

O'Brien Succeeds Morison As Biological Division Director

Richard D. O'Brien, professor of neurobiology, has been named director of Cornell University's Division of Biological Sciences. O'Brien's appointment, which



RICHARD D. O'BRIEN
Biological Sciences Director

is effective July 1, was announced today by University President Dale R. Corson. It is for a five-year term and has been approved by the Executive

Committee of the University's Board of Trustees upon the recommendation of President Corson.

The British-born scientist succeeds Dr. Robert S. Morison, director of the Division since its inception in 1964. Dr. Morison, who last summer notified the University of his intention to resign as director as soon as a replacement could be found, has been named to the newly established Richard J. Schwartz Professorship in the College of Arts and Sciences at Cornell.

The Division of Biological Sciences was established as an inter-college administrative unit to coordinate and supervise education in basic biology at Cornell. The Division's goal is to accommodate teaching and research at Cornell to the "startling new and diversified advances being made almost daily in the area of the biological sciences."

The Division's next director, O'Brien, has been chairman of the Division's Section of Neurobiology and Behavior since 1965. This section is one of five that comprise the Division. The other sections are Genetics, Development and Physiology; Biochemistry and Molecular Biology; Microbiology; and Ecology and Systematics.

Before assuming the chairmanship of Neurobiology

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Straight Managers Okay Program Reorganization

The Willard Straight Hall Board of Managers has approved a plan to reorganize the programming activities of the University student unions which is designed to increase operating efficiency.

The proposal, which calls for four working committees to supplant the present eight groups working on various union programs, must go before the University Unions' Board of Governors for final approval. That body represents students, staff, alumni and trustees.

The new system does away

Ballot Count Starts Friday

Valentine's Day mail traffic coupled with the heavy bulk of incoming Cornell University Senate mail ballots apparently prevented ballots from reaching their destinations in time for some voters to meet the original February 23 postmark deadline.

The deadline was extended to midnight Wednesday after the Interim Election Committee of the Constituent Assembly found by checking with the Ithaca post office that the ballots, which were sent under a bulk mail permit, were probably slowed up considerably by the holiday mail as well as by the number of ballots being returned.

Counting of the ballots is expected to begin tomorrow, and it is hoped results of the community-wide referendum will be available about March 2, Constituent Assembly secretary Paul Van Riper said.

with the present Board of Managers and as many as ten committees working under the Board, "often doing many of the same things," according to William Edwards, programming coordinator.

In its place, an Executive Board of University Unions will be instituted with programming jurisdiction over Noyes Student Center and the new North Campus Center, as well as the Straight. On the new board will be represented the student president and vice president of the University Unions, and four functional committees.

The committee on "content and program" will be responsible for determining what type of programs are to be presented, and their feasibility. The group will recommend media, locations, methods and dates for presenting that content.

A second committee with deal with management. That group will be responsible for the working details of a program, and coordinating the publicity and content work on a program.

The committee on publicity and public relations will deal with promoting and publicizing various programs, and will coordinate advertising.

The final group, the committee on communications and review, will be responsible for "compiling and explaining policies and procedures governing the buildings, personnel, and programs of the union organization."



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Shaw Clarifies Meal Plan Situation For Six-Year Ph.D. Students

Milton R. Shaw, Cornell's director of housing and dining services, has clarified his department's position regarding the Six-Year Ph.D. Program dining services meal plan.

The meal plan became an issue when it was reported yesterday that some 20 Six-Year

Ph.D. students, all living at the Residential Club, wanted to be released from their meal contracts. The Department of Housing and Dining Services and the Six-Year Ph.D. Program have a unique meal plan in operation. Originally, all Residential Club residents were scheduled to eat

five breakfasts and dinners per week at the Res Club dining room.

According to Shaw, this meal program was organized jointly by his office and the Six-Year Ph.D. staff as part of the overall educational program.

"Originally, the idea was for the 'fuds' (Six-Year Ph.D. students) to live and dine together," Shaw said.

As in many aspects of the Six-Year Ph.D. Program, income from students does not cover the total cost of the meal plan, and part of an original \$2.2 million grant from the Ford Foundation is used to subsidize the losses of the dining operation.

Both the Program's staff and Housing and Dining sought to keep the deficit as low as possible, Shaw said. "The meal plan was designed to support dining by a student commitment to eating at the Res Club," he added, "thereby decreasing the subsidy."

Even with all 60 'fuds' plus ten faculty and staff members eating their meals at the Res Club dining room (which was put into operation solely for the Six-Year Ph.D. program), the estimated subsidy for this year was \$5,000, he said.

This deficit estimate was increased when the Program staff agreed earlier in the year to let its students use their meal tickets at other University dining facilities.

A revised estimate of the loss incurred by operating the Res Club dining room, including both students still on the meal plan but eating elsewhere, and the 20 students who wish to be completely released from their contracts, runs in the neighborhood of \$15,000, Shaw said.

An article published in Wednesday's issue of the Cornell Daily Sun reported that Alain Seznec, director of the Program, had charged that Housing and Dining "is attempting to milk the Ford Foundation" of \$6,000 to

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Wari Incident

Corson 'Deeply Upset'; Terms Harassment 'Intolerable'

University President Dale R. Corson has issued the following statement concerning last weekend's incident at Wari House:

"I was shocked to learn of the incident at Wari House over the past weekend, during my absence from the campus, in which the lives of house residents were maliciously threatened by a kerosene filled construction flare pot thrown on the porch. The Acting President, Controller Arthur Peterson, reported the incident to me by

telephone, and I concur with his public statement. I am deeply upset by this occurrence, and the University will do everything possible to insure that such incidents will not occur again. Such malicious harassment is intolerable in this community.

"The Division of Safety and Security is cooperating with off-campus police agencies in following every lead in their efforts to apprehend those responsible.

"The Safety Division is

Continued on Page 2

Requiescat in Pace



THE CHANGING SCENE — Building construction opposite Day Hall has resulted in the removal of "Burton Hall," known more commonly as the former campus bus stop shelter and visitor information center at the corner of Tower Road and East Avenue. "Burton Hall," named in honor of University Vice President for Business John E. Burton whose Day Hall office overlooks the site, gave way to progress and a temporary bus shelter. Friends of "Burton Hall" marked its demise with appropriate funeral memorabilia.

Chronicle Capsule

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Art of Glass Blowing Thrives

The ancient art of glass blowing, considered by many a dying trade, is alive and thriving in the basement of Clark Hall at Cornell University — thanks to the rapid growth of science.

Perched on their stools in the University's Glass Shop, two full-time employees devote eight hours a day to making glass products ranging from simple tubes to complicated apparatus for Cornell's hundreds of researchers.

The Glass Shop administratively is under the University's Laboratory of Atomic and Solid State Physics but requests for help come from all parts of the campus.

The demands of glass blowing — discipline, skill and patience — seem out of step with much of the rest of the world which is geared to mass production. To Cornell's glass blowers, each job is a custom job and very often they must hold their work to extremely close tolerances. A slip of the hand could be disastrous in cases where great precision is needed. About 75 per cent of their work is fashioned completely by hand.

Leon H. Hinman, supervisor of the Glass Shop, said the scientific apparatus glass blowers make at Cornell ranges from almost microscopic pieces to tubes several feet in length. One complicated device Hinman recently fashioned was an entire glass laser about three feet long.

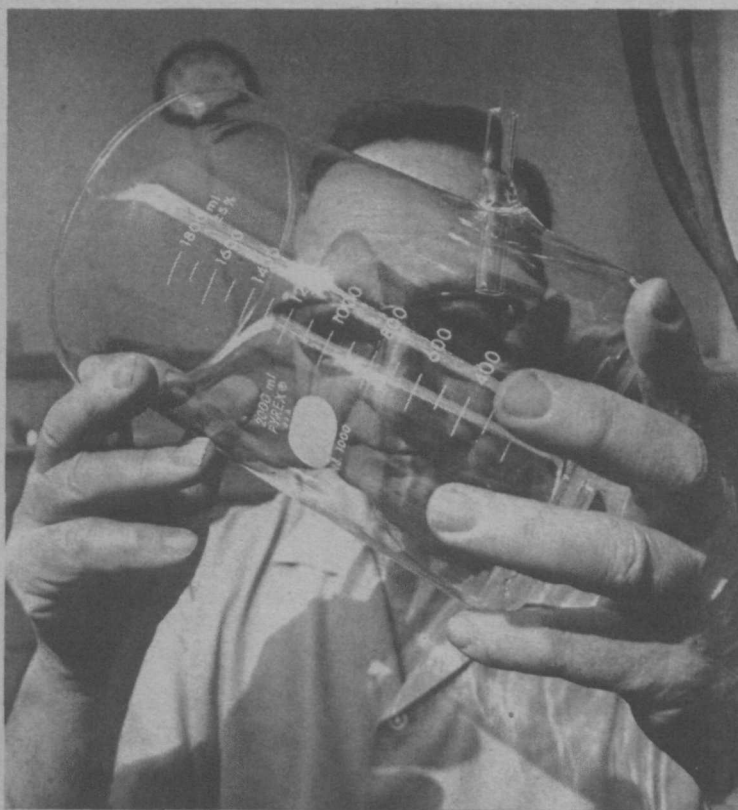
Usually, the glass blowers work from a sketch or rough drawing of the item a researcher has requested. For smaller glass blowing jobs, the men sit at a special bench equipped with a hot torch fed by gas and oxygen. The blower starts by getting

some raw glass stock which is kept in various sizes in a cabinet. The glass material is heated until it is soft and pliable. Using a carbon tool, the glass blower forms the product he's seeking to make.

"Most of the time we make what the research person can't

suffered an eclipse during the Dark Ages and was almost lost as a useful art. The rising importance of scientific research and its need for all sorts of glass apparatus gave glass blowers a big boost into modern times.

