view at the Herbert F. Johnson Museum of Art. Drawn from the private collection of Eugene and Katherine Emigh, the paintings will be exhibited through May 25th.

## Rocket Pioneer to Give Talk

Wernher von Braun, the man who pioneered rocketry first for war and then for exploration of outer space, will present a talk and film on "Peaceful Uses of Space" at 8:15 p.m. Tuesday, April 22, in Bailey Hall.

The presentation is sponsored by Cornell University's Interfraternity Council and Sigma Phi.

Von Braun became interested in rocketry during the early 1930's. His Ph.D. research, done at the University of Berlin, contained a theoretical and experimental investigation of injection, combustion, equilibrium and expansion phenomena in a 1933 model liquid-fueled rocket engine.

His work led to full-time employment with the German Ordnance Department where he continued research on rocket development, including development of a long-range ballistic missile later known as the "V-2."

Shortly before the end of World War II, von Braun and his associates surrendered to

the U.S. Army. He came to America in 1945 under a contract with the U.S. Army and continued to work on military missile development.

Von Braun's work with missiles led him into the field of space exploration. From 1960 to 1970 he served as director of the George C. Marshall Space Flight Center in Huntsville, Ala. While there he worked on various missile designs including the Saturn series which sent a man to the moon.

In March, 1970, he transferred to the National Aeronautics and Space Administration headquarters to become deputy associate administrator responsible for

planning future U.S. space missions. He is currently a vice president in charge of engineering and development for Fairchild Industries.

Von Braun has won numerous awards including the Distinguished Civilian Service Award presented by the late President Dwight Eisenhower and the Freedom Foundation's National Recognition Award.

He has authored or co-authored many books, including "Across the Space Frontier," "Conquest of the Moon," "The Mars Project," "Exploration of Mars" and "First Men to the Moon."

## Jordani Society Plans 25th Annual Auction

If you're planning to give that "special someone" a live fish, reptile or amphibian as a token of your esteem, you may be able to pick up just the thing at a bargain price during the

Jordani Natural History Society's 25th annual auction.

The auction, to be held at 7:30 p.m. Friday, April 18 in Goldwin Smith Lecture Hall A, will feature its traditional assortment of live animals, a collection of fossils, animal skulls and some ancient scientific equipment once used by Cornell researchers.

Dr. Harold Evans, professor of veterinary anatomy and faculty adviser to the club, will serve as auctioneer. Admission to the auction is free and door prizes will be awarded.

The society will also sponsor a sale of items, such as small fossils, which cannot be auctioned, on Saturday, April 19 beginning at 1 p.m. in the first floor lobby of Stimson Hall.

The Jordani Society was named after early Cornell naturalist David Starr Jordan and is designed to promote interest in the natural sciences among Cornell students.

Because the society wants all live animals purchased to receive proper care, no one under 13 years old will be allowed to buy an animal unless accompanied by an adult.

## Sage Notes

The Board of Trustees has voted to increase the thesis fee for the Ph.D. degree from \$30 to \$40 effective July 1, 1975. This increase will affect all students paying their thesis fees on or after July 1.

The deadline for submission of all degree requirements for a June 1975 degree conferral is May 16, 1975. There will be no exceptions. Submission by May 1 will assure listing in the Commencement Program.

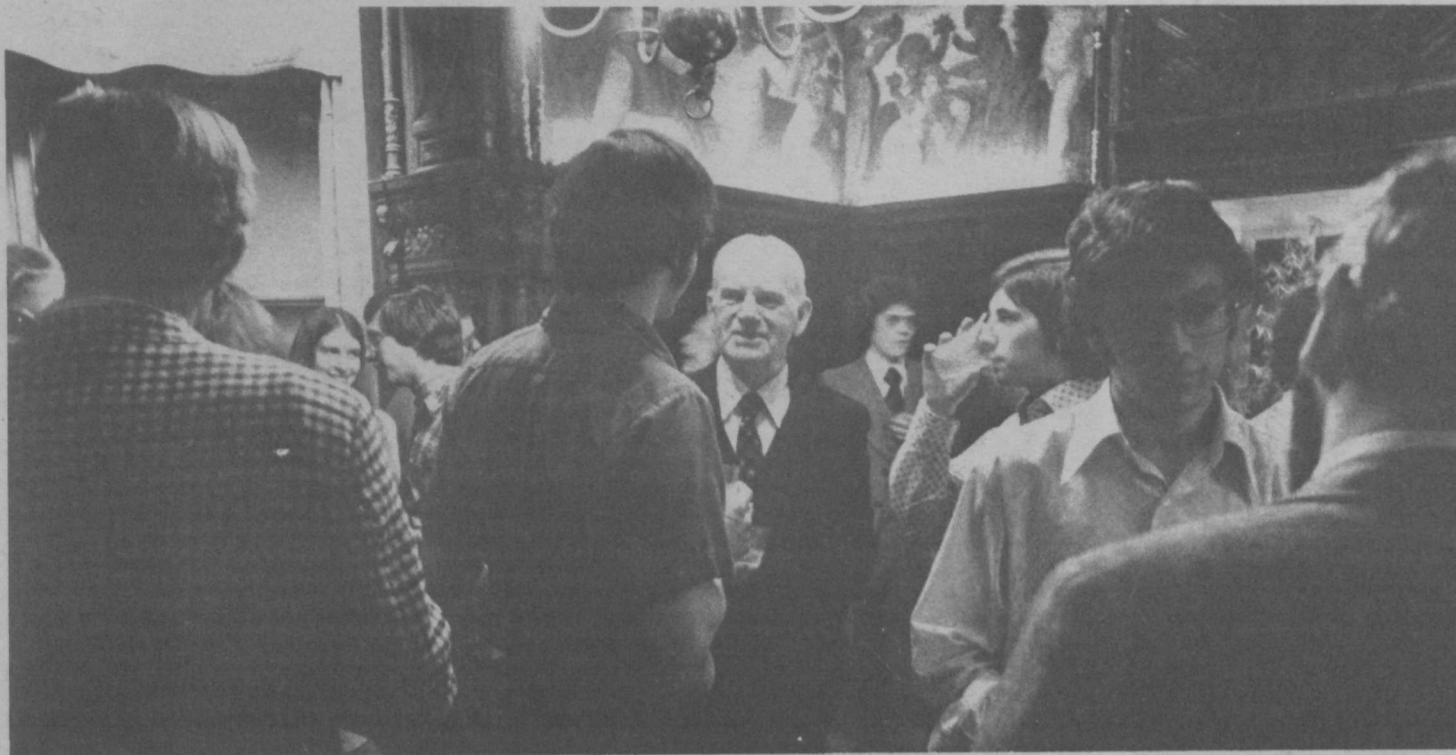
The next degree deadline date will be August 22, for degrees conferred August 27, 1975.

Final commencement information is available in the Graduate Office. Caps and gowns may be ordered through Student Agencies, 410 College Ave. The deadline for ordering is May 15.

A reception for all graduate students who participate in commencement exercises and their guests will be held in Sage Graduate Center immediately after the ceremony.

Degrees will not be awarded to students who owe funds to the University. All degree candidates should check their accounts with the Student Account Section of the Bursar's Office, 260 Day Hall, between May 12 and 21, 1975. Since mistakes can be made in the rush of commencement activities, all candidates should check even if they are sure there are no outstanding charges due the University. All students with loans must set up exit interviews with the Financial Aid Office.

## Student-Faculty Get-Togethers Open Door for Dialogue



Providing a living link with Cornell's past and traditions, Frank C. Baldwin, center, a member of the class of 1922 and dean of men, emeritus, shares his memories and insights with Arts College undergraduates during one of several student-faculty parties sponsored throughout the year in the Andrew D. White Center for the Humanities. Conceived of and funded by Baldwin's classmate, Richard K. Kaufmann, a long-time benefactor of the University, the get-togethers are intended by Kaufmann to provide the important person-to-person relationship that has been a part of Cornell's greatness through the years and that he feels will help insure its continued greatness in the future. Some 75 students and faculty picked at random by the Arts College Dean's Office attend the parties.

## New York Sea Grant Program Announces 1975-76 Support

The New York Sea Grant Program will be providing limited research support in specific related subject areas for 1975-76. Research support will be available in two forms: support for research projects of one to three years in the subject areas described below, and support for graduate students conducting research in line with Sea Grant objectives. The program is particularly interested in proposals on coastal recreation. Other areas of interest are marine resource management, food technology and marketing, agriculture and marine pathology, and policy studies. Also available are several traineeships and marine industry doctoral awards.

All applicants must prepare a one-page description of their research interest and submit it to a designated research leader by early May. Subsequent discussions will determine whether or not a proposal is prepared.

For further information on this program, contact Peter Curtiss at the Office of Academic Funding, 123 Day Hall (X6-5014).

## Barnes Is Winner Of Nutritional Award

Professor Richard H. Barnes, the James Jamison Professor of Nutrition in the Division of Nutritional Sciences has been named the 1975 winner of the Conrad A. Elvehjem Award for Public Service in Nutrition.

The award, sponsored by the Wisconsin Alumni Research Foundation, Inc., consists of \$1,000 and an inscribed scroll, and was made April 16 at the American Institute of Nutrition's annual dinner in Atlantic City, N.J.

Barnes, who was director of biochemistry at the Merck, Sharp and Dohme Research Laboratory in West Point, Pa., before joining the Cornell faculty in 1956, has had a distinguished career in nutrition science marked by numerous honors.

He has served as president of the Federation of American Societies of Experimental Biology and the American Institute of Nutrition, and for almost ten years he was editor of the Journal of Nutrition. He is also a Fellow of the American Association for the Advancement of Science and the New York Academy of Sciences, and in 1967 he was honored as the recipient of the Borden Award of the American Dairy Science Association.

He has written extensively for scientific journals on his special fields: the metabolism of carbohydrates, fats and proteins, new growth factors, lipid and cholesterol biosynthesis, and general biochemistry. He is also considered to be an authority on experimental protein-calorie malnutrition, and its effect on behavior.

Born in La Jolla, Calif., Prof. Barnes studied for his B.S. degree at San Diego State College and received his Ph.D. degree in physiological chemistry from the University of Minnesota.

As a professor of nutrition, Barnes is on the faculties of both the New York State College of Agriculture and Life Sciences, and the New York State College of Human Ecology.



## Fair Labor Act

## Exempt Status Changes

Approximately 20 University employees previously considered "exempt" from certain provisions of the federal Fair Labor Standards Act became "non-exempt" from those provisions effective April 1, according to Frederick R. Hodgson, assistant director, Office of Personnel Services.

The change in employment status is due to revisions of the Act increasing the minimum weekly salary required in order to be considered an "exempt" employee.

Half- and full-time employees affected include, among others, nurses, librarians, extension aides, research personnel and administrators.

Those affected by the change have been personally notified by Personnel Services,

Hodgson said. Although they must now keep accurate records of hours worked, they will not lose the University benefits associated with exempt status due to Cornell's "grandfather" clause providing for the continuation of exempt benefits for employees currently on the payroll. However, persons newly hired whose weekly salaries fail to meet the increased minimums will not be granted exempt employee benefits, he said.

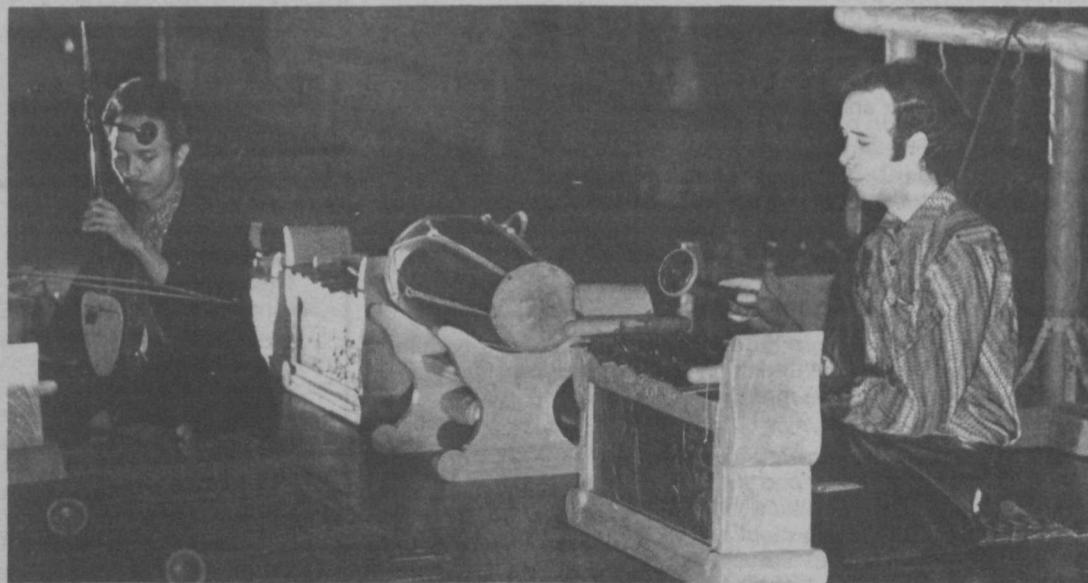
As a result of the revision, the minimum weekly salary required by law for executive and administrative "exempt" personnel has been raised from \$125 to \$155; for professional personnel from \$140 to \$170.

