



# CORNELL CHRONICLE

Vol. 6 No. 16

Thursday, December 12, 1974

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*Joy!*

## Summary Journal Notes Actions

## Trustee Committee Meets

For the meeting of the Executive Committee of the Board of Trustees of Cornell University held Dec. 10, 1974 in New York City

*NOTE: This summary journal, as released for publication, does not include confidential items which came before the meeting.*

1. The minutes of the Executive Committee meeting held Nov. 12, 1974, were approved.

2. University President Dale R. Corson reported on the status of the 1974-75 University budget. In his report, the president detailed measures being implemented to help meet 1974-75 budgetary targets including a restriction on hiring, a partial shutdown of University operations, and restrictions on travel.

3. The president reviewed for the Executive Committee the status of preparation of the 1975-76 budget for the endowed colleges in Ithaca and the Medical College. He reported on discussions with various campus groups with respect to University finances and budgetary problems. The president said the 1975-76 budget, which will be presented to the board in January, is still in preparation. The means of achieving approximately a \$2.5 million reduction in program and staffing costs are continuing to be explored; a 10 per cent tuition increase still seems necessary, as do salary increases at less than the rate of inflation. A plan for long-term expense reduction will be presented to the board in January. The trustee ad hoc committee on capital financing will also report. Executive Committee Chairman Charles T. Stewart reported on the open budget meeting held on campus Dec. 4. Trustees questioned whether such meetings resulted in a meaningful exchange of views. They discussed ways in which responsible communication could be improved between trustees and students.

4. The president reported that the 1974-75 budget estimate of lapses in salary funds has already been exceeded by some \$36,000 and he recommended that this amount be transferred from

salaries to the General Contingency Fund. He said that if left in salary accounts, the funds would be lapsed. However, transfer to the General Contingency Fund would allow use of these monies to meet uncontrollable increases in the costs of operation. The Executive Committee approved the transfer.

5. The Executive Committee authorized the president to determine the source of funding for architectural and engineering studies for the student apartment project planned for the old Country Club site, and asked him to make a recommendation to the Executive Committee. (The student housing project on the old Country Club site is being held in abeyance. The Trustees in September tabled the project for the present and told the University administration to continue to study the student housing problem in relation to the University's other priorities with further recommendations to be presented to the trustees when appropriate.)

6. The president recommended that the University administration be authorized to negotiate financing with the New York State Dormitory Authority based on the issuance of Dormitory Authority bonds. Specifically, the president requested authority to negotiate two separate financing packages, one for Lasdon House at the Medical College, and the other for construction and renovation projects on the Ithaca campus. He also recommended that the University administration be authorized to provide partial funding for purchase of the IBM 370/168 computer and disk storage peripheral equipment through a State Dormitory Authority loan. He made a further recommendation concerning the posting of security for this loan. The Executive Committee approved the presidential recommendations and granted the necessary authority. The Executive Committee authorized the administration to negotiate with architectural firms, to prepare working drawings for the renovation of three floors of Building S of the Medical College for the Cornell

University School of Nursing, with funding to come from the Medical College.

7. The president recommended a series of personnel actions which received Executive Committee approval.

8. The Executive Committee elected individuals, upon the president's recommendation, to the advisory council of the College of Architecture, Art and Planning.

9. The proceedings of the meeting of the Joint Administrative Board of the New York Hospital-Cornell Medical Center for Nov. 14, 1974, were presented.

10. A report of construction grants awarded during the period Oct. 4, 1974, through Nov. 11, 1974, was presented.

11. The Executive Committee received the minutes of the Buildings and Properties Committee meeting held Nov. 12, 1974, and heard the report of the committee from its chairman, Trustee Bruce Widger.

12. The Executive Committee approved three recommendations made by the president concerning campus utilities. It also approved financing recommendations for the three projects. The first project is design development for improvements to the University's potable water system which will include replacement of valves, a reservoir roof, pumps, a section of roof and the heating system at the main potable water plant. The second recommendation was for authorization to proceed with design of a new electric system substation to serve expanded electrical requirements on the main campus. The president reported that this recommendation grew out of the Gilbert Associates-developed master electrical distribution expansion master plan. He said the pattern of growth in overall electric demand indicates that a new substation must be on line by 1977 in spite of an aggressive program and major accomplishments in the energy conservation program. The third recommendation, as approved, granted authorization for the University administration to proceed with a project to provide a new 2,400-volt source of power for the East Campus area to relieve a serious overload at the State Veterinary College and to provide sufficient power for the proposed Diagnostic Laboratory.