Despite the increased demands for glass blowers'



A GLASSY STARE — Leon H. Hinman, supervisor of the University's Glass Shop in Clark Hall, inspects a glass vessel to which he has just added the little spout on top.

get quickly from a supply house," Hinman said. "Lots of times they're in too big a hurry to go to these other places. Or it may be that what he wants just doesn't exist and we have to make it for him from scratch."

Although glass blowing had its foundations in ancient Egypt, it

services, there is a great shortage of them in this country, Hinman said. One estimate is that there are about 600 of them in the United States.

"It's a good profession for young people," Hinman said. "It's never monotonous and each case is different."

FCSA Urges Open Meetings

The Faculty Committee on Student Affairs (FCSA), at its meeting Monday, adopted the following policy on open meetings:

The FCSA believes that the desirable goals of improved community understanding and communication, and better informed and more responsible reporting and discussion of matters of importance to the University community would be

well served by opening the meetings of bodies which deal with such subjects to interested students, faculty members, and news media.

The FCSA therefore encourages other faculty committees, particularly those of direct concern to students, to adopt such a policy on open meetings and news media.

The FCSA further encourages the University Faculty to adopt a similar policy.

CIS Publishes New Bulletins

The Center for International Studies (CIS) at Cornell will publish the first in a new series of "Bulletins" tomorrow for the benefit of the Cornell community.

The "Bulletins" will attempt to provide complete coverage of new developments in key areas that affect the immediate and long-range interests of Cornell faculty and students engaged in international studies.

The publication will include activities of the CIS, fellowship announcements, federal agency information, student news, research opportunities, new courses, visitors and other items of interest.

Biology Lectures To Be Broadcast Weekly by WVBR

Students are now able to stay in their dorm rooms while still taking a credit course Monday evenings in the popular new series on "Biology and Society."

Due to continuing interest and large crowds at the weekly lectures, arrangements have been made to have the lectures broadcast throughout the Cornell dormitories.

Next week, Efraim Racker, Albert Einstein Professor of Biochemistry, will speak on the "Biochemistry of Psychoses." The lecture, held in Alice Statler Auditorium at 8:15 p.m., is open to the public and will again be broadcast live by radio station WVBR's closed circuit hookup in the dormitories. However, residents of the newly completed North Campus dormitories will not be able to hear the broadcast, because those dorms have not yet been tied into the hookup.

The broadcasts can be heard by dialing 640 on any AM radio. The lectures will not be heard over the student operated station's regular FM broadcast band.

Clarks Give Endowment For Clark Hall and Library

Cornell University has received a \$1.3 million endowment from Mr. and Mrs. W. Van Alan Clark for the unique purpose, among philanthropic gifts, of providing funds for the operation of a special library and a university building.

University President Dale R. Corson has announced that proceeds from the fund will be used for the operation of the University's Clark Hall of Science and its library. The \$7.8 million building was completed in 1965, largely through a \$3 million gift from the Clarks, and named Clark Hall of Science in their honor. The library in Clark Hall is named the Edna McConnell Clark Library in honor of Mrs. Clark.

Clark, a member of the Cornell Class of 1909, is honorary board chairman of Avon Products Inc. of New York City.

"This latest gift from Mr. and

Corson

Continued from Page 1

providing increased security for Wari House and will continue to provide increased surveillance of the house and the surrounding area."

In a statement Monday Peterson said "the University has taken special security precautions to prevent a repetition of the act of malicious vandalism which occurred at the Wari House early Sunday morning."

Peterson termed the vandalism at the Cornell black women's cooperative as a "vicious threat to the lives of the occupants. We have taken measures to insure that a repetition will not occur at the Wari House or any other University residence. We are doing everything possible to apprehend those involved."

Peterson said that the University's Safety and Security Division was cooperating in the investigation with City and State police.

Tuesday, the Educational Policy Committee of the College of Arts and Sciences passed a statement which read: "The student and faculty members of the Educational Policy Committee (of the College of Arts and Sciences) express our feeling of outrage at the malicious assault on the Wari Cooperative. Cornell's black students have a right to expect security and respect for themselves as persons, and we urge that every effort be made to apprehend and to prosecute the culprits."

Grange Records In Archives

The non-current records of the National Grange will be deposited in the Cornell University Collection of Regional History and University Archives for use by scholars and researchers. It is the first time a major farm organization has released its records for placement in a repository.

Mrs. Clark," President Corson said, "attests to not only their continued generosity to higher education but also to their farsighted concern for its essential activities. Everyone is aware of the millions it takes to build new buildings, but few give a second thought to the thousands required annually to operate a complex scientific building like Clark Hall."

"Cornell and the many other institutions that have benefited from Mr. and Mrs. Clark's interest are indeed fortunate to have such steadfast support, particularly at the time when higher education is faced with mounting fiscal problems."

Two of the Clarks' sons are Cornell graduates. Hays Clark '41 is a member of the Cornell Board of Trustees and James Clark '44 is a Cornell Council member.

W. Van Alan Clark Sr. was among the first Cornell Presidential Councillors named following their establishment in 1966.

Students: Note Parking Rules

The Cornell University Board on Traffic Control has announced that students living on the streets (or portions indicated) listed below will not be eligible for commuter parking permits after June, 1970. To be eligible for such parking privileges, a student must live more than one and one-half air miles from the Tower Road-East Avenue intersection.

This rule had been established in May, 1969, but was not strictly observed this year due to lack of advance notice for students who had already leased apartments for the '69-70 year.

For further details, a street map is posted in the Traffic Bureau Office, Barton Hall.

Albany, South; Allen; Aurora, South up to 829; Blackstone Avenue; Cayuga Heights Road up to 520; Cayuga Park Circle; Cayuga Park Road up to 121; Cayuga, South; Coddington up to 250; Comstock Road up to 200; Crescent Place; Danby Road up to 829; Ellis Hollow Road up to 1077; Fair Street up to 108; Fountain; Geneva, South; Grand View Avenue; Grand View Court; Grand View Place; Hanshaw Road up to 500; Hawthorne Circle; Hawthorne Place; Highland Road up to 625; Hillview Place; Hudson Place; Hudson and Extension; Hudson Heights; Hyers; Kendall Avenue; Maryland; Orchard; Park Street; Parkway Road up to 501; Pearsall Place; Pennsylvania Avenue; Pier Road; Plain Street South up to 707; Renzetti Place; Roat and Extension; Seneca West up to 804; Slaterville Road up to 1422; South Hill Terrace; Spencer Road up to 314; Spencer Street East; Spencer Street West; The Parkway up to 501; Titus; Turner Place; Willow Avenue; Wood Street up to 310.

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Barton Blotter

Flare Pots, Overturned Cars, and Theft...

Gleaned from the morning report of the Division of Safety and Security for the past two weeks were the following items:

—a student was apprehended by an employe of the Campus Store at Sheldon Court after he allegedly attempted to steal three pairs of trousers by putting them in his book bag. The matter was referred to the Office of the Judicial Administrator.

—a magazine solicitor who was reported soliciting subscriptions in Balch Hall without authorization was advised that soliciting was not allowed on University property.

—a professor maliciously kicked open the door to his office after he had locked himself out and requested assistance in unlocking the door. He became belligerent and impatient with assisting officers when they requested identification and clarification of a statement he made concerning the presence of two vicious dogs in the office. The matter was referred to the Office of the Judicial Administrator.

—The head custodian in Myron Taylor Hall reported that a telephone in one of the rooms in the building had been ripped from the wall.

—a student reported he was assaulted by four or five white males while walking near the Libe Slope. He was unable to

Return to Olympus



HELSINKI AT THE HEPTAGONALS

—Cornell Olympic runners Meredith (Flash) Gourdine '53 and Charles Moore '52 return each year to officiate at the indoor Heptagonal Games. The 23rd annual indoor track competition between the Ivy League schools and Army and Navy will be held Saturday night in Barton Hall. Gourdine (left), a Cornell trustee, was second in the long jump in the 1952 Olympics in Helsinki, Finland. Moore won the 400-meter hurdles in the same Olympics and is the world record holder in the 440-yard hurdles.

give any description other than to say they appeared to be of high school age. He was not injured.

—The head custodian of Myron Taylor Hall reported the theft of a large, green, potted plant and two brass containers from the main floor of the building.

—a student reported the theft of a large rural delivery mail box from the driveway of his residence.

—an assistant basketball coach reported the theft of seven wallets belonging to members of the freshman basketball team from a Teagle Hall locker room.

—a sofa was reported missing from a room in South Baker Hall.

—an employe reported the theft of the left headlight from his automobile parked in the Willard Straight Hall parking lot.

—a student reported the theft of his portable electric typewriter from his room in South Baker Hall.

—a patrolman smelled smoke in the West end of Barton Hall and upon investigation discovered an Army ROTC bulletin board had been burned.

In searching the area, he found a can of automotive starting fluid in the snow outside Barton Hall. Further investigation revealed this fluid had been sprayed on the bulletin board. A note found on a bulletin board opposite the one that was burned read "February 15 — MORATORIUM SAYS STOP KILLING PEOPLE." It was signed with a peace symbol.

—a student reported a carton filled with rags and paper soaked with linseed oil smoldering in a fraternity house due to spontaneous combustion. Members of the fraternity house had been oiling the woodwork and had placed the discarded rags in the box.

—a report was received saying three horses were on Route 366 near the Farm Service Building. One of the horses was killed and another injured when struck by a passing pickup truck whose driver was unable to avoid the animals in the road. The animals had strayed from the Slaterville Road area where they were boarded.

—an employe reported two cushions missing from chairs in the basement ladies room in Plant Science.

—The director of the Martha Van Rensselaer educational television center reported the theft of a microphone mixer.

—Ten sets of stereo headphones were reported stolen from Lincoln Hall.

—The head resident of a sorority reported the theft of \$18 in cash from her purse in her apartment.