Hodgson said many of the

full-time employees affected will meet the increased salary minimum upon receipt of a \$500 across-the-board salary raise effective July 1975. In setting weekly salary minimums, the act makes no provisions for equating part-time salaries to their full-time equivalents.

Hodgson said that in Cornell's endowed exempt salary classification system, full-time employees currently must earn at least \$165 weekly. Thus, most of Cornell's 850 exempt endowed employees already exceed the increased salary requirements specified by the Fair Labor Standards Act.

Questions relating to these status changes should be directed to Hodgson, B-12 Ives Hall or by telephoning 256-5226.



Members of the Cornell Gamelan Ensemble will perform on the rebab (left) and the slentem (right) at their concert on April 21.

## Gamelan Ensemble to Give Concert

The Cornell Gamelan Ensemble will present "Concert and Dance Music of Central Java" in a free, public concert at 8:15 p.m. Monday, April 21, at Barnes Hall Auditorium.

Under the direction of Martin

Hatch, members of the ensemble will perform on such instruments as the rebab, a two-stringed bowed lute, the bonang barung, large suspended pots, and the celempung, a plucked, zither-like in-

strument.

Among the pieces to be presented will be Ketawang Langen-Gito, "Pleasurable Song," Ladrang Sapujagad, "Broom of the World," and Lancaran Rena-Rena, "Delighted."

## New Bursar Appointed

## Lyon Succeeds Miller

James F. Lyon has been appointed Cornell bursar, according to Samuel A. Lawrence, vice president for administration.

Lyon will assume his new duties as bursar May 1. He succeeds Ralph A. Miller, who is retiring from the University after 22 years of service as assistant treasurer and as University bursar since that office was established in 1971.

Lyon was graduated from Cornell in 1966. He taught high school mathematics and physical education for four years before coming to Cornell as an assistant director of admissions in 1971. Soon after he was appointed director of the student employment program in the Office of Scholarships and Financial Aid, where he has served until the present.

Lyon explains that he expects to retain frequent direct contact with students in his new position as University bursar. "You have to be in touch with students in order to run a student service operation — and the bursar function is a student service," he said.

"I see this job as a real



James F. Lyon

challenge," he continued. "Dealing with the bursar's office can be a difficult, even negative experience for a student — and frequently it is a student's first contact with the University. I think we can make it a positive experience for students by taking a real interest in the students as people — not just as accounts receivable."

The University bursar is responsible for student accounts and for billing all the students in the University. The bursar must also distribute all collected tuition funds among the colleges in the University and to those offices whose bills are collected centrally — such as Housing and Dining. The bursar's office also is responsible for the "Cornellcard" charge card operation.

Beginning in July, the bursar's office will assume a new function — the processing and collection of student loans. "The financial aid office will continue to determine which students receive loans, and the amount of the loans awarded. But the student will sign his loan agreement at the bursar's office and work with that office in repaying his loan," Lyon said.

Lyon, who played varsity basketball for Cornell and coached high school basketball teams, retains an active interest in the development of young athletes. He is a member of the board of the Greater Ithaca Activities Center.



Ellis H. Robison

## Robison Coins Given to CU To Endow Athletic Fund

Ellis H. Robison has given to Cornell coins from his collection valued at \$160,000, directing that the proceeds from their sale be used to endow the Robison Athletic Fund.

An earlier gift of coins from the Robison collection helped to provide for the construction of the Robison York State Herb Garden as well as an endowment for its maintenance.

In making his latest gift, Robison urged that other alumni and friends consider making similar gifts of coins, rare books, or art objects to the University.

The highlight of the coin collection given by Robison is an 1858 proof set of United States coins from a penny through a silver dollar.

Robison, a member of the Cornell Class of 1918, has already made cash gifts for the construction of the herb garden and to establish the

athletic fund. Appropriations from the latter will be made under the supervision of a committee including alumni from the Cornell Clubs of Schenectady and the Capital District, as well as Robinson's personal representatives.

The herb garden, given in honor of Mrs. Robison, was formally turned over to the University on June 13, 1974. Planned as a living museum, it displays more than 250 exotic and homely herbs, selected as much for their histories as for their usefulness.

Robison is president and sole owner of John L. Thompson, Sons & Co., a pharmaceutical firm in Troy, New York. The company, which celebrated its 175th anniversary two years ago, is now one of the largest and oldest independent drug houses in the country.

## 1975 Golf Season Opens

## CU Meets Ivy Leaguers

Cornell's golf team opens its 1975 season Saturday, April 19, with a first — the initial Ivy League Championship — and Coach Jim Fenner hopes the challenging start will mature his young team quickly.

Cornell will join the seven other Ivy schools at Yale in New Haven for their first tournament, 36 holes of medal play in one day. In previous years, the Ivy champion was determined by the order of finish in the Eastern Intercollegiate Golf Association (EIGA) Championship.

Five-man teams will be entered with the low four scorers figured for results. Pennsylvania, winner of the EIGA last spring at Cornell, will be favored, but Dartmouth (Ivy runnerup last year), Princeton (third) and host Yale (fourth) all will be strong again. Cornell was sixth last year.

"All the Ivy teams are strong," Fenner said, "and we don't appear to have the experience and depth to be serious contender for the title. It'll be great experience for our younger players and should help us later."

Bob Reed, senior captain

from Ithaca, will play No. 1 for the Big Red. He's been playing golf since he was 11 and is clearly the most experienced man on the squad. "He's our steadiest player and should have a good year," Fenner said.

Jim Rogers, a senior from Elmira, N.Y., will be strong in the No. 2 position. He lettered last year and is the current undergraduate Cornell champion after winning a 36-hole medal play tournament last fall. "Jim is a powerful player who's in excellent shape," Fenner said. "If he improves his control, he'll score very well."

Two sophomore letterman, Tom Johnson of Canby, Minn., and Bob Wight of Bemus Point, N.Y., will play No. 3 and No. 4, but neither is experienced enough to be counted on heavily this season.

"We'll have to find which three of the four remaining men are playing best before we set our lineup in the dual matches," Fenner said. All four are more-or-less equal at the moment.

The foursome is Mark Gearen, a junior from Oak Park, Ill., Jim Rubin, a senior from

Harrison, N.Y., Brent Summers, a freshman from Ithaca, and Dick Winnick, a freshman from Sidney, N.Y.

"I'm really pleased with the improvement Summers has made," Fenner said. "He's quite coachable and reminds me of Tom Cleary." Cleary, an Ithaca native, played for Cornell until he graduated in 1967. He was runnerup in the New York State Amateur in 1969.

"Cleary worked and progressed steadily," Fenner said. "I see the same kind of interest and enthusiasm in Summers."

The Cornell golf team has suffered the same fate as most other spring sports: A good spring vacation trip then weeks of inactivity because of the weather.

Fenner and his team went to North Carolina in Southern Pines. Cornell won its only match, 329-335, over Richmond Technical College.

"I felt the team played as well as any team in recent years," Fenner said. "The scores could have been better, but there were five greens in poor condition at Rockingham that made it tough."

Following their match with Richmond Tech, the two teams held a cookout and the Richmond team surprised Fenner and his squad by presenting them with a "Friendship Trophy." Fenner said he hopes to continue the spring relationship with Richmond Tech.



## AIC Assistant Coach Davis Joins Cornell Football Staff

Steven A. Davis, assistant football coach at American International College the last two years, has been appointed to the staff at Cornell, new head coach George Seifert announced.

Davis, 24, will be in charge of the offensive backfield, Seifert said.

At AIC he coached the de-

fensive secondary both seasons.

A 1973 graduate of Penn State, Davis starred as a defensive back for four seasons. He played in both the Cotton Bowl and the Sugar Bowl.

He is a native of Philadelphia, Pa., where he graduated from Overbrook High School.

He will join the staff in May.

## Freshman Woman

## Swimmer Sets Records

What's a world class woman swimmer doing at a place like Cornell?

For freshman Hilary (Huddi) Walsh of Haverford, Pa., who recently returned from an international meet in the Soviet Union, the answer is: "I was concerned about high academic quality and a swimming program that would allow me to continue my training routine. When I visited Cornell and Coach (Bill) Barton, I knew I could get both here."

Miss Walsh seems to be flourishing as a history major and as a swimmer, having qualified for the World Championship trials as a result of her performance in the Soviet Union.

Cornell and Ithaca haven't exactly been hotbeds of swimming activity; hockey has ruled the winter scene for the last ten years. But Rick Gilbert, director of aquatics, and Barton, the swimming coach, have been building and they've turned out winning teams the last two years, the first back-to-back successes for the Big Red in more than two decades.

Having a swimmer of Miss Walsh's ability won't hurt their recruiting either. "Huddi's an Olympic-class performer and any time you have a swimmer at that level, it tells people you're doing something right in your program," Barton said. He's just started recruiting women and feels it's easy to work with both men and women. "There's no difference mechanically in coaching, but there may be some difference in the coach-athlete personal relationship, depending on the nature of the people involved."

At the National AAU competition in California last August, Huddi showed her brilliance with a 5:02 in the 400-meter individual medley. At the time, the standing world record was 5:05. When the



Hilary Walsh

meet was over, Miss Walsh ranked second in the United States in the 400 IM and third in the 200-meter butterfly. The top three swimmers in each event usually make the Olympic team.

As might be expected, Miss Walsh broke pool records at every women's meet she entered this season. She set six records at the New York State women's meet in late February.

Only a few days later, she was off to the Soviet Union as a member of the United States team at the Russian National "Newspaper Meet" in Leningrad. During the five-day meet Huddi was first in the 200-meter individual medley (2:27.7), second in the 400-meter individual medley (5:11.8), and third in the 200-meter butterfly (2:29.2).

Miss Walsh was on a team of six men and six women of high school and college age. They competed against comparable teams from the Soviet Union, Sweden, Finland, West

Germany, Czechoslovakia, Cuba and England. Huddi was selected based on her performance at the National AAU meet last summer.

The seventh child in a family of 15 children, Huddi began doing what all her brothers and sisters were doing — swimming — when she was 9.

Before coming to Cornell, she swam for nine years with Philadelphia's Vesper Boat Club, an AAU swimming club. Her high school, the Holy Child School in Rosemont, Pa., didn't have a team, so all of her early instruction came from George Breen, an AAU coach and the coach at the University of Pennsylvania.

Huddi attributes most of her success to Breen who "taught me to love the sport. As a result, swimming has given me so much more than just winning a few races."

When Breen and the Penn team came to Cornell for a meet last year, Huddi came along. "I immediately liked the university and when 'Bart' assured me I could continue my training program and work out with the men's team, I was sold on Cornell," she said.

Breen, who has known "Bart" for years, was sure the Cornell coach could handle Huddi's training. "I felt no pressure to stay with George and go to Penn," Huddi said, "and he'll be working with me again in the summer." Barton was delighted to have the first woman swimmer he'd actively recruited.

Huddi works out with the men's team ("I can keep up with most of the guys and they make me feel welcome") and with the women's team at Cornell. Though the Big Red season has ended, she'll continue her training to be ready for the World Championships and other major events she'll enter this summer.

## Bulletin Board

## AAUP Elects New President

Robert J. Smith, professor of anthropology, has been elected president of the Cornell Chapter of the American Association of University Professors for a two-year term beginning in September. He succeeds Albert Silverman, professor of physics.

Members elected for two-year terms on the Executive Committee are Douglas E. Ashford, Government; Alice H. Cook, ILR; Richard P. Korf, Plant Pathology; Charles S. Levy, English, and Linda R. Waugh, Modern Languages.

The chapter will meet at 4:30 p.m., April 24, in Ives 127 to hear Martin Lapidus, director of AAUP's Northeastern Regional Office talk on "Recent Concerns of the National AAUP."

## Campus Conservation Day Set

Environmental management and ethics will be the focus of a Cornell Campus Conservation Day to be held Wednesday, April 23, in the Straight Memorial Room. The Willard Straight Hall Board will sponsor the event. Displays by environmentally-concerned campus organizations will be set up in the Memorial Room throughout the day with members of those groups on hand for discussion.

The schedule will be:

—1:30 p.m. Panel discussion, chaired by Richard A. Baer Jr., associate professor, Department of Natural Resources, with campus leaders in environmental policy present;

—4 p.m. Films concerning environmental problems and solutions will be shown in the International Lounge, Willard Straight Hall; and

—8 p.m. Presentation on the problems confronting the Adirondack Mountains and some possible solutions to be led by Gene R. Reetz, instructor, Natural Resources.