13. The Executive Committee approved the sale of 1.68 acres of University land in Etna to a private individual.

14. The president recommended that the University Treasurer and Chief Fiscal Officer, Arthur H. Peterson, be authorized to vote the University's stock in Cornell University Press, Ltd., to elect directors of the corporation. The Executive Committee so authorized.

## Engineering Awards To Minority Students

Ten minority-group students are the first recipients of awards for commendable scholastic achievement established this year by the College of Engineering. The \$200 awards, named in honor of Meredith C. Gourdine, a Cornell engineering alumnus, member of the Engineering College Council, and former university trustee, will be made annually.

The award winners are: Ray Bass, senior from Jamaica, New York; Wilbur Carmon, sophomore from Washington, North Carolina; Charles Chuang, junior from Kingston, New York; Undrey Clay, senior from St. Louis, Missouri; Kenneth Jackson, sophomore from Dayton, Ohio; Albert Petersen, junior from Mount Kisco, New York; Paletetisa Roach, senior from Uniondale, New York; Manuel Rosenfeld, junior from Brooklyn, New York; Denise Williams, sophomore from East St. Louis, Illinois; and Karl Wittig, junior from New York City.

The basis for selection of award winners, according to Edmund T. Cranch, dean of the College of Engineering, is outstanding academic performance or improvement, or unusual diligence in class work.

"The Gourdine award is in-

tended to recognize outstanding representatives of our students from minority groups of society, and to help motivate their classmates toward similar achievement," Cranch said.

"We are pleased also to recognize in this way the great contributions that 'Flash' Gourdine has made to the university through his service as a trustee and Engineering College council member, and in particular his presence on the Cornell scene as a source of pride and incentive to engineering students from minority groups."

LaVoy Spooner, director of engineering minority programs, was responsible for initiating the award and supervising the selection of the students to be honored.

Gourdine is currently president of Energy Innovations, Inc., a company he founded in East Orange, N.J. He was graduated from Cornell in 1953 with a major in engineering physics, and subsequently earned a Ph.D. degree at the California Institute of Technology. As an undergraduate, Gourdine not only had an excellent academic record, but was a star athlete on the track team and won a silver medal in the long jump at the Olympic Games of 1952.

## More Food Science Scholarships Created

With the rapidly growing popularity of convenience foods, there is increased demand for people with food science training and for technically trained food scientists.

To meet the needs of industry, government, and private institutions the Institute of Food Science and Marketing at the New York State College of Agriculture and Life Sciences is making an effort to increase the number of scholarships available to undergraduates.

To attract more students to the food field, a special finance committee has been formed by the Institute's Advisory Council with undergraduate scholarships its main function. The Advisory Council is made up of representatives of the food science and marketing industry, service, government and education.

Only two scholarships have been available specifically for students in food science at the college, although the number of undergraduate students majoring in this field has increased four-fold in the last four years.

Peter Wood, president of Bush, Boake & Allen, Inc. is chairman of the finance committee. Serving with him are: Professor Robert Baker, director of the Institute at the College; Robert Colmey of I.T.T. Continental Baking Co.; Laing E. Kennedy, assistant to the dean of the college; Sidney

Schwartz of Leonard Rapaport Co.; and Robert Shafer of the Association of Ice Cream Manufacturers of New York and New Jersey.

Since September, 11 new scholarships of \$500 each have been established. Donating one scholarship each are: A.M. Axelrod and Son, Inc., Paterson, N.J.; Crowley's Milk Company, Binghamton; Cuba Cheese Company, Cuba; Genesee Brewery Inc., Rochester; and Sugarlo Company, Atlantic City, N.J.

The Eastern Dairy Deli Association has donated two and the Eastern Frosted Foods Association has donated four.

Since food science is relatively new, many people think it is just "recipe-making and cookery," Baker, the Institute director, said. "Actually, it is the chemistry, microbiology and processing of food and food constituents."