—an administrator in the New York State School of Industrial and Labor Relations reported a telephone receiver missing from a room in Ives Hall.

—a security inspector for the New York Telephone Company reported that illegal long distance phone calls are being made by students in the

dormitories to avoid toll charges.

—a fraternity steward reported a break into the freezer and storeroom of his fraternity and food items stolen.

—some 200 persons participated in a rally and marched from Willard Straight Hall to the Tompkins County Courthouse in a "Chicago 7" trial protest. An effigy of "American Injustice" was burned on the courthouse steps. The group later marched to Ithaca High School but were prevented from entering by Ithaca Police.

—the head custodian at Schoellkopf Hall reported that the glass had been broken in the large display case on the ground floor of Barton Hall. Two large stones and a piece of asphalt were found in the case. A 4" x 6" index card was thumbtacked to the center portion of the board. It read: "PLEASE STOP KILLING HUMAN BEINGS — FEBRUARY 21, 1970 — MORATORIUM ACTIVITIES — STONE ROTC."

The front of the case was covered with plywood sheets as a safety precaution.

—a graduate student reported the theft of her stereo tape deck and six tapes from her car parked in the American Legion lot on Stewart Avenue.

—a coed reported a vehicle parked in front of 208 Dearborn Place which appeared to be on fire. Investigation revealed that unknown person(s) had thrown a lighted pot flare in through the left front window of a Volkswagen belonging to a student. The fire was quickly extinguished. A second pot flare was found on the front porch of 208 Dearborn Place (Wari House) but was not burning when found. There was evidence the flare was thrown against the building, bounced off, and came to rest on the porch. A guard was assigned to 208 Dearborn Place for the rest of the night.

—an employe of Olin Library reported that his Volkswagen sedan had been overturned on its right side while parked on Garden Avenue near Barton Hall. The services of a wrecker were needed to right the vehicle. There were five other incidents of unoccupied vehicles being overturned or rolled over embankments in the surrounding area during the night.

—a Willard Straight desk employe reported a break into a room in an office in the Straight and \$27 in cash missing.

—the head resident of Sperry Hall reported that the windshield of his vehicle was cracked by a bag of ice being thrown against it. The vehicle was parked in the University Halls parking lot.

—an accidental fire alarm came in from University Hall 2. No equipment was dispatched since the head resident called to say the alarm was accidental.

—a stenographer in Martha Van Rensselaer Hall reported the theft of a stereo tape recorder and 14 tapes from her vehicle parked in A lot.

Dotson, McDowell, Burton Named to New Positions

A number of faculty appointments have been made over the last two weeks, in engineering, the philosophy and government departments, and the Medical College.

Arch T. Dotson has been elected professor and chairman of the Department of Government, effective July 1, 1970. University President Dale R. Corson announced Tuesday.

Dotson has been acting chairman of the department during the present academic year, and has been an associate professor in the government department since 1956. He came to Cornell as an assistant professor in 1951.

Dotson received his doctorate and master of arts degrees from Harvard University, and his bachelors from Transylvania College, in Kentucky. He did postdoctoral work at the London School of Economics in 1950 and 1951.

Richard H. Gallagher, professor of structural engineering since 1967, has been named acting chairman of the Department of Structural Engineering.

He succeeds George Winter, the Class of 1912 Professor of

"Correlation Study of Methods of Matrix Structural Analysis," and editor of the International Journal of Numerical Methods in



ARCH T. DOTSON
Government Chairman

Engineering. Last August, he organized and was the United States chairman for a U.S.A. — Japan seminar on matrix methods of structural analysis and design. Sponsored by the National Science Foundation, it was held in Tokyo.

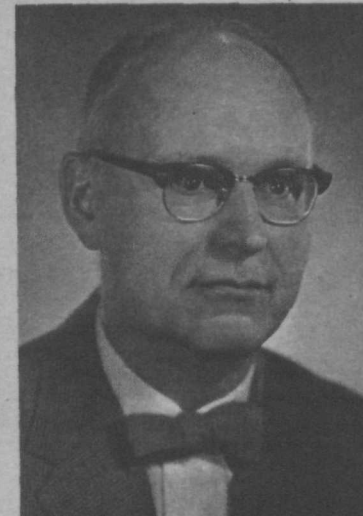
Gallagher is a member of the American Society of Civil Engineers, the American Institute of Aeronautics and Astronautics, the Society for Experimental Stress Analysis, the International Association for Bridge and Structural Engineering and Sigma Xi.

Dr. Fletcher McDowell has been appointed associate dean of Cornell University Medical College by the University Board of Trustees.

He will function as the executive member of the dean's staff, and will be responsible for all general administrative matters, including final approval of grants and contracts.

In addition, Dr. McDowell will serve as the dean's first deputy in administrative matters, and will have full authority to act during the dean's absence whenever it is urgent that action be taken.

A graduate of Dartmouth College, Dr. McDowell is an



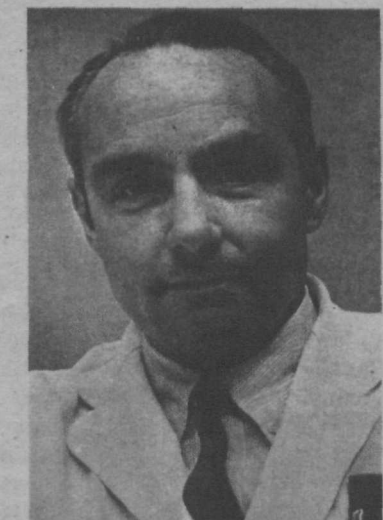
MALCOLM S. BURTON
Associate Dean of Engineering

Engineering, who has served as department chairman since 1948, who will be on sabbatic leave during the spring term.

The department has nine faculty members, and carries on a research program with annual expenditures exceeding \$200,000. It has provided leadership for the past several years in establishing codes for light weight steel structures.

Gallagher was employed for 17 years by the Civil Aeronautics Administration, Texaco Inc., and Bell Aerosystems Co., before joining the Cornell faculty. He is an expert on the subject of finite element analysis, a technique that can be employed to analyze the behavior of a broad range of physical systems, and has taught several courses on this subject in Cornell's continuing education program for engineers and scientists.

Gallagher holds bachelor and master of civil engineering degrees from New York University and his doctorate in structural engineering from the State University of New York at Buffalo. He is author of a text,



DR. FLETCHER MCDOWELL
Associate Dean of Medical College

alumnus of the Medical College, having received his M.D. degree from Cornell in 1947. He served his internship at The New York Hospital, and completed

Continued on Page 5

Bulletin of the Faculty

(Publication of this Bulletin is supervised by the Secretary of the University Faculty William T. Keeton, 304 Day Hall, 256-4843.)

University Committee on Financial Aid

Academic Year 1968-69

The University Committee on Financial Aid (UCFA) is charged with the responsibility for establishing policies which regulate the awarding of scholarships to undergraduate students and loans to undergraduate and graduate students at Cornell University. Policies set by the committee are implemented by the Office of Scholarships and Financial Aid under the direction of Gary A. Lee.

Financial Aid resources in this report include: Scholarships available to undergraduates from University endowed and appropriate accounts, from the colleges, from New York State and other states, from

corporations, from foundations, from high schools, PTA's, Rotary Clubs and other "outside" organizations; Student Loans from Cornell, from the National Defense Student Loan Program, from the New York State Higher Education Assistance Corporation and similar guaranteed loan programs in other states; Student Earnings from known part-time employment (10-15 hours per week) in the libraries, the laboratories, the dining halls, and the fraternities on campus. The typical award package combines a scholarship with a loan and/or a part-time campus job.

Table I: Compares our position in 1968-69 with the two previous years.

A. Scholarships (Undergraduate)	1966-67	1967-68	1968-69
1. University and other	3,457,000	3,924,171	3,330,880
2. New York State Awards			
a. Regents Scholarship		1,502,397	1,521,359
b. Scholar Incentive Awards		564,030	568,142
c. Children of Veterans		18,450	10,475
d. Total (NYS)	2,106,500	2,084,877	2,099,976
* 3. a. Pennsylvania Scholarship			117,915
b. New Jersey Scholarship			4,500
* 4. Other Agency Awards (Incl. ROTC)			957,530
5. Educational Opportunity Grants	49,500	95,880	106,005
6. Total	5,613,000	6,104,928	6,616,806
B. Loans (Undergraduate)	1,283,000	1,882,835	2,485,863
C. Employment (Undergraduate)			
1. Regular (Estimate)	852,950	1,034,118	1,100,000
2. CWSP	147,000	83,466	124,289
3. Total	999,950	1,117,654	1,224,289
D. Total	7,895,950	9,105,417	10,326,958

* The figures in A-3 and A-4 were not separated before 1968-69. In previous years these amounts were included in Item A-1.

Table II: Percentage of total scholarships by category.

A. University and other	1966-67	1967-68	1968-69
1. Agency accounts (Minus NYS)	10.5%	11.6%	16.3%
2. Endowments & Gifts	31.8%	28.0%	23.4%
3. Appropriated Funds	19.3%	24.7%	26.8%
B. New York State Awards	37.5%	34.2%	31.9%
C. Educational Opportunity Grants	.9%	1.5%	1.6%

University and Other Scholarships include: Agency awards where winners are selected by other than university or college committees (i.e. PTA's, National Merit, National Honor Society, etc.); interest from endowment and annual gifts; and unrestricted funds appropriated by the university budget.

Agency awards in 1968-69 exceeded \$1,000,000. Included in the agency account totals were 440 Army, Navy, and Air Force stipends totaling \$360,317. Awards from endowment and gift accounts totaled about 1.5 million dollars and expenditures from Appropriated funds were over 1.7 million.

Table III: The dollar value of loans extended to undergraduate and graduate students from known sources.