The program is free and the public is invited to attend.

## Ornithology Lab Book Sale

Cornell's Laboratory of Ornithology, 159 Sapsucker Woods Rd., will hold its annual spring book sale today through Sunday (April 20). Sale hours are 9 a.m. to 5 p.m.

Among the items offered for sale this year are hand-made quill pens crafted by Frederick Marcham, emeritus professor of English history at Cornell. Ornithological journals, reprints, books, plant cuttings, baked goods and other items contributed by friends and members will also be on sale.

Money from the sale will be used to help maintain the laboratory's wildlifesanctuary, Sapsucker Woods.

## Married Students Workshop

Married students and their spouses are invited to a workshop on their concerns from 7 p.m. to 8:30 p.m. Wednesday (April 23) in the Multipurpose Room, North Campus Union.

The workshop will also provide an opportunity to help finalize requirements for a graduate assistant to work with the married student community, and to provide input into a married student resource booklet.

For further information, contact Donna Wells, Office of the Dean of Students at 256-4221.

## Organic Farming Training

A training school for people interested in the requirements for certification of organically grown crops will be held from 9 a.m. to 3 p.m. on Saturday April 19 in Riley-Robb Hall.

Professor Paul Buck, food scientist, will report on the first three years of a ten-year project in which three Empire State College students are comparing high intensity farming and a number of organic farming methods. Also, John Krummel, research assistant, will report on a study of energy needs in farming.

The training school, sponsored by the New York State Organic Farmers, Inc., is open to the public.

## Term Paper Help Available

Students needing help with term papers or any other writing projects may obtain free assistance from the Writing Workshop at 250 Rockefeller Hall. Tutors will be available through the end of the term on Mondays from noon to 2 p.m. and 7 p.m. to 9 p.m.; Tuesdays from 10 a.m. to noon and from 7 p.m. to 9 p.m.; Wednesdays from 7 p.m. to 9 p.m., and on Thursdays from 11 a.m. to 1 p.m. and 7 to 9 p.m. Additional information may be obtained by calling 256-6349. The Writing Workshop is a program of the College of Arts and Sciences and is available to all students on campus.

## Cornell Golf Course Open

The Cornell University Golf Course is now open according to James H. Fenner, head golf pro. For further information call 256-3361.



## CU Baseball

## Team Wins Three Straight

Improved pitching and opportunistic play on offense have helped the Cornell baseball team build a modest three-game winning streak prior to going into the first full weekend of EIBL play.

Coach Ted Thoren's team opened its eastern season last Saturday with a doubleheader win over Army and followed with a non-league win over Ithaca College on Monday. They visit EIBL contender Penn on Friday then go to New York City for a doubleheader with Columbia Saturday.

After facing some of the best hitting and pitching in the country on its western trip, Cornell is now back with comparable eastern teams and showing well. In the last 25 innings, five Cornell pitchers have given up only four earned runs. On offense, the Big Red has been getting men on base and scoring them either on timely hitting or opponent's lapses.

Thoren hasn't been disappointed over the fact that his three starting pitchers — Bob Dutkowsky, Bill Hoffman and John Pilato — haven't gone the distance. He thought he had solid men in the bullpen in Tony Siedl and Jim McElroy and they've come through for him.

Dutkowsky, a sophomore righty from Endwell, N.Y., pitched six strong innings to pick up the win in the first game at Army. He gave up four singles, no earned runs, walked two and struck out two.

Hoffman, a senior righty from Northumberland, Pa., started the second game and worked four innings, giving up one run on four hits. He walked one and fanned two.

Siedl relieved in both games, picking up the win in the nightcap. The junior righty from Bloomington, Ind., worked a total of six innings, giving up two runs and five hits. He struck out three and

walked three.

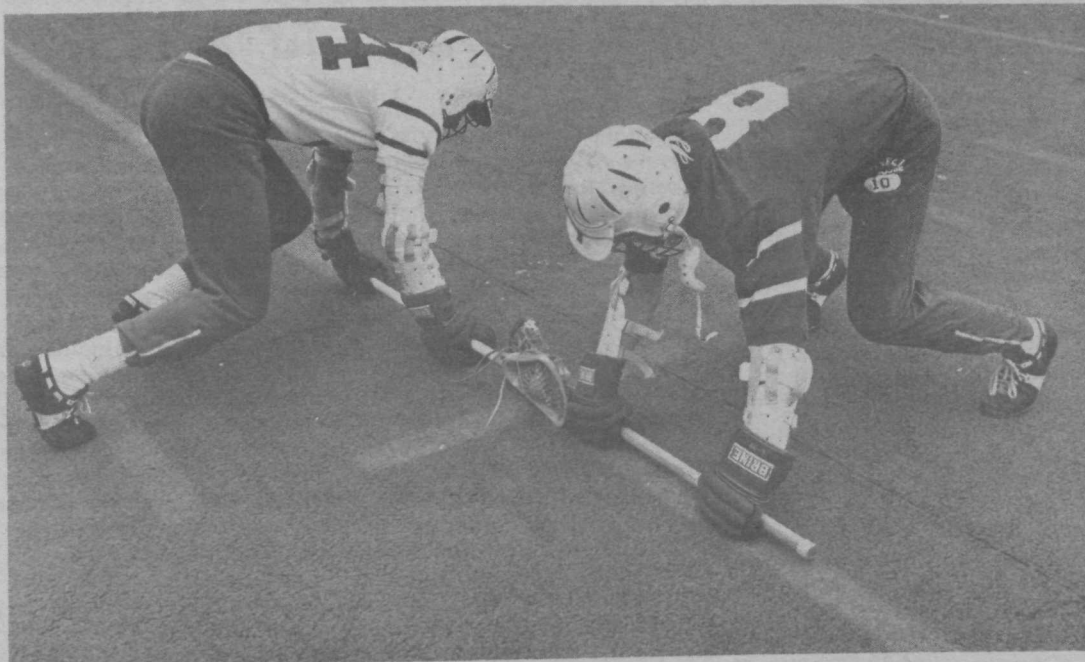
Pilato, a junior lefty from Rochester, N.Y., had a solid effort in the 6-3 win over I.C. In six and one-third innings he was touched for just two singles and one earned run. He got relief help from McElroy, a senior lefty from Charleston, W. Va., out of Ithaca High School.

The pitchers haven't hurt themselves with wildness and they've been helped by a defense that has produced four double plays in the three-game streak.

Pilato, who delivered the game-winning hit in the second game at Army, has the top average, .438, but he's been to bat only 16 times.

Co-captain Mike Ryan, the third baseman from Rochester, and sophomore outfielder Dave Johnson from Middlesex, N.J., were counted on to provide hitting punch and both had a double and a single in the win over Ithaca College.

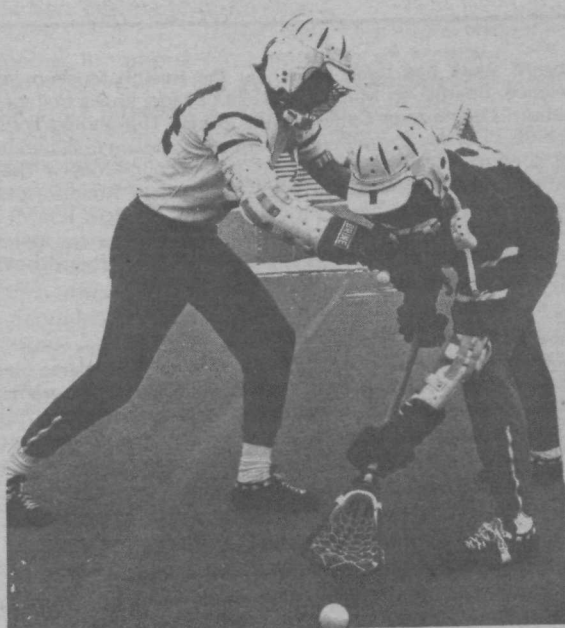
# Lacrosse Fouls Explained



Play starts with a face off at midfield at the start of each quarter and at the start of play after each goal. Referee places ball between the reverse sides of the two centers' sticks while players are in a semi-kneeling position with both hands on the stick 18-inches apart.



Illegal stick check occurs when a player attempts to go over the head and dislodge ball from opponent's stick, thus impeding the progress of his opponent. This is a 30-second penalty called "holding."



Illegal cross-checking occurs when player uses his stick to block his opponent and contact is made by the shaft of his stick.



Equipment consists of shoulder pads, gloves, arm guards and helmet. Sticks used are the goalie stick, defense stick, attack or midfield stick and new urethane rubber attack stick. Both walls and top of the scoop of the new stick are made of rubber.



(Person posing for picture is team manager and was not aware that it is illegal to have chin strap open). Illegal block — from the rear — of opponent who has possession of ball, could be a 30-second penalty or, if flagrant enough, could be a one-minute penalty. If it is of technical variety and the ball is loose on the ground, it could result in only losing possession of the ball.



Crease violation has been created by #34 while in possession of the ball. #34 has violated the crease rule and the ball will go to his opponent. If a goal were scored it would not be allowed.



This is a warding-off penalty. Player in white jersey is guilty of illegally warding off or pushing his opponent's stick. This results in losing possession of the ball.



A delegation of solid state physicists from the People's Republic of China take notes on Cornell's physics and material science programs during an early morning briefing in Clark Hall. The delegation also toured the University's research facilities and talked with faculty members and graduate students during their two-and-a-half-day visit to Cornell.

## Chinese Delegation Takes Tour of Cornell

The first of seven scholarly delegations from the People's Republic of China to visit the United States this year toured the Cornell University campus late last week.

The group, an 11-member team of solid state physicists, was greeted by Cornell President Dale R. Corson and briefed on Cornell's programs in solid state physics. During its two-and-a-half-day visit, the group also toured the University's research facilities and talked with faculty members and graduate students.

The Chinese delegation is on a five-week tour of the United States, during which it is studying work in crystal growth and structure, semi-conductors,

solids under high temperatures and pressures, and magnetic materials and their applications.

Before it returns to China the group will have visited seven universities, two industries and three government research laboratories. The group also attended a recent meeting of the American Physical Society held in Denver, Colo.

The visit is being sponsored by the Committee on Scholarly Communication with the People's Republic of China, which is affiliated with the American Council of Learned Societies, the National Academy of Sciences and the Social Science Research Institute.

## Calendar

Continued from Page 16

Development Models for Latin America." Fernando Henrique Cardoso, director of the Centro Brasileiro de Analis e Planejamento, Sao Paulo. Uris G94. Sponsored by Latin American Students Assoc. and Cuban Cultural and Historical Society.

8:15 p.m. \*Drummond Studio Production: "You Were So Nice When You Were Young," by Jean Anouilh.

### Friday, April 25

12:15 p.m. Women's Studies Sandwich Seminars: "Women in Politics: An International Comparison." Mary Katzenstein, Asst. Prof., Women's Studies & Government, Arts & Sciences, Cornell. ILR Conference Center 300. Child care provided. Bring a bag lunch; coffee is available.

3:30 p.m. Energy, Agriculture and Waste Management: "The Effect of Recent Energy Price Increases on Field Crop Production Cost." W. Lockeretz, Project Coordinator, Center for Biology of Natural Systems, Washington University, St. Louis, Missouri. Riley-Robb 105. Refreshments will be served at 3:30 in the lounge area.

4 p.m. Cornell Tennis - Harvard.

4 p.m. Noyes Pub Happy Hour. Guitar/vocalist Steve Sugarman entertains. Sponsored by Noyes Center Board and Noyes Center Pub.

4:15 p.m. Varsity Baseball - Harvard.

4:45 p.m. Conservative Club election meeting. Straight North Room.

6 p.m. Shabbat Service. Founders Room, Anabel Taylor.

6:30 p.m. Shabbat Service. Young Israel House.

7 & 9:15 p.m. \*Cornell Cinema Film: "The Merchant of Four Seasons," directed by Rainer Werner Fassbinder. Uris Auditorium.

7:30 p.m. \*Cornell Lacrosse - Suffolk CC. Schoellkopf.

8 p.m. Carpenter Lecture Series: "Multinational Corporations and American Foreign Policy." Prof. Robert Gilpin, Princeton University. Fourth in series of six. Ives 110.

8:15 p.m. \*Drummond Studio Production: "You Were So Nice When You Were Young."

8:30 p.m. Shabbat Service. Hi Rise, Lounge No. 1.

9 p.m. "Power Hour." Noyes Center 308. Sponsored by the Campus Crusade for Christ.

9 p.m. Dance: Presenting "Albatross." First floor lounge, North Campus Union. sponsored by NCU Board.

### Saturday, April 26

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

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

10:30 a.m. Women's Intercollegiate Lacrosse - Cortland.

1 p.m. Varsity Baseball - Dartmouth (2)

2 p.m. \*Varsity Lacrosse - Pennsylvania. Schoellkopf Field.

2 p.m. Lightweight crew - Geiger Cup. Cornell-Columbia-MIT.