Baker said food science applies the principles of science, engineering, and economics to the processing, formulation, synthesis, and marketing of food. "It aims to produce and market better food more efficiently," he explained.

## Sage Notes

Continuing graduate students may pick up registration material at the Straight Memorial Room on Jan. 21, 22, or 23 between 8 a.m. and 4 p.m. and on Jan. 24 from 8 a.m. to 3 p.m. Registration for continuing students is in Barton Hall on Friday, Jan. 24 from 8 a.m. to noon and from 2 p.m. to 4 p.m. Please register at the times indicated in your packet.

Graduate students who are completing their theses are reminded that Jan. 10 is the deadline for filing theses in the Graduate School for receipt of a January degree. There will be no extension of this deadline. Students who are completing Master's theses are reminded of the requirements for inclusion of an abstract immediately after the title page. Additional information on this and other thesis details may be obtained from the Graduate School.

Application forms for Cornell Fellowships are now available in 116 Sage Graduate Center. The deadline for submission of all forms (including recommendations) to Graduate Faculty Representatives is Feb. 3. The stipends for all regular Cornell Fellowships next year will be \$2600; there will be no dependency allowances and no special senior Cornell graduate fellowships.

## Last 1974 Issue Today

This is the final edition of Chronicle before the intersession break. Publication will resume with the issue of Jan. 23, 1975.

## Corson Details Program to Trustees

# Expenditure Reductions Announced

A major expenditure reduction program at Cornell involving a partial shutdown during intersession, increased energy conservation measures, shelving of construction and building rehabilitation projects, curtailing of nonacademic hiring for the remainder of the fiscal year, and tighter academic hiring procedures was announced to the University Board of Trustees Tuesday (Dec. 10) by President Dale R. Corson.

In presenting the expenditure reductions to the Trustee Executive Committee at its meeting in New York City, Corson said that, in both the 1974-75 expenditure reduction program and in 1975-76 budget planning, "first priority has to be given to maintaining the academic strength of the University." He said a major effort to establish University priorities for the next three years will be initiated in January 1975.

Corson said the reduction program is aimed at yielding some \$300,000 to \$500,000 in savings in the current fiscal year. He said the reductions "were essential in order to hold the invasion of capital funds in the 1974-75 fiscal year to acceptable levels."

Here are the particulars of the expenditure reduction program as announced by Corson:

—Partial Shutdown During Intersession. During the period from Dec. 21, 1974, through Jan. 23, 1975, all buildings in the endowed and statutory units will be open for general use only during the hours from 8 a.m. to 5 p.m. Monday through Friday. Heat in buildings will be reduced after 5 p.m. This will not be possible in older buildings because of limited heat

control capabilities. Occupants are asked to keep all blinds and curtains closed when rooms are not in use to conserve heat. The only activities which will be excepted from this procedure are those requiring continuous attention or those for which authorized variations are sanctioned. Buildings will be completely closed, except for emergency service, on Dec. 24, 25, 26 and Jan. 1. The partial shutdown will necessarily result in adjusted work schedules and personnel are requested to check with their supervisors concerning these adjustments. During Intersession, all custodians will work a single shift, from 7 a.m. to 3:30 p.m.

—Energy Conservation in Use of Facilities. After Jan. 23, 1975, such facilities as University libraries, athletic facilities, University Union buildings and classrooms will not be lighted after 11 p.m. except where necessary for ongoing research, maintenance operations, and previously scheduled public events. Where feasible, heating will be reduced during the night and ventilating systems will be closed down.

—Building Construction and Repair. No new construction or major building rehabilitation projects will be initiated during the next six months except those directly related to energy conservation or emergency maintenance of the physical plant. With the exception of two projects already financed — the Fine Arts Library and the addition to Malott Hall — those now in the planning stage will be placed on the shelf until major academic and nonacademic priorities have been determined.

—Academic Hiring in En-

dowed Divisions. Academic positions will be filled or lapsed in accordance with budget plans for 1974-75 and 1975-76 as recently developed by the deans of the schools and colleges and approved by the University provost. For 1974-75, plans provide for holding a substantial number of salary lines vacant for the remainder of the academic year.