Account	Undergraduate		Graduate		Total	
	1967-68	1968-69	1967-68	1968-69	1967-68	1968-69
University						
a. Revolv.	78,320	152,090	64,045	57,107	142,365	209,197
b. End.	346,798	383,153	102,644	94,625	449,442	477,778
NDSL	333,430	336,950	114,196	92,100	447,626	429,050
State Loans	1,124,288	1,613,670	200,781	299,317	1,325,069	1,912,987
Total	1,882,836	2,485,863	481,667	543,149	2,364,502	3,029,001

Employment, although not under the direct jurisdiction of the UCFA, is included here to apprise the University community of this important facet in student financial aid. Efforts made to increase the availability of part-time jobs by bringing Cornell Student Agencies under the direction of the Office of Scholarships and Financial Aid were abandoned after careful analysis of the Student Agencies and its real potential in the financial aid office.

Freshman Aid Statistics For The Class of 1973

(Class of 1972 figures in parentheses)

The Office of Scholarships and Financial Aid received a total of 7,311 (6,655) applications for financial assistance from students seeking admission to the Class of 1973. Of the 2,762 (2,649) aid candidates accepted for admission, 1,897 (1,638) were offered assistance; 117 (23) were incomplete applications; 292 (412) were determined to have no financial "need"; 107 (79) were honorary candidates who were not awarded our honorary scholarship; 48 (122) were granted honorary awards; and 301 (375) were denied aid.

The Financial Aid Office has worked to reduce, as much as possible, the number of applicants who have been admitted for study at Cornell, but for whom no aid is available

(admit-deny). However, rising costs generate more applications for assistance and university appropriations have not been able to keep up with this increased demand on our resources. To our knowledge, Cornell is the only Ivy League College which presently faces this category in its admission-financial aid program.

Total Aid Processed by the Office of Scholarships and Financial Aid

Financial assistance processed through the Office of Scholarships and Financial Aid totaled \$17,744,586.69 for the academic year 1968-69. This amount was up from the \$15,558,857.28 processed in 1967-68. Included in these figures are all undergraduate scholarships; graduate scholarships processed through the Financial Aid Office, undergraduate and graduate loans; and student employment controlled by the Financial Aid Office. These figures do not include graduate earnings from Teaching Assistantships, etc.

The Office of Scholarships and Financial Aid estimates its person to person student contact at 7,000 interviews for the academic year, 1968-69. This experience seems in accord with the apparent crush on financial aid resources

J. M. Elliot,
Chairman, University
Committee on Financial Aid

Cornell Research Grants Committee

Spring Awards Announcement, 1970

Applications for Cornell Research Grants Committee awards should be submitted before March 13, 1970 to Thomas R. Rogers, Secretary of the Committee, 123 Day Hall. Awards will be made at the Committee's semi-annual meeting to be held in early April. Applications received after March 13, cannot be considered at the April meeting.

All members of the humanities faculty are invited by Dean Alfred Kahn to submit their requests to the specially administered Humanities Faculty Research Grant Fund through his office.

The Committee awards are made each spring and fall and are of two general sorts:

A. Grants for Research Support

For clerical, or technical assistance, transportation for research, supplies, equipment, microfilming, payments to subjects. These awards cover portions of foreign transportation expense only in special circumstances. This type of grant is normally not made for the preparation of text books or instructional tools, for computer machine time, books, per diem or subsistence while on travel, transportation to professional meetings, Xeroxing, for projects which have a direct commercial value, for those readily supported from other sources or for studies which are part of an established or projected departmental research program. These grants range from \$200 to \$1,000.

B. Summer Research Awards (Normally considered at Spring Meeting)

Summer Research support in the form of fellowship awards to faculty members on nine-month appointments who propose to devote a substantial part of their summer to research. Grants of this sort have in the past been limited to a maximum of \$1,000, but it may be possible to honor applications for additional funds

for direct research project expense as noted in A above, up to a maximum of \$500.

Since funds available to the committee are limited, preference is given to applications of younger members of the faculty and to those from fields where other funds for research support are limited. A supporting statement from the chairman of the department in which the faculty member is located is required. Departmental or college as well as external sources should be explored in the first instance and the results should be discussed in the application to the Committee.

A very limited amount of money is available for support of the research of outstanding graduate students. Requests for this support should, however, be made by a faculty member. Normally the Chairman of the graduate student's Special Committee. The request should indicate explicitly the purposes for which the funds are needed (note that thesis typing or other clerical or technical assistance costs are not eligible for student support.) This type of request should be clearly labeled as "student research" to distinguish it from requests for faculty research support which may often, in its own right, involve student assistance. Requests for fellowship support should be sent to the Graduate School.

The total research support to a faculty member including student assistance to his own research will be limited to a maximum of \$1,500. The limit for individual student's own research is \$500. A faculty member's application on behalf of students will not adversely affect his own application.

For both the Cornell Research Grants and the Humanities Faculty Research Grants, Cornell anticipates that in most cases the awards, or substantial portions of them, will be tax free. Therefore, there will be no

Shaw Clarifies

Continued from Page 1

allow 'fuds' to drop the meal plan, in addition to a sum of \$13,000 "to maintain the dining room even if all the 'fuds' remain on the meal plan."

Seznec yesterday angrily denied that his statements were reported correctly and termed the article "wholly inaccurate."

Shaw explained that "we opened the Res Club dining room reluctantly."

"Subscription to the meal plan was a condition of residence there, agreed to by both the Six-Year Ph.D. Program staff and Housing and Dining," he said.

According to S. Russell Ryon, manager of dining services, Res Club residents pay \$247.50 per semester for a meal plan similar to the one that was in effect in women's dormitories in past years. That is, the meal ticket covers a full meal when used at the Res. Club, and has a cash value at any other dining facility on campus.

The Res Club serves only breakfast and dinner Monday through Friday, and therefore, lunch meal tickets may be used at other dining places.

Shaw said that the meal plan began to run into financial difficulty when the Residential Club wasn't used adequately, even though the Program had planned to have all students eat there.

In addition, a small group of 'fuds,' Shaw said, wanted to be released from the plan because they had joined fraternities or because they didn't like the food and service at the Residential Club.

At present, Ryon said, the dining room serves some 35 dinners and 30 breakfasts per day, instead of the planned 70.

Both Shaw and Seznec said that negotiations between the two offices had been in progress.

While closing the Res Club dining room entirely and allowing the students to eat anywhere would be the best financial solution to the problem, Shaw said, the Program staff has a commitment to the staff and faculty living at the Res Club to provide a dining facility and it wants to derive the educational benefits from having the students and staff eating together.

"The problem is soluble," Seznec said. "We've had long and involved meetings with all sides."

Statler Cafe Opens

As a special service to members, the Statler Club's latest innovation, The Weekend Cafe, operates from 9 p.m. to 1 a.m. on Friday and Saturday.

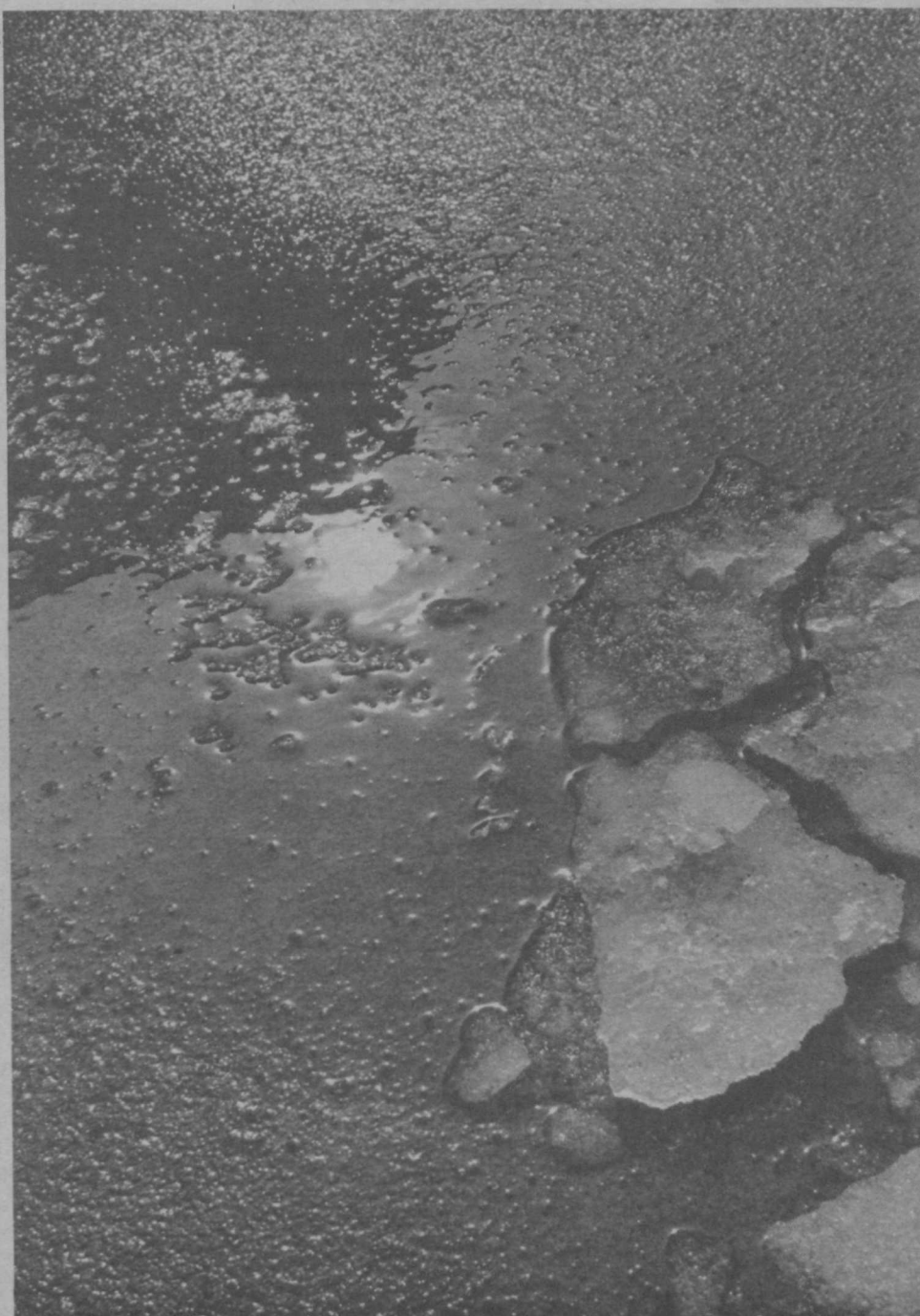
The cafe is located just off the Rathskeller and offers speciality foods, bar service and recorded music for dancing and listening.

tax withholding. Ultimately, of course, the decision on taxability rests with the Internal Revenue Service (IRS) and the responsibility for presentation of the particular circumstances of each case to IRS will rest with the grantee. Thomas R. Rogers

Committee Secretary

If Winter . . . Can Spring . . .