2:30 p.m. Talmud Shiur. Young Israel House.

5:15 & 11:30 p.m. Catholic Masses. Anabel Taylor Chapel.

7 & 9:15 p.m. \*Cornell Cinema Film: "The Last Detail." Uris Auditorium. Attendance limited to Cornell Community.

7 & 9:30 p.m. \*Cornell Cinema Film: "MASH." Ives 120. Attendance limited to Cornell Community.

8:15 p.m. \*Drummond Studio Production: "You Were So Nice When You Were Young."

8:15 p.m. \*Cornell Polo - Meadow Brook. Oxley Polo

Arena.

8:15 p.m. Music Dept. Student Concert. Music from Cornell Part I. Barnes Hall.

### Sunday, April 27

9:30 a.m. Holy Communion Episcopal Church at Cornell. Anabel Taylor Chapel. All are welcome: students, faculty and families.

9:30, 11 a.m. & 5 p.m. Catholic Masses. Anabel Taylor Auditorium.

10 a.m. Society of Friends Meeting for Worship. Child care provided for infants. Discussion at 11. All welcome. Anabel Taylor Forum.

11 a.m. Sage Chapel Convocation: J. Gurdon Brewster, University Episcopal Chaplain.

7 & 9:15 p.m. \*Cornell Cinema Film: "The Last Detail." Uris Auditorium. Attendance limited to Cornell Community.

7 p.m. Table Tennis Clinic followed at 7:30 by Round Robin Singles. Barton Hall. Newcomers welcome.

8:15 p.m. Sage Chapel Centennial Concert: Linda Paterson, soprano; David Neal, bass; Jerry Davis, oboe, oboe d'amore, English horn; Donald R. M. Paterson, organ. Works of Bach, Handel, Sowerby and thers. Sage Chapel.

### Exhibits

Herbert F. Johnson Museum: Aaron Shattuck: to May 25. Shattuck was a member of the second generation of a group of painters known as the Hudson River school active during the middle of the nineteenth century and especially noted for their serene and charming landscapes. German Renaissance Prints: to May 4. Approximately 75 prints from permanent collection of graphic art to serve as examples of German printmaking from about 1500 - 1550. Work by Durer, Cranach the Elder, Hans Baldung Grien, the little masters, and others. Alan Sonfist: to May 4. Sonfist depicts nature's forms and details by abstracting their patterns of growth and decay or by actually presenting us with the "litter" of the forest and field. Included in this show are molding canvases, plaster casts of animals, dye reactions, photographs, star chartings and recreations of the patterns of bark, fallen leaves and animal burrows.

History of Science Collections, 215 Olin Library. Recent Acquisitions, changed monthly.

Olin Library: "Faces of Latin America." Photographs by J. Mayone Stycos, professor of Sociology and Director of the International Population Program at Cornell University.

Stycos' work has been shown at the Boston Museum of Science, Seattle Art Museum, Wells College, Ithaca College, Auburn Community College and Cornell. The photographs and the books accompanying them were chosen to illustrate the changeless — and changing — face of Latin America. The photographs were taken in Brazil, Guatemala, Honduras, El Salvador and Colombia.

Sibley Dome Gallery: Sculpture and Collage by Marja Vallila: to April 19. Paintings and Sculpture by Barbara Cook: April 21 - April 26.

### Announcements

Departments and organizations at Cornell that wish to buy or rent audio-visual materials (slides, filmstrip programs, films, video tapes) are reminded that Uris Library has gathered together an extensive collection of distributors catalogs for these materials. This collection can be used in the Uris Listening Rooms which are open 10 a.m. to 10 p.m. Monday - Thursday; 10 a.m. - 10 p.m. Friday; 1 - 5 p.m. Saturday, and 1 - 11 p.m. Sunday.

### Cornell University Press

Ferguson, John: UTOPIAS OF THE CLASSICAL WORLD. Publication date was March 24, 1975, \$11.50.

Gurewitsch, Morton: COMEDY: The Irrational Vision. Publication date was March 21, 1975, \$10.

Brock, W.R.: THE UNITED STATES, 1790-1890. Publication date was March 24, 1975, \$15.

Ullmann, Walter: LAW AND POLITICS IN THE MIDDLE AGES. Publication date was March 24, 1975, \$15.

Webster, Bruce: SCOTLAND FROM THE ELEVENTH CENTURY TO 1603. Publication date was March 24, 1975, \$12.50 (Sources of History Series).

Knight, David: SOURCES FOR THE HISTORY OF SCIENCE, 1660-1914. Publication date was March 24, 1975, \$11. (Sources of History series).

\*Admission Charged.

Attendance at all events is limited to the approved seating capacity of the hall in which they are presented.

All items for the Cornell Chronicle Calendar must be submitted to the Office of Central Reservations, 32 Willard Straight Hall (either through the mail or by leaving them at the Straight desk), or call Carol Adams, 6-3513 at least 10 days prior to publication of the Chronicle. The Calendar is prepared for the Chronicle by the Office of Central Reservations.

### Organ Concert For Centennial

Cornell Organist Donald R. M. Paterson will present a recital in honor of the centennial of Sage Chapel at 4 p.m. Sunday, April 20, in the chapel.

The program will include Toccata in F Major and Chorale Prelude, "Allein Gott in der

Hoh' sei Ehr'" by J. S. Bach, Buxtehude's Prelude and Fugue in F Sharp minor, two Chorale Preludes from Opus 122 by Johannes Brahms, Choral No. 1 in E Major by Cesar Franck, plus works by Robert Palmer, Robert Barrow, Gilles Jullien and Louis Marchand.

"The organ has been an integral part of the music in Sage

Chapel since the fall of 1875," Paterson said. "In constructing this program, I tried to choose pieces that represent different compositional styles and show the versatility of the present chapel organ, which was built in 1940.

"These pieces are also some of my favorites," he added.

The concert is free and open to the public.



## Volunteers Needed for Tutorial Programs

Volunteers are always needed for the many different tutorial programs in Tompkins County. Included in these services are the one-on-one tutoring program, general aides in the classroom, and group tutoring in a variety of subjects and activities, depending on skills and interests of volunteers, and specific needs of teachers and students.

In addition to these tutoring opportunities, programs in remedial and adult education have need of the individualized attention a volunteer can give.

Times for volunteer work are during school day hours for the public school tutoring and most days and evenings for adult and remedial assistance.

Tutors provide a direct and personal service to people who need special help with a particular concept or subject, as well as helping nurture identity and self-confidence.

Below are some of the current requests for volunteer help. Please respond to any of them, or get information about other volunteer needs, by calling CIVITAS, 256-7513, Monday through Friday from 11 a.m. to 4 p.m.; or call Voluntary Action Center, 272-9411 Monday through Saturday from 9 a.m. to 1 p.m.

**BOCES (Special Education)** needs mature volunteers to work with a group of 30 handicapped girls, from elementary ages through 21 years in Camp Fire Girls meetings on Tuesdays from 1 to 2 p.m. Photography projects, simple gardening, cooking etc., would be welcome activities.

**Dryden Head Start Program** needs volunteers to spend one hour or more a week with individual pre-school children, in a newly organized Big Brother/Big Sister program for head-start children. Times can be arranged.

**Ithaca High School** needs volunteer tutors: two for intermediate algebra, at various morning times on Mondays and Fridays, or 2:30 p.m. on any week day; and a German tutor at various times, mornings, afternoons or evenings.

**Central Elementary School** needs a tutor-companion for a second-grade boy, a few hours a week on a regular basis, between 9 a.m. and 3 p.m. on school days.

**Ithaca School Volunteer Office** needs volunteers to help construct games and materials for classroom curriculum activities. Workshops to do the constructing will be held in the downtown Ithaca office on April 24, May 8 and May 28, at 9:30 a.m.

**Economic Opportunity Corp.** needs a volunteer to tutor a young woman who is preparing for the High School Equivalency exam. Help needed in math and simple algebra, preferably any time during the day on Tuesday or Thursday, but other times could be arranged.

**Reconstruction Home** needs friendly visitor volunteers to spend some time with a handicapped wheelchair bound woman. Times to be arranged, on a regular basis, including evenings or weekends.

**Boynton Junior High School** needs a volunteer English tutor for a 9th grader in accelerated grammar class. Any day from 8:30 to 9:30 a.m.

**High School Equivalency** needs a tutor to help adults preparing for exam, in math and simple algebra. Also, tutor needed for English and reading comprehension. Evenings preferred, but day times can be arranged.

**IACC** needs volunteers to assist in day care center working with pre-schoolers, on Mondays between 11 a.m. and 3 p.m.

**Cooperative Extension-Nutrition for the Elderly Program** needs volunteer transportation for an elderly handicapped woman and her wheelchair, from a downtown Ithaca address to Titus Towers, at 11:30 a.m. on Tuesdays and Thursdays.

**High School Equivalency Program** needs a companion-tutor for a sixteen-year-old young lady, preparing for the HSEP exam in December. Support and friendship to help build confidence is the desired goal. Times for the assistance can be arranged.

## Kidney Research Grant

Continued from Page 1

After testing the enhancing factor's reaction with foreign tissue in the laboratory, establishing recipient acceptance of the factor, and calculating the dose level appropriate for transplant patients, investigators are now conducting clinical studies of the enhancing factor's effectiveness in preventing rejection of kidney transplants.

Patients selected at random are receiving either the enhancing factor or the antibody fraction of blood from non-pregnant women which does not contain the factor. Treatment begins before

transplantation and continues for about a year.

Although it is too soon to draw firm conclusions, the enhancing factor appears to protect transplant recipients from irreversible rejection, Dr. Riggio said.

The enhancing factor may also be used to increase the number of patients for whom a transplant is attempted.

Dr. Riggio hopes that the concomitant transfusion of the enhancing factor with the blood will prevent the patient's immunization and allow him to remain a ready candidate for transplantation.

## New Standardized Letterhead Saves \$

A new standardized Cornell letterhead and stationery can be purchased from General Stores at a savings of nearly 70 per cent of the cost of any of the more than 500 letterhead designs now used on campus. In black, the new stationery is shown below with instructions for its use. It is a good quality offset paper instead of the more expensive watermarked bond in general use now. Developed as another means of achieving University-wide savings, the new letterhead costs \$5.25 a ream as compared to \$17 a ream for any of the individualized letterheads now in use. The savings are produced through volume and the use of less expensive paper, according to the Office of General Services.



Cornell University

Ithaca, New York 14853

Each University Office  
Cornell University  
Ithaca, New York 14853

Dear Colleague:

What you see here is the correspondence format we are recommending University offices use for typing letters on this new economy stationery.

The format has a number of advantages. It is neat, logical, and convenient to use and file. With all elements aligned flush left under the "C" in Cornell, the completed letter has the "feel" of well-designed printing. The contemporary effect of the design is achieved by having all elements line up on the clean left margin. Scientific studies have established that this flush left alignment is faster than the old-fashioned process of indenting.

Three things are important in preparing this kind of letter:

1. Start everything flush left.
2. Space between the elements of the letter.
3. Do not divide words at the end of a line.

Using this new letterhead and this method of preparation, you will find all correspondence elements are in natural sequence from top to bottom; date, address, salutation, body, complimentary closing, signature, name of sender, typist data, sender's office, and sender's address.

Sincerely,

Kelvin Arden  
Director

KA:1b

## Fine Arts Library Move Begins

Some of the "dominoes" that are being moved about as a result of an expansion of the Fine Arts Library from under the dome of Sibley Hall into the East Sibley area are falling into place.

Robert M. Matyas, vice president for planning and facilities, said the College of Architecture activities that are now in East Sibley will move into Rand Hall.

In turn, Management Systems Analysis (MSA) and the Transportation Department will move out of Rand, MSA into different offices in Day Hall and Transportation to the former Pi Lambda Phi Fraternity house at 410 Thurston Ave.

Also moving into 410 Thurston, from present offices in Day Hall, will be the Admissions Office. Admissions and Transportation will have separate entrances and quarters at the Thurston Ave. address.

One reason for putting Admissions in the Thurston quarters is to avoid the annoyance some parents and

others dealing with the office have felt in trying to gain access and parking on the central campus, Matyas said.

A small office that is presently kept in Rand Hall for campus trustees will be relocated,

Matyas said, but he is not sure where at this time.

The sequence of events that will lead to all the moves listed has started, and will continue for the next several weeks, he said.

## Career Center Calendar

As the end of the year approaches, the following dates take on added significance. See the Career Center now for details.

**April 21:** Application deadline for the Office of Education "Career Education" grant program.

**April 22:** Application deadline for the TOEFL.

The Kenmore School Districts will interview prospective teachers in all subjects.

**May 1:** Application deadline for the HEW Management Intern Program.

**May 3:** Application deadline for the PCAT (Podiatry College Admissions Test).

**May 5:** The Scotch Plains-Fanwood Public Schools will interview prospective teachers in all subjects.

The National Endowment for the Humanities has announced a Fellowship Program for Independent Study and Research designed for scholars, teachers, writers "and other interpreters of the humanities". The application deadline is June 2, 1975.

The latest Summer Job Listings will be posted on the "Summer Jobs" bulletin board in the library of the Career Center.

# The Senate Page

The Senate Page is the official bulletin of the Cornell University Senate. Publication is supervised by Douglas Auer, secretary of the Senate, 133 Day Hall. 256-3715.

NEXT SENATE MEETING: Tues., April 29, 7:30 p.m., Bache Aud., Malott Hall

## Calendar

THURSDAY, April 17

Academics Committee, 3:30 p.m., Senate Office  
Housing Subcommittee, 4

p.m., 103 Barnes

University as an Employer, 5 p.m., 116 Ives

Counseling and Advising Subcommittee, 7:30 p.m., Loft II, W.S.H.

MONDAY, April 21

Executive Committee, 4:45 p.m., Senate Office

TUESDAY, April 22

All Senate Committee Chairpersons, 7:30 p.m., 217 Ives

## Current Legislative Log

BILL NO. & DATE SUB.	ABSTRACT	SPONSOR	COMMITTEE REFERRED TO
F-24 3/7/75	List of Senate Meeting dates for Fall-Winter of 1975.		Executive Committee
F-25 3/7/75	Amends the Constitution to allow initiation of constitutional amendments by petition of 10% of eligible voters.	R. Bogart	Executive Committee
F-26 3/7/75	Amends the Bylaws to allow initiation of legislation by petition of 10% of eligible voters.	R. Bogart	Executive Committee

## Senate Actions — April 1, 1975

SA NO.	TITLE AND ABSTRACT	SPONSOR	ACTION TAKEN
SA-332	COMMITTEE ON ACADEMICS REORGANIZATION	Committee on Committees	Committee on Committees
SA-333	THE NOMINATIONS AND ELECTIONS COMMITTEE AMENDMENTS OF 1975 [Makes this Committee autonomous from the Executive Comm., updates its charge to reflect the new employee trustee.]	R. C. Platt	Committee on Committees
SA-334	COMMITTEE ON COMMITTEES STAFFING RESOLUTION [The Senate approves the C.O.C. nominations for the Sixth Senate committees.]	Committee on Committees	Committee on Committees

## Employee Courses Offered

Continued from Page 1

Effective Discipline and Grievance Procedures: June 2-6, 1975, 9 a.m. to noon each day. Meetings will be held in Conference Room 1 of the North Campus Union. Cost is \$25.

Telephone Techniques: June 18, 1975, 1:30 to 3 p.m. To be held in Ives 215. No cost.

Transactional Analysis: April 23 and 24, 1975, 9 a.m. to 4 p.m. To be held in the Big Red Barn. Cost is \$25. June 11 and 12, 1975, 9 a.m. to 4 p.m. To be held in the International Lounge, Willard Straight Hall. Cost is \$25.

New Employee Orientation: April 23, 1975, 2:15 to 4 p.m. To be held in the ILR Conference Center. Check the bulletin board for room. No cost.

May 21, 1975, 9:15 to 11 a.m. Held in the ILR Conference Center. Check the bulletin board for room. No cost.

June 26, 1975 9:15 to 11 a.m. Ives 216. No cost.

These sessions are by invitation, but room is allowed for others who are interested. Call Linda Tewes on 256-4869.

Excel Course for Office Employees: Groups are limited to fifteen participants. If you are interested or need more information, please call Virginia Rinker on 256-4869.

May 27-July 29, 1975, 9:30 a.m. to noon each Tuesday. Call Rinker for room locations and further information. Cost is \$40.

Effective Use of Time: June 2, 9, 16 and 30, 1975, 9 to 12 each

Monday. To be held in Conference Room 2, North Campus Union.

Women in the Work World Series: The entire Cornell community, men and women, is welcome and encouraged to attend. There is no charge for this program. For reservations, call 256-4869.

April 23, 1975 noon to 1 p.m. George T. Milkovich, professor, industrial and labor relations, Cornell will speak on "A Day Care Center's Impact on Employee Work Behavior." To be held in ILR Conference Center 300.

May 28, 1975, noon to 1 p.m. Judith Younger, dean, Syracuse Law School, will speak on "Changes in the Law as They Affect Women." To be held in Conference Center 300.

Basic Electronics: A continuing course which meets Mondays and Fridays from 8 to 9 a.m. Course 1 in Basic Electronics meets in Kimball-Thurston 102. Course 2 in Basic Electronics meets in Guterman Lab 110. Course 1 is a beginners course in electronics offered to those interested in acquiring or refreshing their background in theory. Course 2 is designed for those who have completed the equivalent of one or two years of a basic electronics course or those who have a general background but want to improve their effectiveness by grasping more advanced concepts. Call Virginia Rinker for more information at 256-4869.

Advanced Electronics: A

series of seminars offered to more advanced electronic technicians and engineers, offered Tuesdays and Thursdays from 8 to 9 a.m. in Phillips 213. Those interested should call Virginia Rinker at 256-4869. Programs are offered at cost with the cost divided between the employing department and the Office of Personnel Services. Depending on the number who enroll, costs to the departments vary. (Similar cost schedule applied to Basic Electronics).

Printing Seminar: This example of function training is a free seminar on how to be a wiser buyer of graphics in this time of tight budgets. The leader of the seminar will be Thomas Mailey. Emphasis in these workshops will be on understanding the printing production process, preparation of manuscripts, planning printed pieces, working with editing and design in mind, more mileage per piece, appraisal of graphic arts efforts, mailing and distribution and budgeting for the year. Call Virginia Rinker on extension 256-4869 for more information and scheduling.

If a department is absolutely unable to financially support participation in a training program, a certain number of individuals can be accepted without charge, according to Thomas.

If the dates for a training program are not convenient, employees are requested to submit their name for future programs.

## STUDENT TRUSTEE ELECTION

This is a reminder that the STUDENT TRUSTEE ELECTION is being held TODAY and TOMORROW. There are nine polling stations where a student can go to vote. Those who haven't done so yet, are urged to vote. The polling stations can be found in Willard Straight Hall and North Campus Union all day and night; Olin Library, Carpenter Library, Mann Library, and Noyes Center during the late afternoon and night. To vote, students should bring their I.D.s to a polling station. When they finish voting, a hole will be punched in their cards to certify that they have voted (just like in the old days!)

The importance of this election cannot be overstated. The student trustee is the only way the students have to communicate with the Board of Trustees. The Senate has made every effort to present to the community the candidates' views. It is the Senate's hope that each student will consider carefully the issues raised by the candidates and then vote. But the most important thing to do is VOTE—it's your trustee!

## Two Astrophysicists Receive Fellowships

Cornell astrophysicists Saul Teukolsky and Peter Gierasch have been awarded two-year research fellowships by the Alfred P. Sloan Foundation. They were among 86 young researchers nationally chosen for the awards.

Teukolsky's main research interest is in relativistic astrophysics and particularly in "black holes." Black holes are mysterious gravitational whirlpools in space thought to result from the collapse of stars which have burned up all their nuclear fuel. Because of their tremendous gravitational pull, anything which is captured by a black hole can never escape again.

Teukolsky will continue to work on trying to understand how black holes are formed, how they behave and how their existence might be detected. Some of his research findings have already been published in the Astrophysical Journal and in Nature.

Originally from South Africa, Teukolsky received his Ph.D. from the California Institute of Technology. He is currently assistant professor of physics at Cornell.

Gierasch will use most of his fellowship to refine a theory he has developed on the peculiar rotation of Venus's atmosphere, a problem he considers "one of the most intriguing puzzles in the solar system."

Gierasch's theory attempts to explain why the top layer of the Venusian atmosphere rotates some 60 times faster than the solid part of the planet. He has suggested that a Hadley cell mechanism—where air at high levels moves from the equator to the poles while air at low levels moves from the poles to the equator—could account for the tremendous winds which Venus's rapidly rotating atmosphere suggests.

He will also continue investigations of the general circulation of Jupiter's atmosphere. The Jovian atmosphere contains a blanket of unusually symmetrical clouds which ring the planet from north to south in a series of even, variegated bands.

Gierasch, who joined Cornell as an assistant professor of astronomy in 1972, received his B.A. in physics from Harvard University in 1962 and his Ph.D. in applied mathematics there in 1968. He will become associate professor at Cornell effective July 1.

Sloan Foundation fellowships are awarded on the basis of nominations from senior colleagues familiar with each researcher's capacity to perform outstanding and creative basic research. They are designed to make possible advances in fundamental research by young scientists at an early stage in their careers.

## Barton Blotter

### Frozen Turkey Taken

A 27-pound frozen turkey joined the parade of vending machine thefts on the pages of Safety Division morning reports for the past week.

The turkey was taken from a storage cooler in the basement of Balch Hall. Vending machine break-ins took place in Rand Hall, and two machines each in the basement of University Halls 1 and Goldwin Smith.

Other thefts reported during the week include one license plate each from two vehicles in the East Ithaca parking lot; an AM-FM stereo table model radio from a locked office in Uris Hall; two "Co-op Dining" signs which had been bolted to a wall in South Balch Hall; a basketball from the West Dorms court; a coat from Zeta Psi fraternity; a wallet from a purse left unattended in the North Dining Room of Statler Inn.

Also, a wallet from a purse left unattended in the women's room at Willard Straight Hall; \$10 in cash from a purse left unattended under a desk in Upson Hall; a green Fuji 10-speed bicycle left secured to a post in the Teagle Hall parking lot; a 35 mm Nikomat camera from Helen Newman Hall; a soccer ball from a car that had been broken into in Teagle Lot; a battery from a car in North Campus Dorms lot, and another from a truck at the Service Garage.

# Women in Unions Study Published

An in-depth study of the role of women in seven New York City unions has revealed that factors beyond simple sex-role prejudice serve to explain the paucity of women unionists in leadership positions.

Only 4.7 per cent of national union leaders are women, although women comprise nearly 20 per cent of all union members. At the local union level, however, women are more likely to hold leadership posts.

Handicaps in addition to those of combining work with family responsibilities included 1. unexamined assumptions of men toward women's union roles, 2. the difficulty women have in envisioning themselves as leaders rather than helpers and 3. a deep-seated lack of confidence in their own abilities. Only a quarter of the women considered their family responsibilities to be their primary reason for relatively low involvement in the union.

These and other study findings are examined in "Trade Union Women: A Study of Their Participation in New York City Locals" (Praeger Publishers, Inc., 1975) by Barbara M. Wertheimer, director, and Anne H. Nelson, associate director of Trade Union Women's Studies of the Metropolitan District Office, New York State School of Industrial and Labor Relations (ILR), Cornell.

The \$41,600 Ford Foundation-funded study was conducted during 1972 and 1973 and focused on New York City locals of the International Union of Electrical Workers, International Ladies Garment Workers, the Postal Union, District 1199 Hospital and Drug Employees, United Store Workers, Meat Cutters, and American Federation of State, County and Municipal Employees. The percentage of women in each of the unions varied from a high of 90 per cent for garment workers to a low of 25 per cent for postal workers.

The key to more active roles for women in union leadership centers around "education," according to Wertheimer, who said, "The women unionists seem to be seeking a heightened self-confidence and increased competency in practical leadership skill."

In contrast to the most active male unionists, who tend to feel they cannot advance further on their jobs, women activists were those who felt they could advance. "We suggest as one explanation," Wertheimer said, "that women do not see themselves as advancing into managerial posts, but only one or two steps up the job ladder and view the union as supportive to their limited goal. Very few women interviewed indicated a willingness to move into a job that meant leaving the union and the job security and companionship that it provides."

Research implications common to the seven unions

emerged from the finding that the "active" union women were found to be single or formerly married and the sole support of their families.

Wertheimer and Nelson believe that "the most far-reaching effect of new union roles for women ... could be in the area of organizing unorganized women workers. Some 25 million women workers are potential union members."

Almost 40 per cent of all workers over the age of 16 are women; one-third of these are clustered in the seven occupations Wertheimer and Nelson studied in detail.

Through related Ford Foundation grants, Wertheimer and Nelson have developed for trade union women a program of short courses, each six weeks long, as well as a two-year program in trade union women's studies. The latter program, currently in the second 12-week term of its first year, offers courses in oral communication and logic and the role of women in American and labor history. Leadership techniques for women unionists and union administration will be taught in the spring term.

Further information on Wertheimer's and Nelson's research on trade union women or on the Trade Union Women's Studies program, may be obtained from the NYSSILR Metropolitan District Office, Cornell University, 7 East 43rd Street, New York, New York 10017.



## Springtime in Ithaca

*The sun plays hide-and-seek with McGraw Tower.*

# 'Children's Work Roles Are Still Sexist'

True equality of the sexes may be a long time coming.