There is a possibility that spring may come to Ithaca. For a while this week spring even looked imminent. There was melting and mud, reflections of beauty, and, in the primordial ooze, vestiges of warm weather past. And, then it snowed again.



The Arts This Week

Feb. 26 — Poetry Reading
Prose — Cornell Writers, 4 p.m.
Temple of Zeus.

Feb. 27, 28 — Alain Resnais'
La Guerre Est Finie, with Yves
Montand and Ingrid Thulin. 7
and 9:15 p.m. Statler
Auditorium. \$1.

March 1 — Donald Paterson,
organ. 4 p.m. Sage Chapel.

—Max Ophuls' *La Ronde*, with
Jean-Louis Barrault, Simone
Signoret and Danielle Darrieux.
7 and 9:15 p.m. Statler
Auditorium. \$1.

March 3 — Joseph Losey Film
Series: *King and Country*, with
Dirk Bogarde and Tim Courtenay.
7 and 9:15 p.m. Goldwin Smith
D. 90 cents or subscription
ticket.

—Sidney Harth, violin. 8:15
p.m. Statler Auditorium
(Chamber Music Series).

March 4 — Luis Bunuel Film
Series: *Los Olvidados (The
Young and the Damned)*, with
Estela Inda and Roberto Cobo. 7
and 9:15 p.m. Goldwin Smith D.
90 cents or subscription ticket.

Ongoing — *Paintings and
Graphics of the German*

Expressionist Movement Brucke,
White Museum of Art, until
March 22.

Chronicles For Your Conference?

Those individuals at
Cornell who are planning
or coordinating
conferences or other
gatherings of people from
off-campus might like to
avail themselves of a new
Cornell Chronicle service.

Copies of the Chronicle
published nearest the date
or dates of the conference
can be made available
for distribution to
conference participants.

If you would like Cornell
Chronicle made available
to participants in your
conference, simply call
Mrs. Blanche Solomon in
the Chronicle editorial
office, 110 Day Hall, 6
4666.

Deadline for ordering
Conference Chronicles is
Monday noon prior to the
Thursday of publication.

Appointments: Gallagher, Johnson

Continued from Page 3

residency work at Stanford
University Hospital and at The
New York Hospital. He did
advanced fellowship work in
Neurology at the National
Hospital, Queen Square, London.

Dr. McDowell is currently
professor of neurology at the
Medical College, and attending
physician at The New York
Hospital. He has done extensive
research in the treatment of
Parkinson's Disease with
levodopa, and is also engaged in
a study of factors which increase
the possibility of stroke in
patients suffering from arthritis
and diabetes. Dr. McDowell will
continue to devote more than
half his time to his research
projects.

Medical societies in which Dr.
McDowell holds membership
include the American Federation
for Clinical Research, the
American Academy of
Neurology, the New York
Neurological Society, the
American Neurological
Association, the New York
Academy of Science, the
American Association for the
Advancement of Science, and
the Harvey Society.

Dr. McDowell is married, and
lives with his wife and three
children in New York City.

Herbert H. Johnson, professor
of materials science and
engineering at Cornell University
since 1960, has been named
acting director of the Department
of Materials Science and
Engineering. Walter S. Owen,
former director of the
department, was named dean of
the Technological Institute at
Northwestern University earlier
this month.

Johnson's research interests
center on dislocation mechanics,
gases in metals, cyclic
deformation, and environment
and fracture. His department
consists of fourteen faculty
members and about seventy
students, both undergraduate
and graduate. Its research
program is extensive, currently
costing about \$1,000,000
annually.

Before coming to Cornell,
Johnson was a member of the
metallurgy faculty at Lehigh
University. He holds a bachelor's
degree in physics and a master's
and a doctorate in metallurgy, all
from Case Institute of
Technology (now Case Western

Reserve University).

Johnson is a member of the
American Society for Metals, the
American Institute of Mining,
Metallurgical and Petroleum
Engineers and the American
Physical Society.

Norman Kretzmann, professor
of philosophy, has been elected
chairman of the Cornell
University Department of
Philosophy for a term of five
years effective July 1, 1970.

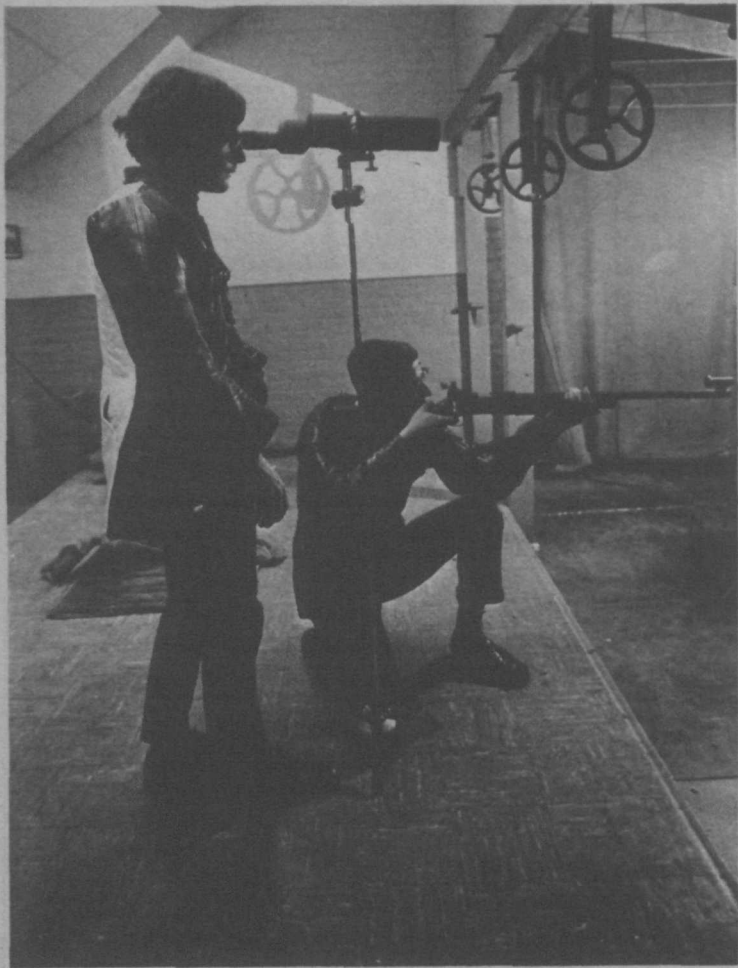
Kretzmann is currently on leave
as a visiting fellow at Balliol
College, Oxford, England. He
holds a Guggenheim Fellowship
and a National Endowment for
the Humanities Fellowship.

A specialist in the history of
medieval philosophy and logic
and the philosophy of language,
he received his doctor of
philosophy degree from Johns
Hopkins University and his
bachelor of arts degree from
Valparaiso University.

He joined the Cornell faculty as
associate professor in 1966. In
1968 he became a professor and
during the 1968-69 year served
as acting chairman of the
department.

During his current sabbatic
Continued on Page 7

On The Firing Line



READY, AIM . . . — Cornell rifle team manager Brian Donnelly '71, left, and team captain Michael Turell '70, right, practice in the Barton Hall rifle range. The riflemen last week won their fourth straight Ivy League Rifle Championship, outshooting Penn, Columbia, Dartmouth and Princeton (Yale, Brown and Harvard didn't compete), in a challenge match. In single matches in the New York State Intercollegiate Rifle League, the Big Red has a 6-4 record for the season.

Ivy League Presidents Vote Against Ivy NIT Participation

The Ivy League Presidents' Group has voted not to permit member institutions to make their own decisions regarding participation in the National Invitation Tournament (NIT).

Cornell President Dale R. Corson, as chairman of the Ivy Presidents' group, announced the NIT position earlier this week.

"In essence," Corson said, "this is consistent with the decision reached last December when we voted not to sanction the NIT for post-season competition."

The NIT, a basketball tournament, is held annually in Madison Square Garden in New York City.

It has been Ivy League policy to prohibit its basketball teams from entering the NIT, allowing only the league winner to go on to the National Collegiate Athletic Association (NCAA) championship playoffs.

Patte: Rules On Trampoline

Rules for the use of the Teagle Hall trampoline have been clarified by George D. Patte, director of men's physical education, in response to student queries.

Any undergraduate or graduate student, as well as faculty and staff, may use the trampoline by making individual arrangements with the gymnastic team. The squad works out from 4:30 p.m. to 6 p.m. on weekdays.

Other than that, Patte said, persons can join the regular University physical education classes that periodically use the trampoline during the course of the day.

Patte explained that use of the trampoline must be supervised at all times, both for the user's and the University's safety.

The trampoline in the Teagle swimming pool, he said, is for swimming team divers only, who practice under the supervision of their coach at all times.

List of Vending Refund Stations

Vending machine refunds can be obtained from a number of refund stations on the campus. Cornell Chronicle today prints the list of refund stations as made available by the Office of the University Ombudsman.