According to research by Mary Lynch, a graduate student at the New York State College of Human Ecology, a large percentage of children take on household duties based on their gender rather than equality.

Her findings were recently published in "Human Ecology Forum," a College journal distributed to human service professionals throughout the nation.

Lynch maintains that the work roles of youngsters actually become more traditional the older they get. She bases this conclusion on a Cornell survey of 806 school-aged children in the Syracuse area.

"At about ten years of age girls begin to participate in domestic activities at a faster rate than boys," she points out. "In fact, the only household tasks that are more frequently performed by boys are yard and car care."

The "like father, like son syndrome" could be partially responsible for this situation, according to Lynch. "Studies have shown that husbands are still reluctant to share domestic duties — even when their wives are employed at paid, full-time jobs that are essential

to the families' economic survival," she notes. "Therefore, sons, trying to emulate their fathers' behavior and attitudes, consequently assume that certain jobs are not for men."

Lynch says that if children continue to learn household skills according to the rule of "boy's work for boys, girl's work for girls," domestic chores will be considered woman's work indefinitely.

"For instance, if a boy never learns to iron clothes proficiently," she explains, "chances are he will avoid this job as an adult simply because he is not good at it."

## DuPont Gives Cornell \$56,000

Cornell has received \$56,000 from E.I. DuPont de Nemours & Co. to further its research and teaching programs in chemistry, chemical engineering and physics.

The grants, which were made as part of the company's \$3 million educational aid program for 1975, can be used for projects which the recipients believe will benefit their departments most.

The Chemistry Department, which received \$24,000 from DuPont, will use the funding primarily to support several graduate students, especially during the summer months; to help promising young faculty initiate research programs; to give DuPont Awards to outstanding graduate teaching assistants, according to Harold Matraw, the department's executive director.

The School of Chemical Engineering received two

grants from DuPont. One, for \$20,000 is a "young faculty grant," designed to help support young faculty members who received their Ph.D. degrees not more than five years ago.

"The young faculty grant will greatly enhance the research capabilities of our junior faculty members," said Kenneth B. Bischoff, the Walter R. Reed Professor of Engineering and director of the School of Chemical Engineering.

"A portion of the funds will be used to purchase a major item of equipment needed by two of these faculty members. The remainder will be used to support other essential parts of their research," he continued.

DuPont has provided support for chemical engineering at Cornell for many years, Bischoff added. This support will continue under a \$6,000 award from the company's un-

iversity science and engineering grants program.

Cornell's Physics Department will use its \$6,000 grant to provide instructional materials for its large teaching laboratories. Physics Department Chairman Raphael Littauer explained that DuPont's support is extremely useful to the department because "it permits continued upgrading of important, everyday instructional equipment. It helps us keep pace with the state of the art in physics and maintain the overall quality of the students' laboratory experience."

DuPont established its aid-to-education program in 1918. For more than 50 years the company has been one of the leading corporate supporters of the University.

# Task Forces to Hold Open Hearings

Task force #11, Library, will hold its second open hearing at 4 p.m. Wednesday, April 23, in room 365 McGraw Hall, chairman Paul Gates has announced.

There also will be an open meeting of Task Force #1 on the Learning Environment, chaired by June M. Fessenden-Raden at 3:30 p.m. on Friday, April 25 in Room 117 Ives. If anyone cannot attend this meeting, please send written, signed comments to Dr. Fessenden-Raden in 118 Stimson Hall.

## 3 Financial Aid Policy and Administration; Tuition Levels

The task force on financial aid policy and administration; tuition levels, will hold an open hearing at 7:30 p.m. today in Bache Auditorium, Malott Hall, cochairmen William C. Gifford and Jerome E. Hass have announced. The charge to this task force (#3) follows:

1. What should be the priorities of Cornell in utilizing financial aid, e.g. respecting socioeconomic distribution of its students, potential for development of both student and institution?

2. What policies respecting overall tuition levels, relation of amounts of financial aid to tuition and other costs, grants vs. loans, and the like, will best fit the priorities recommended within the realities of the financial situation facing Cornell? For example, if it is desired to have a broad socioeconomic spectrum, how much of financial aid can be financed out of tuition rates intended to generate such aid from those in upper economic levels?

3. From the standpoint of administration and staffing, is the financial aid program organized as efficiently as possible? If not, what improvements can be made?

4. Is auditing of information of need supplied by student and family carried out enough to minimize fraud and error? For example, are spot checks made? What kind? Are applicants required to supply confirming information, such as income tax returns? Are modest forms of deception treated as appropriate subjects for University discipline, egregious fraud treated as appropriate for criminal prosecution? Should such techniques be used?

5. Do any particular aspects of financial aid require reform either to bring them into line with recommended priorities, to correct abuses, or simply to save dollars?

6. Can student employment be utilized more extensively than it now is? This question is to be explored both from the standpoint of greatly increasing financial aid for students and from the standpoint of effective utilization in University operations of an available labor pool.

7. Will a general University cost cutting program pose any

particular dangers in the area of financial aid? What are they?

8. If financial aid were to be cut 15 per cent as a part of an across-the-board University cut of that magnitude, how should the cut be allocated? What should be the priorities within such a cut?

## 7 Faculty and Compensation, Terminations and Retirement

The task force on faculty compensation, terminations and retirement, chaired by Olan D. Forker, will hold an open hearing at 4:30 p.m. Monday, April 21, in G-92 Uris Hall.

The charge to this task force (#7) follows:

1. What policies respecting faculty compensation are most commensurate with the maintenance of academic strength and excellence in a period of budgetary stringency and inflation?

2. Recognizing that an educational institution such as Cornell must remain a humane institution, to what extent, if any, must policies suggested in answer to question 1 be modified in order for it to remain so at a time when all incomes are being eroded by inflation?

3. Apart from changes in total amounts committed to salaries and fringe benefits, can faculty compensation be made more attractive, e.g. by allowing individual freedom respecting allocations between salary and fringe benefits and among particular fringe benefits?

4. Keeping in mind requirements of the tenure system and age anti-discrimination legislation, under what circumstances, if any, is it proper and desirable to achieve dollar savings by termination of faculty prior to normal retirement? Should more stringent controls be placed on continuing faculty on a year to year basis past age 65? How?

5. In the event that terminations of faculty are necessary, what steps are required and desirable to prevent an undermining of the University's Affirmative Action obligations and its other obligations to minorities and women?

6. If it becomes necessary to terminate a program or department,

a. What are the contractual and other legal obligations of the University respecting (a) tenured and (b) untenured faculty currently in that program or department? (Note any differences between the statutory and endowed sections of the University.)

b. What are the University's obligations to standards such as those established by the AAUP and the standards of academic propriety prevailing at Cornell?

c. Assuming that the answers to a. and b. leave the University with some flexibility in determining what faculty should go and what faculty should stay, what criteria should the University use in exercising such discretion?

Should criteria be established on a University wide basis, or on a more decentralized basis? By whom should application of such criteria be implemented?

7. Assume that a 15 per cent reduction in budget for faculty compensation is required by the University's financial situation. How should such reduction be achieved? What should be the priorities within the 15 per cent reduction?

## 9 Graduate Education

The task force on graduate education will hold an open hearing at 4:30 p.m. Monday, April 21 in 202 Uris Hall, chairman Tome E. Davis has announced.

The charge to this task force (#9) follows:

1. Should graduate education continue to be a capability of each department at Cornell, or should only certain departments have such capability? If the latter, what criteria should be applied to determine which do and which do not? How should such criteria be developed, and by whom? Are present budgetary and accounting procedures adequate to permit review of such decisions when the central University administration must decide how much support is to be given various programs? If not, how should such procedures be improved?

### 2. Graduate School

a. What is the cost, (a) direct and (b) indirect, of operating the Graduate School? (Are present accounting and budgetary procedures adequate to permit accurate answers to those questions? If not, how should they be improved?)

b. How are the costs of operating the Graduate School allocated among the colleges and schools whose graduate students it handles? Should the graduate school be a center of responsibility, if such an accounting concept comes into use by the University?

c. Is the Graduate School the essential policy making unit respecting graduate education at Cornell? If not, should it be? If it is not and should not be, what are the consequences in terms of effective administration of the graduate program, including the costs of such administration? (In answering the foregoing questions, include answers to the following: How does the dean of the Graduate School influence the structure and content of graduate education at Cornell? The General Committee of the Graduate School? The Fellowship Board? The Faculty of the Graduate School?)

d. Assuming the continuance of the Graduate School in its present roles, are its present structures and administration as cost-effective as possible?

e. Would cost savings be achieved if the Graduate School were eliminated altogether or very substantially reduced in scope of operation, and its functions performed on a decentralized basis by the

schools and colleges in which the respective graduate students are enrolled?

3. What studies exist, and what studies should be made, and how, to answer the following large-scale and long-range questions:

a. In what ways does graduate education at Cornell add to or detract from undergraduate education?

b. To what extent is undergraduate tuition burdened with the costs of graduate education? Considering the nature of Cornell as a major research institution, should limits be placed on those burdens? If so, how should those limits be framed in terms of the burdens imposed and the quality and quantity of the graduate education produced? Where relatively costly but also relatively high quality graduate education is produced, how should the burden of such high costs be distributed? (Are present accounting and budgetary procedures adequate to permit accurate answers to these and the following questions? If not, should they be changed, and if so, how?)

c. Is graduate education itself burdened with costs of other activities, e.g. indirect costs of externally funded research? If so, are such burdens proper? Should they be limited or eliminated in some or all areas? How?

4. What tentative answers, if any, to the substance of questions 3.a., 3.b. and 3.c. has the task force come to in the course of its work?

5. Assume that after all economies resulting from answers to the foregoing questions are achieved, budgetary considerations require a further 15 per cent reduction in expenditures on graduate education. How should such reduction be achieved? What should be priorities within the 15 per cent reduction?

## 20 Operating Efficiency: Incentives and Restraints

The task force on operating efficiency: incentives and restraints, will hold an open hearing at 4:30 p.m. on Monday, April 21 in G-08 Uris Hall, chairman Donald Hayes has announced.

The charge to the task force (#20) follows:

The area of responsibility of this task force is the support and administrative staff — exempt and non-exempt, supervisory and non-supervisory, but excluding the teaching and basic research operations of the University which are the missions of other task forces.

1. What organizational and operational changes could be made to promote efficient job performance?

2. What are the existing restraints (e.g. legal and contractual) to employee performance and what efforts might be made to relieve them?

3. Are existing University personnel policies as effective as possible in promoting job

performance? Does the University's total compensation package sufficiently enhance performance?

4. To the extent that the recommendations of the Personnel Study Committee (Risley Committee of 1971) have not been implemented, should they now be implemented and if so, how? Are there new recommendations which should be made?

5. What changes in current administrative and supervisory practices would reduce the day-to-day frustrations of employees and reward their efficient and thoughtful performance?

6. What efforts can be made by University components to establish or increase the income-producing potential of their activities? What restraints are there to such developments?

## 6 Academic Responsibility of the Faculty—Teaching, Research, Advising

The task force on academic responsibility of the faculty — teaching, research, advising, chaired by Geoffrey V. Chester, will hold an open hearing at 4:15 p.m. Tuesday, April 22, in 217 Ives Hall.

The charge to this task force (#6) follows:

The area of responsibility of this Task Force includes extension as well as intramural teaching, research and advising.

1. Is it feasible to develop criteria respecting fundamental responsibilities of faculty respecting standard teaching loads, e.g. numbers of courses and credit hours, numbers of advisees, numbers of graduate students? If it is, is it desirable to do so? If use of such criteria is recommended, how is sufficient flexibility to be achieved to deal with variability by fields, and balancing with the research function and other appropriate professional activities, as well as with other needs for flexibility?

2. Are present balances respecting responsibilities (a) among lower division, upper division, and graduate courses and students, and (b) among teaching, research and outside professional activities relatively optimum in a time of straitened budgets? If not, what adjustments are needed, and how should they be achieved?

3. What particular obstacles lie in the way of achieving better balances in the areas mentioned in question 2? What incentives exist or might be introduced to achieve better balances?

4. Are present University regulations respecting consulting and other compensated work sufficiently restrictive in statement and implementation? Are there gaps in such regulations and their implementation, e.g. do they deal adequately with a paid editorship of a journal requiring two days work a week? Should the re-

Continued on Page 15

# Several Charges Are Complete

Continued from Page 14

gulations be made less restrictive, but at the same time lead to more formal recognition of such utilization of faculty time by adjusting salaries to a proportionate part-time basis where significant erosions of faculty effort to teaching and Cornell research occur? Are other more desirable alternatives available?

5. Do problems similar to those which can arise respecting compensated outside work occur respecting non-compensated professional work, e.g. unpaid editorships of learned journals, participation in associations? Do present regulations and practices deal adequately with these kinds of situations?

6. Assuming that it became essential to increase faculty teaching loads 15 per cent for budgetary reasons, how should such increase be achieved?

7. Assuming that it became essential to reduce the budget for faculty and fringe benefits 15 per cent, how should that reduction be achieved? (This question is also being asked of Task Force #7, Faculty Compensation, but an independent answer by this Task Force is desired.)

## 27 Athletics and Physical Education

The task force on athletics and physical education will hold an open hearing at 4:30 p.m. Wednesday, April 23, in G-94 Uris Hall, chairman Scott Elledge has announced.

The charge to the task force (#27) follows:

### A. Intercollegiate Athletics

1. What are the direct and indirect costs of current levels of Cornell participation in intercollegiate athletics?

2. Which of the above costs would be saved if Cornell were to abandon intercollegiate athletics altogether?

3. What is the relation of intercollegiate athletics to (a) the fundamental missions of teaching and research? (b) the physical health and tone of the community? (c) the general welfare and happiness of the community? (d) alumni support, other than alumni support of intercollegiate athletics itself?

4. Are the present costs of the intercollegiate athletics program justified in terms of the answers to question 3? Is

any support of intercollegiate athletics so justified? Are some such costs justified?

5. If the answer to question 4 is that some support of intercollegiate athletics is justified, but not at present levels, what are the proper criteria for determining the overall level of support for intercollegiate support for each intercollegiate sport?

6. Should Cornell reduce some or all of its intercollegiate athletics programs from Ivy League and regional to largely local, e.g. mainly to schools within 100 to 150 miles? If so, what criteria should be used to determine which sports should be in the Ivy League-regional tier and which in the local tier?

7. Should some part or all of intercollegiate athletics be financed by participant charges? If so, how much? If so, for all sports? If not for all sports, what should be the criteria for determining in which sports participants will be charged?

8. Apply the answers to questions 4 through 7 to each intercollegiate program now carried on by the Department of Physical Education and Athletics.

9. Assume that after all economies resulting from answers to the above questions are achieved, a further 15 per cent reduction in cost of intercollegiate athletics is required for budgetary reasons. How should such 15 per cent reduction be achieved? What should be the priorities within the 15 per cent reduction?

B. Intramural Programs and Facilities (other than mandatory physical education)

1. What are the direct and indirect costs of current facilities and programs of intramural athletics?

2. What is the relation of such programs to (a) the fundamental missions of teaching and research? (b) the physical health and tone of the community? (c) the general welfare and happiness of the community?

3. Are the present costs imposed on general University funds of intramural programs and facilities justified in terms of the answers to question 2? Is any support of such facilities and programs justified?

4. If some burden on general University funds is justified, but not at present levels, what are the proper criteria for de-

## Charges Available

Copies of the charges of the task forces as they are finalized are available in the Office of Public Information, 114 Day Hall.

termining the appropriate overall level of such support and the appropriate level of support for particular programs and facilities?

5. Should some part or all intramural programs and facilities be financed by participant charges? If so, how much? If so, for all programs and facilities? If only for some, what criteria should be used to determine which programs and facilities and how much should be so financed?

6. If participant financing is recommended for intramural programs and facilities, does that recommendation accord with the recommendations made concerning participant financing in intercollegiate athletics? If not, what is the explanation for the differences?

7. Apply the answers to questions 3 through 6 to specific programs and facilities now available.

8. Assume that after all economies resulting from answers to the foregoing question are achieved, a further 15 per cent reduction in cost of intramural programs and facilities is required for budgetary reasons. How would such 15 per cent reduction be achieved? What should be the priorities within the 15 per cent reduction?

C. Mandatory Physical Education

1. What are the direct and indirect costs of current mandatory physical education requirements?

2. Which of the above costs would be saved if Cornell were to abandon mandatory physical education?

## Chapel Talk On Food Conference

"The World Food Conference — A Massive Failure" will be the subject of G. Russell Hatton's talk at the Sage Chapel Convocation, 11 a.m. Sunday, April 20.

Hatton, a consultant on national affairs for the Anglican Church of Canada, was a non-government observer at the World Food Conference held in Rome last November. His visit to Cornell is being sponsored by the Center for World Community, the Coalition for the Right to Eat (CRE) and the Office of Religious Affairs at Cornell.

Hatton holds degrees from General Theological Seminary and Yale Divinity School, as well as a Ph.D. in sociology from the University of Minnesota. While at Minnesota, he served as chaplain-director of the University Episcopal Center and later taught courses there in social theory and the sociology of religion.

3. What is the relation of mandatory physical education to (a) the fundamental missions of teaching and research; (b) the physical health and tone of the community; (c) the general welfare and happiness of the community; (d) the intercollegiate and intramural athletics programs?

4. What would be the effect on the Department of Physical Education and Athletics, as well as on the various constituent parts of the University affected by accessory instruction fees, if mandatory physical education were abandoned?

5. Are present levels of mandatory physical education justified in terms of the answers to questions 3 and 4? Is any cost justified? If so, how much, and how should allocations be made?

6. Assume that after all economies resulting from answers to questions 3, 4 and 5 are achieved, budgetary limitations require a further 15 per cent reduction. How should such 15 per cent reduction be achieved? What should be the

priorities within such 15 per cent reduction?

## 4 Priorities Study

Priorities Study Task Force #4, Minority Programs, will hold an open hearing at 7:30 p.m. on Friday, April 25, in the Martha Van Rensselaer main auditorium.

The charge to the task force is to review the final reports of all other task forces with regard to their potential impact on minority programs, such as Africana Studies and Research Center, COSEP, minority financial aid throughout the University, prospects for an ethnic studies program, affirmative action in both faculty and non-faculty staff, any other areas affecting minority programs.

The public hearing is called to allow all concerned faculty, students and staff to make suggestions as to criteria the task force should employ in reviewing other task force reports.

## Academic, Financial Dateline

Tuesday, April 22 — Cornellcard bill payments are due.

### Reminders:

—To avoid a finance charge for mailing address changes for the summer, please fill out a change-of-address form in the Cornellcard Office, 260 Day Hall, by May 15.

—Arts college second semester sophomores must be accepted to a major before pre-registering.

—Applications for BEOG 1975-76 are available in the Financial Aid Office, the COSEP Office and the following college offices: Arch., Art & Planning; I&LR; Hotel; Agr.; A&S; and Human Ecology.

If you still haven't seen Mrs. Haxby in the Financial Aid Office to have your 1974-75 award processed, you should make an appointment to see her at once. Those students who have not returned their signed BEOG receipts and/or student affidavits should do so.

—June graduates who are loan recipients: Call 6-5145 before 4:30 p.m. now to sign up for an exit interview (April 7 - May 2). Failure to do so will result in hold up of grades and transcripts.

—June 1975 Degree Candidates: Financial accounts must be checked personally with Student Accounts, Bursar's Office, 260 Day Hall, between May 12 and May 23, 1975. Candidates whose accounts are not cleared cannot be certified for a degree.

—Veterans' Announcement: Veterans attending Summer Session will be eligible for G.I. benefits registering for 3-week, 6-week, or 8-week programs.

Persons with questions concerning this or other G.I. benefits should contact the veterans' benefits representative in the Registrar's Office, 222 Day hall.

## Better Batteries Sought

Batteries capable of storing greater amounts of electrical energy than the traditional lead-acid automobile battery could make feasible long-distance electric cars, storage of solar energy and efficient ways for electric utilities to store power produced during periods of low demand for use during peak load periods.

Under a \$50,000 contract with the Electric Power Research Institute (EPRI), Lutgard De Jonghe, assistant professor in Materials Science and Engineering, has been working on one of the key components of an alternative battery: the ceramic sodium beta alumina solid electrolyte of the sodium-sulfur battery now being developed.

De Jonghe is particularly in-

terested in how impurities in the beta-alumina electrolyte affect its ionic conductivity and the lifetime of the battery. He and his research assistants are preparing the solid electrolyte from pure powders in a variety of ways, and monitoring the mechanical, chemical, and electrical changes which occur when various impurities are added. They are also studying the effect of impurities in the positive (sodium) electrode of the battery.

The sodium-sulfur battery, which produces electrical power from the reaction of sodium with sulphur and operates at temperatures ranging from 300 to 350 degrees Centigrade, may provide up to 10 times more electrical energy for its weight than the lead-acid battery.

## Bird Photography On Exhibit at Lab

The color bird photography of Frederick Kent Truslow, one of the foremost living wildlife photographers, is on exhibit at the Laboratory of Ornithology, 159 Sapsucker Woods Rd.

Truslow, who at 53 traded a demanding job with a major manufacturing company for the equally demanding vocation of free-lance wildlife photographer, has contributed more than 325 photographs to National Geographic Magazine. His work has also

appeared in Audubon Magazine and the Laboratory of Ornithology's magazine The Living Bird.

Truslow obtains his true-to-life pictures by knowing the behavior of his subjects, anticipating their actions and keeping out of sight for hours at a time in a photographic blind.

The Laboratory of Ornithology is open to the public from 8 a.m. to 4 p.m. Saturday and Sunday.

# Calendar

## April 17-27

### Thursday, April 17

10 a.m.-7 p.m. World Food and Hunger Day. Straight Memorial Room. Sponsored by the Coalition for the Right to Eat.

12 noon-4 p.m. Celebracion Latinoamericana exhibition and sale of current Cuban Literature and Criticism as well as books on Cuban Studies. Straight Lobby.

2:45 p.m. Lecture: "Faculty Collective Bargaining: The Role of the AFT." Robert Nielsen, Director of the Colleges and Universities Dept., American Federation of Teachers, AFL-CIO. ILR Conference Center 105. Faculty and graduate students are invited to attend.

4 p.m. Celebracion Latinoamericana lecture: "Critical Sketch of Cuban Literature Outside the Island," by Julio E. Hernandez Miyares, Prof. of Modern Languages, Kingsborough Community College. Straight North Room.

4:30 p.m. Dept. of Classics Lecture: "Athletics in the Ancient World." Prof. Erich Segal, Dept. of Classics, Princeton University. The lecture will be followed by a film which Segal did for ABC television on Greek athletics. Kaufmann Auditorium.

4:30 p.m. Materials Science Colloquium: "Theoretical Aspects of Voids and Bubbles in Metals." Visiting Prof. F.V. Nolfi, Jr., Cornell. Bard 140. Coffee in Bard Hall lounge at 4 p.m.

4:30 Microbiology Seminar Schedule: "Viral Etiology of Urolithiasis." Dr. Catherine Fabricant, Veterinary Microbiology, Cornell. Stocking 124. Coffee at 4:15.

4:45 p.m. Film: "Deeply Submerged Terraces." 202 Plant Science. Sponsored by the Marine Biology Office.

6 p.m. Christian Science Organization invites students to a Readings and Testimony Meeting in the Founders Room, Anabel Taylor.

6 p.m. Club France Table Francaise. Meet people over coffee. Ivy Room (last table), Willard Straight Hall.

7 p.m. Lecture on some aspect of world food crisis. Statler Auditorium. Sponsored by the Coalition for the Right to Eat.

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

7:30 p.m. Ananda Marga Yoga. Weekly group meditation. North Campus Dorm 5, top floor lounge. Beginners welcome.

7:30 p.m. Pirke Avot. The Forum, Anabel Taylor.

7:30 p.m. Cornell Bridge Club. Clara Dickson Ballroom. Students, faculty, staff welcome.

8 p.m. Celebracion Latinoamericana: "Socialism and Revolution in Latin America," by Luis Aguilar, Prof. of History, Georgetown University. Uris G-94.

8 p.m. Lecture: "Capitalists Formations in the Periphery: State Capitalism, the Cases of Peru, Algeria, etc." Prof. James Petras. Ives 110. Sponsored by the Hellenic Student Association.

8 p.m. North Campus Union Free Film Series: "Rose Marie." Multi-purpose room, North Campus Union.

8:15 p.m. \*Drummond Studio Production: "You Were So Nice When You Were Young," by Jean Anouilh.

8:15 p.m. Concert: Cornell Symphony Orchestra, Karel Husa, director, and Cornell University Glee Club and Chorus, Thomas A. Sokol, director. Bailey Hall. Works of Bruckner and Honegger.

8:30 p.m. Debate: Antitrust: Boon or Bane? Ives 215. Sponsored by Radicals for Capitalism.

9 p.m. Noyes Center Free Film Series: Special Attraction: "The Autobiography of Miss Jane Pittman," starring Cicely Tyson.

### Friday, April 18

12:15 p.m. Women's Studies Sandwich Seminar: "Matriarchy in the Ancient World: Rhetoric or Reality?" Katherine A. Coleman, Lecturer, Women's Studies & Classics, Arts & Sciences, Cornell. ILR Conference Center 300. Child care provided. Bring a bag lunch; coffee available.

1 p.m. Diacritics Symposium III: "The Cinema and The Film." Kaufmann Auditorium.

4 p.m. Cornell Literature Club Modernism Series: "A Russian Modern Masterpiece. Andrei Bielys' St. Petersburg." Pat Carden, Dept. of Russian Literature, Cornell. Temple of Zeus, Goldwin Smith.