Further queries about vending machine services should be referred to Wayne G. Prouty, dining management supervisor, or Daniel McCord, vending supervisor, both in the Department of Housing and Dining Services at 256-5343.

The refund stations are:

Baker Annex — B-8-R; North & South Balch — Office; Bard Hall — B-28; Barton Hall — Ground Floor Office; Cascadilla Hall — Office; Clark Hall — G-34-C; Day Hall — H&D Office; Clara Dickson — Office.

Donlon Hall — Office; Goldwin Smith Hall — Day Hall H&D Office; Hasbrouck Apt. — Office; Hollister Hall — Rm. 220; Hughes Hall — Office; I.L.R. School — Rm. 192; Law School — Hughes Hall Office; Lincoln Hall — Rm. 122.

Lynah Rink — Office; Malott Hall — Adm. Office; Martha Van — Cafeteria Office; McGraw Hall — Rm. 105; Moakley — Snack Bar; Morrill Hall — Rm. 106; Morrison Hall — B-47; Newman — Bowling Alley Office; Noyes Lodge — Office.

Olin Engineering — Call 6-5343; Olin Library — Main Office; Phillips — Rm. 222; Plant Science — Rm. 134A; Residential Club — Office; Riley Robb — Rm. 108; Risley Hall — Office; Roberts Hall — Post Office; Sage — Office.

Sage Hospital — Office; Sibley Hall — 209 W. Sibley; Statler Hall — Main Desk; Stocking Hall — Dairy Plant; Class of '17 — Class of '17 Laundry Office; U.H. No. 2 — Class of '17 Laundry Office; U.H. No. 3 — Class of '17 Laundry Office; U.H. No. 4 — Class of '17 Laundry Office; Class of '25 — Class of '17 Laundry Office.

Sperry Hall — Class of '17 Laundry Office; Baker Dorm Area — Class of '17 Laundry Office; Upson Hall — Rm. 110; Veterinary College — Adm. Office; Warren Hall — Rm. 134; Willard Straight — Dining Office.

Protect Your Toes and Feet

The Division of Safety and Security has made arrangements to assist employees who need safety shoes for toe and foot protection to obtain them.

The University, as in the past, will contribute five dollars toward the cost of the shoes, according to Eugene J. Dymek, director of the Division of Safety and Security.

Dymek said that due to the unavailability of quality shoes of this type in the Ithaca area, representatives of the Hy-Test Safety Shoe Company will visit the campus in a mobile shoe store to allow employees to purchase shoes.

Complaints Received by the Office of the Ombudsman, September 15, 1969 to January 30, 1970.

The following tables show the source and classification of complaints received by the Office of the University Ombudsman since it was established in September.

Source of Complaints		
	Complaints	Inquiries
Faculty	16	7
Administration	4	4
Employees (non-exempt)	15	8
Outside Cornell	2	3
Alumni	3	3
Parents of Students	1	
Faculty Families	1	1
Students		
Undergraduate	65	19
Graduate	27	7

Classification of Complaints by Subject		
	Complaints	Inquiries
Academic Integrity		2
Buildings and Properties		12
Campus Store		1
Chimes		2
Clinic		6
Counseling		3
Courses		12
Credit Union		1
Extramural		3
Faculty Tenure		3
Fees and Fines		4
Financial Aids		6
Fiscal Policies		1
Grades and Grading		5
Housing and Dining		16
Human Rights		6
Judicial Procedure		2
Insurance		4
Leaves		4
Legal Aid		1
Library		3
Parking and Traffic Control		13
Payroll		3
Personnel		14
Dismissals	6	
Employment	8	
Pollution		2
Publications		1
Physical Education		16
Safety Division		3
Scheduling		2
Student Conduct		4
Student Services		5
Teaching Assistants		6
Transfers		6
Miscellaneous		9

Source of Complaints by College or Agency		
	Complaints	Inquiries
Administration		4
Alumni		6
Agriculture		27
Architecture		3
Arts and Sciences		49
Buildings and Properties		3
Business and Public Administration		6
CURW		1
Engineering		15
Graduate School		27
Hotel		1
Human Ecology		9
Industrial and Labor Relations		15
Law		3
Library		3
Museum		1
Outside		8
Physical Education		3
Statler Inn		1
Unclassified Students and Extramural		4
Veterinary College		2
Willard Straight		1

O'Brien Succeeds

Continued from Page 1

and Behavior. O'Brien was a professor of entomology in the New York State College of Agriculture at Cornell. He was chairman of the College's Department of Biochemistry in 1964-65.

O'Brien, 40, has written more than 100 scientific papers on topics relating to chemistry, biochemistry and the physiology of compounds which act on the nervous system. He has written three books and edited one; all dealing with the biochemistry of toxic agents.

He received a bachelor of science degree in 1950 at the University of Reading, England. He received a doctorate in chemistry in 1954 and a

bachelor's degree in general arts in 1956 from the University of Western Ontario (Canada).

Straight Scoop



The Department of University Unions announces the following event:

Art Exhibition and Sale, by Roten Galleries. Wednesday only, March 4. 11 a.m. to 5 p.m. and 6-9 p.m. Willard Straight Hall Art Room. Sale of prints.

'Most Immaculate Gardeners': Clark Hall Crystal Growing Facility

Each day at about 8 a.m., Cornell University's most immaculate gardeners take off their shoes, slip into special footwear and go to check their unusual crop — a glittering batch of crystals that grow in Clark Hall.

The shimmering crop won't do much for the world's food supply, but it does help feed the experiments of chemists, engineers and physicists at Cornell.

Clark Hall's crop of crystals is of the non-metallic variety used principally for low temperature experiments. Another batch of crystals — of the metallic type — are grown in two rooms in Bard Hall for use in a variety of experiments, including those involving high and low temperatures or high pressures.

Known simply as the Crystal Growing Facility, the Clark Hall operation is part of the Materials Science Center. It started from efforts by Robert L. Sproull, then professor of physics, to grow barium oxide crystals about 20 years ago. Sproull now is provost at the University of Rochester. The tiny operation has grown into one of the most sophisticated crystal growing facilities in the country, occupying several rooms in the Clark Hall basement.

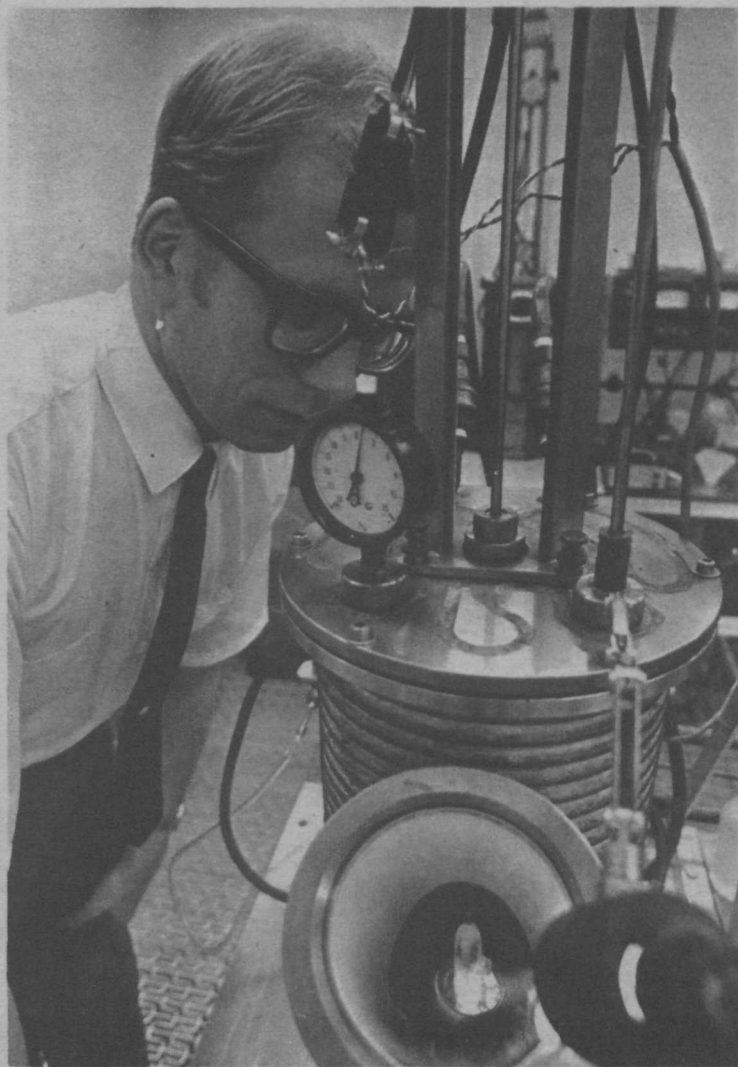
A crystal is a solid whose atoms are arranged with some degree of geometric regularity. This orderliness of any solid is called "crystallinity" and anything having crystallinity is a crystal. All solid metals, for example, are crystalline and so is common table salt.

Non-metallic crystals, such as those grown in Clark Hall, are used by materials scientists to study the physical properties of the crystalline substance. The newly-grown crystals give them pure samples with known atomic structure for use in their experiments.

Many centuries ago, people noticed that crystals grow. They jumped to the conclusion that they grow as animals do — by taking in food and assimilating it to their substances. Then somebody noticed that the crystals grow from the outside and their thinking had to be revised. On closer study, crystal growth was seen to be the deposition of atoms laid down individually so that they form a pattern that is repeated.

The three-man staff in Clark Hall produces high purity single crystals from a variety of materials. Crystals may be grown in solutions in a jar or they may be grown in a furnace using a technique called "seed pulling from the melt."