4:15 p.m. Freshman Baseball — Ithaca College.

6 p.m. Shabbat Service. The Founders Room, Anabel Taylor.

6-9:30 p.m. Jordani Auction. Goldwin Smith A. Sponsored by Jordani Society.

6:30 p.m. Shabbat Service. Young Israel House.

\*The Cornell Folk Festival will feature an evening concert in Barton Hall. Sponsored by The Cornell Concert Commission.

7 & 9:15 p.m. \*Cornell Cinema Film: "Savages," directed by James Ivory. Uris Auditorium. Attendance limited to Cornell Community.

7 & 9:45 p.m. \*Cornell Cinema Film: "2001," directed by Stanley Kubrick. Statler Auditorium.

7:30 p.m. Lecture: "Asians in America, Values in Conflict." Dr. Haesung Koh. One World Room, Anabel Taylor. Sponsored by Asian American Coalition, Chinese Student Assoc. and Korean Student Assoc.

8 p.m. Cornell Film Society Free Film: "West Side Story." Ives 120. Open to the public.

8 p.m. Lecture: "Is Christianity Rational?" Dr. Alvin Plantinga, Prof. of Philosophy at Calvin College. Ives 215.

Sponsored by the Thomas F. Staley Foundation.

8 p.m. \*Celebracion Latinoamericana: 4th Traditional Baile De Gala with Carbia Brothers' Combo from New York City. Ramada Inn. Formal.

8:15 p.m. \*Drummond Studio Production: "You Were So Nice When You Were Young" by Jean Anouilh.

8:30 p.m. Shabbat Service. Hi Rise Lounge No. 1.

9 p.m. Dance: Music by Onyx. First floor lounge, North Campus Union. Sponsored by NCU Board.

9 p.m. "Power Hour." Noyes Center 308. Sponsored by the Campus Crusade for Christ.

### Saturday, April 19

8 a.m.-7 p.m. Cornell Folk Festival Craft Fair. Straight Memorial Room. Sponsored by the Cornell Concert Commission.

9 a.m.-6 p.m. \*Cornell Folk Festival Workshops. Uris Auditorium.

9 a.m.-5 p.m. A Pre-Cana session for anyone planning marriage in the near future. Founders Room and One World Room, Anabel Taylor. Please preregister at the Catholic Office.

9 a.m.-12 noon & 1-6 p.m. Diacritics Symposium III. Kaufmann Auditorium.

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

9:30 a.m. Shabbat Service (Conservative). The Forum, Anabel Taylor.

10 a.m. Open Discussion with Dr. Alvin Plantinga, Prof. of Philosophy at Calvin College. Uris Hall G-92. Sponsored by the Thomas F. Staley Foundation.

12 noon-6 p.m. Cornell Folk Festival Square Dance. Lynah Rink.

1 p.m. \*Mini-Craft Series: Bent wire jewelry. Ann Gordon. Participants will learn basic techniques of twisting, bending and simple forging of copper, brass and silver wire to make bracelets, rings or pendants. Bring any beads you have. First floor lounge, Noyes.

1 p.m. Freshman Baseball — Cortland (2).

1:30 p.m. Dissection of a 250 plus pound dolphin (possibly a pregnant female) by Dr. Howard Evans of the Veterinary College. Anatomy Loading Dock — east end of Building D — Vet College. In case of rain at the Anatomy Barn ("O").

1:30 p.m. Dissection of a 250+ pound dolphin (possibly a pregnant female) by Dr. Howard Evans of the Veterinary College. Morrison 167.

2 p.m. Lightweight Crew — Princeton.

2 p.m. \*Varsity Lacrosse - Johns Hopkins.

2:30 p.m. Talmud Shiur. Young Israel House.

3 p.m. \*Concert: "Revolutionary Music — Songs of Struggle," with Prairie Fire. Kaufmann Auditorium, Goldwin Smith. Sponsored by the Revolutionary Student Brigade.

4:30 p.m. \*Freshman Lacrosse — Army. Schoellkopf.

5:15 p.m. & 11:30 p.m. Catholic Masses. Anabel Taylor Chapel.

\*The Cornell Folk Festival will feature a concert in Barton Hall (evening). Sponsored by the Cornell Concert Commission.

7 & 9:15 p.m. \*Cornell Cinema Film: "Les Violons Du Bal," starring Jean-Louis Trintignant. An Ithaca Premiere. Uris Auditorium.

7 & 9:45 p.m. \*Cornell Cinema Film: "2001," directed by Stanley Kubrick. Attendance limited to Cornell Community.

8:15 p.m. \*Drummond Studio Production: "You Were So Nice When You Were Young," by Jean Anouilh.

8:15 p.m. Music Dept. Student Concert: Mark Fasman, trumpet, Jack Gallagher, trumpet. Works for Baroque trumpet. Barnes Hall.

8:15 p.m. \*Cornell Polo - Unadilla. Oxley Polo Arena.

9 p.m. Film: "I Was Born In Jerusalem." Anabel Taylor Auditorium. Sponsored by Hillel.

### Sunday, April 20

9:30, 11 a.m. & 5 p.m. Catholic Masses. Anabel Taylor Auditorium.

9:30 a.m. Holy Communion Episcopal Church at Cornell. All are welcome. Students, faculty and families. Anabel Taylor Chapel.

10 a.m. Cornell Folk Festival Square Dance. Straight Memorial Room.

10 a.m. Friends Meeting for Worship. Child care provided for infants. Discussion at 11. All welcome. Anabel Taylor Forum.

11 a.m. Sage Chapel Convocation. G. Russell Hatton, Consultant, National Affairs, The Anglican Church of Canada, Toronto, Ontario.

11 a.m. Heavyweight Crew — Rutgers.

4 p.m. Sage Chapel Centennial Concert. Donald R.M. Paterson, University Organist. Sponsored by the Music Dept.

6 p.m. Meatless Community Supper with Bingo following in the One World Room, Anabel Taylor. Sponsored by the Cornell Catholic Community.

7 p.m. Table Tennis Clinic followed at 7:30 by Round Robin Singles. Barton Hall. Everyone welcome.

7 & 9:15 p.m. \*Cornell Cinema Film: "Les Violons Du Bal," starring Jean-Louis Trintignant. An Ithaca Premiere. Uris Auditorium.

8:15 p.m. \*Drummond Studio Production: "You Were So Nice When You Were Young," by Jean Anouilh.

### Monday, April 21

4 p.m. Jugatae Seminar: "Insect Hormones." Dr. W.S. Bowers, Prof., N.Y.S. Agricultural Experiment Station, Geneva, N.Y.

7:30 p.m. Equine Breeding and Management Short Course: "Liability of the Horse Owner." Prof. Joseph B. Bugliari, both a lawyer and an economist, and Prof. in both Agricultural Economics and Business and Public Administration at Cornell. (After a presentation on liability Prof. Bugliari will be willing to entertain questions, including those on breeding contracts.)

7:30 p.m. Lecture: "On the Structure & Pathology of Oppression." Don Luce, John Marks, Dennis Banks and Flo Ken-

nedy, speakers. Bailey Hall. Sponsored by Ithaca-Cornell Comm. on Oppressions & Justice.

7:30 p.m. Food Facts and Fads lecture: "A Package Is Not Just a Wrapper." T.A. Downes, Dept. of Food Science. Uris Auditorium.

7:30 p.m. Modern Jewish History. Anabel Taylor 314.

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

8:15 p.m. Music Dept. Concert: Cornell Gamelan Ensemble. Concert and dance music of Central Java. Barnes Hall.

8:30 p.m. Equine Breeding and Management Short Course: "Insurance Options for Horse Owners." Daniel W. Potter, P.W. Wood & Son, Inc., Ithaca, and insurance agent specializing in farm and agricultural policies. (Ample time will be available for questions.) Morrison 146.

9 p.m. \*Cornell Cinema Film: "Bowie," a documentary about David Bowie, by D.A. Pennebaker. Uris Auditorium. Attendance limited to Film Club Members.

### Tuesday, April 22

12 noon-2 p.m. Exhibition: A Native American Presentation. Straight Memorial Room. Sponsored by ICCOJ.

3:30 p.m. Freshman Baseball - Ithaca College at Ithaca College.

4:15 p.m. Varsity Baseball - Rochester.

4:15 p.m. Cornell Literature Club Lecture: "McLuhan: Media as Metaphor." Derek de Kerckhove, University of Toronto. Temple of Zeus, Goldwin Smith Hall.

4:30 p.m. Music Dept. Lecture: Anthony Milner, Benjamin Britten's Death in Venice. Lincoln 121.

4:30 p.m. Field of Physiology Seminar: "Reduction and Levels of Organization." Drs. Provine, Boyd and Wimsatt — Depts. of Philosophy & History, Cornell University & University of Chicago. Morrison 348. Coffee & tea at 4:15.

4:30 p.m. Dept. of Geological Sciences Seminar: "Early Mesozoic Truncation and Collision in Western North America." Dr. R. Schweikert, Columbia University. Kimball B-11. Coffee at 4 p.m.

4:45 p.m. Film: "Watermen of Chesapeake." Shows the impact of the Bay and its resources on a large segment of America. Plant Science 202. Sponsored by the Marine Biology Office.

8 p.m. \*Film: "Henry V." Straight Memorial Room. Co-sponsored by Cornell Law Association and Cornell Cinema.

8 p.m. \*Cornell Cinema Film: "The Discreet Charm of the Bourgeoisie," directed by Luis Bunuel. Uris Auditorium. Attendance limited to Cornell Community.

8 p.m. Russian & East European Film Series: "Three" (Yugoslav, 1966). Morrison Hall Auditorium. Sponsored by Dobro Slovo and the Soviet Studies Comm.

8:15 p.m. Lecture: Dr. Werner von Braun. Bailey Hall. Sponsored by Oliphant Society.

9 p.m. Noyes Center Pub Flicks: Schlitz Sports Movies. Drink special on Schlitz beer.

### Wednesday, April 23

3-5 p.m. Pierce Memorial Lecture Series. Ives 110.

4 p.m. Cornell Golf - Rochester.

4:30 p.m. Food Science Seminar: "Development in the Area of Feline Nutrition." Dr. Paul Bruns, Coordinator for Food Safety and Regulatory Matters, Thomas J. Lipton, Inc., Englewood, Cliffs, N.J. Stocking 204. Refreshments at 4:15 p.m.

7-8:15 p.m. Hebrew Instruction: Beginners, Advanced. Anabel Taylor 314.

7:30 p.m. Book of Jonah (Yonah Sefer). Anabel Taylor G34.

7:30 p.m. Human Development Meeting. Catholic Office, Anabel Taylor

8 p.m. \*Cornell Cinema Film: "How To Succeed In Business Without Really Trying," starring Robert Morse and Rudy Vallee. Co-sponsored by the Graduate School of Business and Public Administration. Uris Auditorium.

### Thursday, April 24

12 noon - 8 p.m. Marson Galleries - Near & Far Eastern Print Sale/Exhibit. First floor lounge, North Campus Union. Sponsored by NCU Board.

2:45 p.m. University Governance and Faculty Collective Bargaining: "Faculty Collective Bargaining: The Role of the AAUP." Martin Lapidus, director and associate secretary, American Association of University Professors. ILR Conference Center 300.

4:15 p.m. Society for the Humanities Lecture: "The Odyssey of Osip Mandelstam: 1913-1925." Ephim Fogel, Prof. of English, Cornell; Faculty Fellow, society for the Humanities. Kaufmann Auditorium.

4:30 p.m. Microbiology Seminar: "Genetic Control of Cell Formation and Cell Formation of Neurospora." Dr. Adrian M. Srb, Genetics, Development & Physiology, Cornell. Stocking 124. Coffee at 4:15.

4:30 p.m. Music Dept. Concert: Cornell Wind Ensemble. Straight Memorial Room.

4:30 p.m. Materials Science Colloquium: "Yielding of Amorphous Polymers." Prof. James C. M. Li, University of Rochester, Rochester, N.Y. Bard 140. Refreshments served in Bard Hall lounge at 4 p.m.

6 p.m. Club France Table Francaise. Meet people over coffee. Ivy Room (last table) Willard Straight hall.

6 p.m. The Cornell Christian Science Organization invites students to a Readings and Testimony Meeting in the Founders Room, Anabel Taylor.

7 p.m. Concert: Cornell Jazz Ensemble. Straight Memorial Room.

7:30 p.m. Cornell Bridge Club. Clara Dickson Ballroom. Students, faculty, staff welcome.

7:30 p.m. Ananda Marga weekly group meditation and informal discussion on yoga. Free instruction; beginners welcome. North Campus Dorm 5, top floor lounge.

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

7:30 p.m. Pirke Avot. The Forum, Anabel Taylor.

8 p.m. Celebracion Latinoamericana: Lecture: "Alternative

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