When crystals are grown in solution, the process is a relatively simple one which uses evaporation to create crystals. Any fragment of a solid, no matter how small, is a potential seed. In this method, one starts with a saturated solution and permits it to evaporate slowly. As



HOW DOES YOUR CRYSTAL GROW — Research technician Gerhard E. Schmidt observes crystal (lower foreground) grow in complex process taking place at Crystal Growing Facility in Clark Hall.

the water evaporates, the solution becomes supersaturated and the seed, which has been inserted into the jar, grows.

The second method is more complex. After all the needed apparatus has been baked to get rid of impurities and gases such as water vapor, a platinum container is filled with the solid from which a crystal growth is sought. The material and other items are placed in the container. The contents are placed into a special furnace and baked first under high vacuum and then melted in argon gas. A small piece of the substance which is being sought to grow is mounted on a stainless steel, water cooled rod which is lowered into the melt. The rod is rotated mechanically and pulled up at the rate of about one inch per hour. Crystals about six inches long and almost an inch in diameter may be grown in this way.

To minimize contamination, most of this work is done in

super-clean rooms which have temperature and humidity controls as well as filtered air. A special mat, which has the sticky quality of fly paper, is placed at the entrance of some rooms to remove dust and dirt from shoes. Visitors are given special cellophane boots to wear over their shoes. The rooms have their own air supplies.

Robert O. Pohl, professor of physics, is in charge of the crystal growing operation. Day-by-day operation of the facility is handled by Ross H. Plovnick, research manager, assisted by Santo J. Camobreco, laboratory technician, and Gerhard E. Schmidt, research technician.

A Traffic Warning

The Division of Safety and Security warns oncampus drivers against driving through the Stocking Hall parking lot at the intersection of Judd Falls and Tower Roads to avoid traffic at the intersection.

Such action is in direct violation of New York State Vehicle and Traffic Law No. 1225: "Avoiding Intersection Control Device".

The applicable section of the law reads: "No person shall drive across or upon a sidewalk, driveway, parking lot, or private property or otherwise drive off a roadway in order to avoid an intersection or traffic control device. Violators are subject to a uniform traffic ticket and may be subject to appearance in court."

Lecture Series Focuses On University's Future

A series of five lectures titled "The Future of the University" and given by such diverse thinkers on the subject as philosopher Sidney Hook and black educator Vincent Harding will take place at Cornell University March 10 through May 7.

The series, sponsored by the University Committee on Lectures was developed by an *ad hoc* committee of students and faculty, representing a variety of perspectives on the topic.

The series is scheduled as follows:

—"A People's University," by John McDermott, formerly assistant professor of humanities at Massachusetts Institute of Technology (MIT), now regional organizer for New University Conference, Tuesday, March 10, 8:15 p.m. in Martha Van Rensselaer Auditorium;

—"Current Challenges to Liberal Education," by Sidney Hook, professor of philosophy, New York University, Tuesday, March 24, 8:15 p.m. in Martha Van Rensselaer Auditorium;

—"Beyond Colonization: Black Studies and the Challenge to the University," by Vincent Harding, professor of history, director of the Martin Luther King Institute, Atlanta, Ga., Thursday, April 9, 4:30 p.m. in Room 120, Ives Hall;

—"Prometheus and the Professors," by William Arrowsmith, professor of classics, university professor in arts and letters, University of Texas at Austin, Wednesday, April 15, 8:15 p.m. in Martha Van Rensselaer Auditorium;

—"The Meaning of the Crisis in the French University," by Michel Crozier, professor of sociology, Nanterre, France, and visiting professor at Harvard University, Thursday, May 7, 4:30 p.m. in Room 120, Ives Hall.

The idea for the series is an outgrowth of the events of last Spring which brought into focus the very substantial question of the evolving role of the University in society.

The *ad hoc* committee was formed, according to George Winter, Class of 1912 Professor of Engineering and chairman of the Committee on University Lectures, because "the committee did not feel sufficiently knowledgeable in this area to make it's own selection of speakers and thought that the best mechanism for this purpose would be an outside *ad hoc* committee of four professors and three students."

The members of the committee are Miss Danielle Lanier, Arts '71; Stephen V. Arbogast, Arts '70; John Thomas Marchitto, English '70; Ian R. Macneil, professor of law; James H. Matlack, assistant professor of English; Richard I. Hofferbert, associate professor of government and Marshall W.

Meyer, associate professor of industrial and labor relations and sociology. Meyer, chairman of the committee, said "it's members were selected for their diversity of viewpoints on the subject of the series."

Appointments:

Continued from Page 5

leave he is working on the philosophy of language and logic in the middle ages. He has just completed his portion of the forthcoming British Academy edition and translation of the "Logica magna" of Paul of Venice.

Kretzmann has also read papers at the University of Manchester, Oxford University and Cambridge University during his current sabbatic leave. In April, he will read papers and conduct a colloquium in Holland.

Kretzmann is co-author of "William Ockham: Predestination, God's Foreknowledge and Future Contingents," published by Appleton-Century-Crofts, 1969. He also was co-editor of "The Synthese Historical Library," a series of volumes in the history of logic and philosophy, published by Reidel in Holland.

At Cornell, Kretzmann served on the Hull publications committee, 1967-69; the Messenger prize essay committee, 1967-69; and the academic records committee of the College of Arts and Sciences, 1967-69.

Malcolm S. Burton, professor of materials science and engineering at Cornell University, will serve as associate dean of the College of Engineering in place of Edmund T. Cranch until next September.

Cranch, who is also professor of theoretical and applied mechanics, is taking a leave of absence from his administrative duties to complete work on a text in the area of applied mathematics.

Burton has been a member of the College of Engineering faculty since 1946. He served as chairman of the College's policy committee during the academic year 1968-69 and is assistant director of the Department of Materials Science and Engineering. Before joining the Cornell faculty, he taught at the Massachusetts Institute of Technology (MIT) where he was a member of the Department of Metallurgy. He has a bachelor's degree in mechanical engineering from Worcester Polytechnic Institute and a master's degree in metallurgy from MIT.

During sabbatical leaves, Burton has served as a research metallurgist for the Cornell Aeronautical Laboratory (CAL) in Buffalo and for the E.I. du Pont de Nemours and Co. Inc. in Aiken, S.C.

He is author of the text "Applied Metallurgy for Engineers" and many papers on materials engineering.

Sage Notes

The Graduate School has recently acquired a suggestion box which has been placed just beyond the reception desk. Anyone having suggestions as to how to improve the administration, educational processes, or other aspects of graduate education are urged to unburden themselves by use of this box.

Calendar

February 26-March 4

Thursday, February 26

4:30 p.m. Materials Science Colloquium. "Nature of the Glass State." D. Turnbull, professor, Harvard University. Bard 140.

8 p.m. Symposium. "Academic Freedom: Myth or Reality?" L. Pearce Williams, chairman of the Department of History and professor of history of science; and George McT. Kahin, Aaron L. Binenkorb Professor of International Studies in the Department of Government, director of the Southeast Asia Program, and director of the Modern Indonesia Project in the Department of Asian Studies. Interfraternity Council, sponsor. Third-floor Lounge, Noyes Student Center.

8 p.m. Film. *Genesis II*. Fine Arts Committee of Willard Straight Hall, sponsor. Memorial Room, Willard Straight Hall.

8:30-10 p.m. Tape Collage. Several short musical collages on tape, prepared by Cornellian Will Parker. Sponsored by and held in The Commons, Anabel Taylor Hall.

Friday, February 27

4 p.m. Lecture Series. Perspectives on Poverty. Solutions to Welfare. "From the Perspective of a Social Scientist." Harold Watts, professor and director of the Program on Poverty Research, University of Wisconsin. Interdepartmental Research Group on Poverty, College of Human Ecology, sponsor. Ives 110.

4 p.m. Colloquium. "The Effects of Human Crowding." Jonathan L. Freedman, Department of Psychology, Columbia University. Interdepartmental Program in Social Psychology and Personality, sponsor. Ives 215.

6:30 and 8 p.m. •Wrestling. Varsity and Freshmen vs. Columbia. Barton Hall.

7 p.m. •Freshman Hockey. St. Lawrence. Lynah Rink.

7 and 9:15 p.m. •Cornell University Cinema. Alain Resnais's *La Guerre Est Finie*, with Yves Montand and Ingrid Thulin. Statler Auditorium.

7 and 9:15 p.m. •Film. *The Heart Is a Lonely Hunter*, with Alan Arkin. Cornell Cinema Society, sponsor. (Attendance limited to Cornell community.) Ives 120.

7 and 9:30 p.m. •Film. *Genesis II* (see Feb. 26). Memorial Room, Willard Straight Hall.

8 p.m. Lecture. "Radicalism and Its Alternatives." The Honorable Allard K. Lowenstein, member of the United States Congress. Interfraternity Council, sponsor. Auditorium, Anabel Taylor Hall.

Saturday, February 28

2 p.m. Fencing. Freshmen and Varsity vs. Harvard. Teagle Hall.

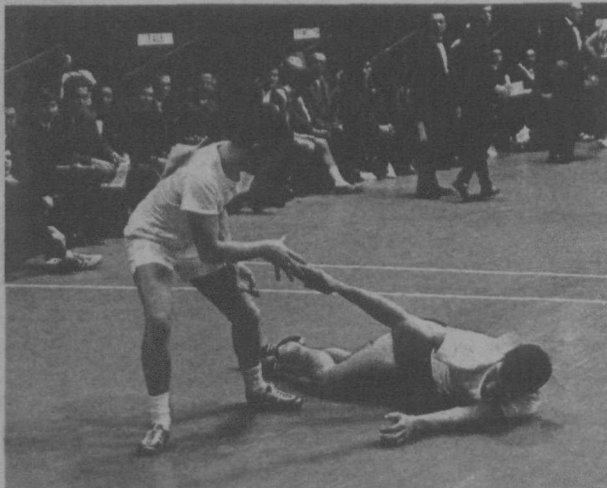
2 and 5 p.m. •Hockey. Varsity vs. Pennsylvania (2 p.m.) Freshmen vs. Princeton (5 p.m.) Lynah Rink.

2 p.m. Varsity Squash. Pennsylvania. Grumman Courts.

2 and 4:30 p.m. •Swimming. Varsity vs. Dartmouth (2 p.m.); Freshmen vs. Oneonta (4:30 p.m.). Teagle Pool.

2 p.m. Freshman Wrestling. Oswego State. Wrestling Room, Teagle Hall.

4:30-8 p.m. •Steaks Unlimited (complete steak dinner). Project of the School of Hotel Administration, sponsor. Statler Cafeteria.



5-8 p.m. •*The House of Beef*. Project of the School of Hotel Administration, sponsor. Main Dining Room, Risley Hall.

7 and 9:15 p.m. •Film. *The Heart Is a Lonely Hunter* (see Feb. 27). Ives 120.

7 and 9:15 p.m. •Cornell University Cinema. *La Guerre Est Finie* (See Feb. 27). Statler Auditorium.

7 and 9:30 p.m. •Film. *Genesis II*. (see Feb. 26). Memorial Room, Willard Straight Hall.

8 p.m. Twenty-Third Annual Heptagonal Track Meet.

Sunday, March 1

11 a.m. Sage Chapel Service, The Reverend Andrew J. Young, executive vice president, Southern Christian Leadership Conference, Atlanta, Ga.

4 p.m. Concert. French Music of the 17th and 18th Centuries. Donald Paterson, University organist. Sage Chapel.

7 and 9:15 p.m. •Cornell University Cinema. *La Ronde*, directed by Max Ophuls, with Jean-Louis Barrault, Simone Signoret and Danielle Darrieux. Statler Auditorium.

8-11 p.m. *Bound for Glory*. Live WVBR broadcast with Phil Shapiro. Special Guests: Bret Littlehales, Russ Barenberg and John Ellis. Sponsored by and held in the Commons, Anabel Taylor Hall.

8 p.m. •Concert. Indian Classical Dances and Music. Gopi Krishna and party. Cornell India Association, sponsor. Bailey Hall.

8:30 p.m. Lecture. "The Middle East and World War III." Jody Dillow, staff member, Campus Crusade for Christ. Campus Crusade for Christ, sponsor. Memorial Room, Willard Straight Hall.

Monday, March 2

4:30 p.m. Technology in Education Colloquium. "Computer Generated Motion Pictures in Quantum Mechanics and Relativity." Harry M. Schey, professor, Educational Research Center, Massachusetts Institute of Technology (MIT). Kimball B-11.

7 and 9 p.m. •Films. *The Flim-Flam Man* (at 7 p.m.) and *Two For the Road* (at 9 p.m.). Cornell Cinema Society, sponsor. (Attendance limited to Cornell community.) Ives 120.

7:45 p.m. Seminar (slides). "The Status of the Giant Pied-billed Grebe." Anne LaBastille, assistant professor of nature and conservation education. Laboratory of Ornithology, sponsor. Laboratory of Ornithology, 159 Sapsucker Woods Rd.

8 p.m. Lecture. "Off the Pigs." Peter Janssen, education editor, Newsweek, Interfraternity Council, sponsor. Memorial Room, Willard Straight Hall.

8:15 p.m. Lecture Series. *Biology and Society*. "Physiological Problems: The Biochemistry of Psychoses." Efraim Racker, Albert Einstein Professor of Biochemistry and chairman, Section on Biochemistry and Molecular Biology. Division of Biological Sciences. Statler Auditorium.

8:30 p.m. Poetry Reading and Film. Dan Berrigan, reading his own poetry; and a film by Doug Lavery. Sponsored by and held in The Commons, Anabel Taylor Hall.

Tuesday, March 3

7 and 9 p.m. •Films. *The Flim-Flam Man* and *Two For the Road* (see Mar. 2). Ives 120.

7 and 9:15 p.m. •Cornell University Cinema. Joseph Losey Film Series. *King and Country*, with Dirk Bogarde and Tom Courtenay. Goldwin Smith D.

8:15 p.m. •Concert. Chamber Music Series. Sidney Harth, violinist, with Brooks Smith at the piano. *Sonata in G Major*, Locatelli; *Sonata op. 24 in F Major (Spring)*, Beethoven; *Concerto in E Minor*, Couperin; *Sonata no. 1 op. 75 in D Minor*, Saint-Saens; *Pompeana no. 1 (1947)*, Ginastera. Statler Auditorium.

8:30 p.m. Lecture. Tharon McConnell, member of the staff of Vietnam Christian Service (VNCS) and United Methodist nurse. Sponsored by and held in The Commons, Anabel Taylor Hall.

Wednesday, March 4

4:30 and 6:30 p.m. •Swimming. Freshmen and Varsity vs. Colgate. Teagle Pool.

7 and 9:15 p.m. •Film. *Here We Go Round the Mulberry Bush*. Cornell Cinema Society, sponsor. (Attendance limited to Cornell community.) Ives 120.

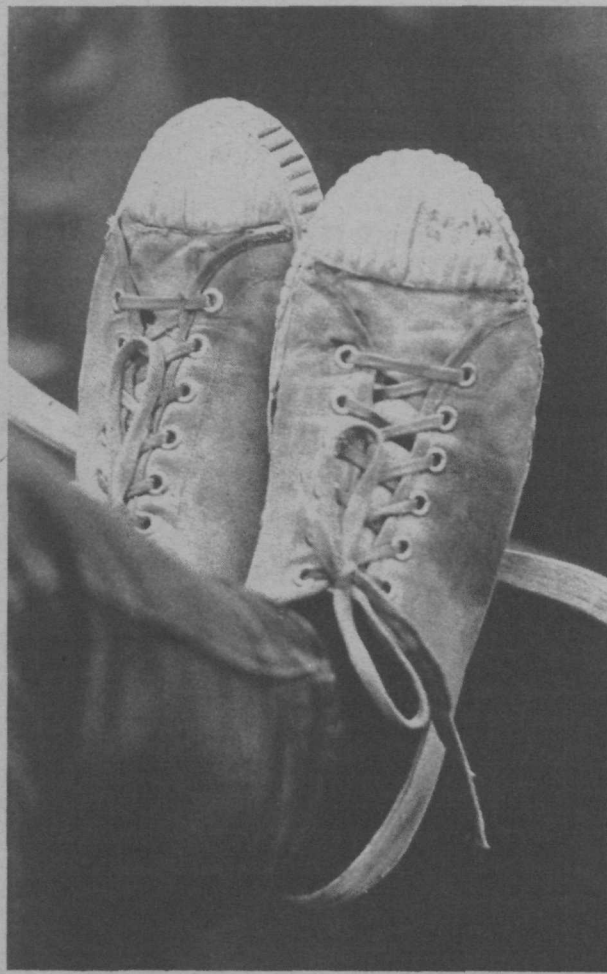
7 and 9:15 p.m. •Cornell University Cinema. Luis Bunuel Film Series. *Los Olvidados (The Young and the Damned)* directed by Luis Bunuel. Goldwin Smith D.

7:30 p.m. Lecture (illustrated). "The Exploration of Blue Springs Cave." Arthur N. Palmer, Department of Earth Science, State University College at Oneonta. Cornell Outing Club, sponsor. North Room, Willard Straight Hall.

8 p.m. •Varsity Hockey. Dartmouth. Lynah Rink.

Special Events

Interfraternity Council (IFC) Week. "The University and Society." February 26-March 7.



Exhibits

ANDREW DICKSON WHITE MUSEUM OF ART. *Paintings and Graphics of the German Expressionist Movement Brucke* (closes Mar. 22). Hours: Tues. through Sat., 11 a.m. - 5 p.m.; Sun., 1-5 p.m.; closed Mon.

JOHN M. OLIN LIBRARY. Rare Book Room, Gallery, and Lower Level. *Librarians as Book Collectors and Bookmen*. History of Science Collections: *Jacques Gautier d'Agoty, 1717-1785*.

URIS LIBRARY. *Vietnam: Art From the National Liberation Front*.

LAW LIBRARY. MYRON TAYLOR HALL. *Exhibit of Works on Abraham Lincoln*.

McGRAW HALL. Department of Geological Sciences (first floor, center hall). *Fossils: Edible and Unusual Mollusks; Mineral Deposits: Ore Minerals for Ferroalloy Metals; Interglacial Deposits along Cayuga Lake*. (Room 130) Special Exhibit from the United States Geological Survey: *The Alaskan Earthquake, March 1964—Effects of Waves and Land-Level Changes; Geologic Investigations for Tunnel through the Rocky Mountains* (closes Mar. 29).

GOLDWIN SMITH GALLERY. *Drawings by Mariam Child* (Mar. 2-18).

ART ROOM, WILLARD STRAIGHT HALL. Wed. Mar. 4, 11 a.m. - 5 p.m. and 6-9 p.m. Exhibition and sale by Roten Galleries. Prints and graphics for sale.

Cornell University Press

Indonesian Political Thinking, 1945-1965, by Herbert Feith and Lance Castles (Feb. 2).

PAPERBACK EDITIONS:

Liberia: The Evolution of Privilege, by J. Gus Liebenow (Mar. 27).

The Forest of Symbols, by Victor Turner (Mar. 27).

The "New Science" of Giambattista Vico, by Thomas Bergin and Max Fisch. (Mar. 27).

The Economics of Agricultural Development, by John Mellor (Mar. 27).

The Legal Mind in America, by Perry Miller (Mar. 27).

Society, Manners, and Politics in the United States, by Michael Chevalier (Mar. 27).

Margaret Fuller: American Romantic, by Perry Miller (Mar. 27).

•Admission charged.

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

The Cornell Chronicle Calendar is jointly prepared by the Office of the Secretary of the University, 312 Day Hall, and the Office of Public Information, 110 Day Hall.