—Nonacademic Hiring in the Endowed Divisions. For the remainder of the fiscal year, hiring of nonacademic personnel on general purpose funds in both professional and non-professional positions will be curtailed. Effective Dec. 15, a special committee will be appointed by Corson to review all currently vacant exempt positions (those exempt from provisions of the Federal Wage and Hour Law) to determine which may be filled to maintain essential University services. Exempt positions which become vacant after Dec. 15 may be filled only with advance authorization from the appropriate dean or vice president on the grounds that the position is essential for ongoing operations. In the remainder of the fiscal year, no more than 50 per cent of the funds accruing from vacancies in nonexempt positions may be expended with discretion for hiring placed in the hands of the appropriate deans and vice presidents. Funds will continue to be available for hiring student employees.

(The University's commitment to Affirmative Action is not affected. All Affirmative Action efforts will continue within the expenditure reduction hiring guidelines.)

—Travel. Academic and non-academic personnel in the endowed divisions are asked to curtail voluntarily travel paid for by unrestricted funds. Only travel deemed essential should be authorized by department chairmen and unit heads.

—Administrative Computing. Administrative users of the Office of Computer Services (OCS) and the Division of Management Systems and Analysis (MSA) will be limited to those activities essential to the University's operation. Project planning for new and improved administrative systems will be tabled.

—Supplies and General Expense. Wallace B. Rogers, director of general services, will institute a program to make more effective use of supplies and equipment and to reduce duplicating, photocopying, mailing and telephone expenditures in the endowed academic and nonacademic departments.

Corson also told the Executive Committee that he would present to the full Board of Trustees at its January meeting a strategy by which the critical choices necessary to reduce expenditures over the next three years will be made. He reiterated that the first priority for the plan, which will be developed over the next eight months and which will

call for participation by the faculty, will be given to academic programs including the libraries, with emphasis upon maintaining and developing existing strengths. Nonacademic activities, including student support and administrative services, will be subject to similar and equally intensive analysis and review directed toward reducing such activities to those essential for

sustaining the academic core of the University.

Corson told the Executive Committee the expenditure reductions were necessary because "the international and national economic situation continues to deteriorate, inflation is still raging, there is no firm action from Washington, energy costs are going up, and the stock market is going even lower."

## Campus Cooperation Asked on Cutbacks

In announcing a planned expenditure reduction program which will begin soon, President Dale R. Corson called on the campus community for cooperation and support in the effort.

He said, "I am appealing to the entire Cornell community to pull together in implementing the expenditure reduction program and to work together in determining future University priorities."

"Cornell has grown rapidly over the past 20 years. Now times are different. Constant growth is no longer possible. But economic adversity also affords an opportunity to examine our goals, assess our academic strengths, identify our weaknesses, and develop a unity of purpose that will lead

to continued quality in the years to come.

"I ask the members of the University community to be responsive and responsible; responsive to the need to reduce expenditures and responsible in their attitude and in the manner in which they work to effect expenditure reduction."

"We must save as much as we can this year in order to put us in a position to weather future years of financial difficulty. These expenditure reductions are reasonable moves aimed at saving as much as we can. There are no unnecessary reductions and all are precautionary. I ask the University community's support and cooperation in taking these most necessary actions."

### Academic, Financial Dateline

*Tuesday, Jan. 21 - Thursday, Jan. 23* — Registration material will be available from 8 a.m. - 4 p.m. and on Friday, Jan. 24, from 8 a.m. - 3 p.m.

Students in Architecture, Arts & Sciences, Agriculture & Life Sciences, B&PA, Engineering, Graduate School, Hotel, Human Ecology and Unclassified will pick up registration material in the Straight Memorial Room.

Students in Law, I&LR and Veterinary Medicine will pick up registration material at their division offices.

*Thursday, Jan. 23* — Registration for new and rejoining students will be in Barton Hall, from noon - 4 p.m. Students will report at the time indicated on their Registration Permit Card. Following University registration students will be instructed to report to their division offices to complete their registration.

*Friday, Jan. 24* — Continuing students will register between 8 a.m. - noon and 2 - 4 p.m. Students in Arts & Sciences, Agriculture & Life Sciences, Graduate School, I&LR, Hotel and Human Ecology will register in Barton Hall. Students in other divisions will register at their division offices. Everyone will register at the time indicated on their Registration Permit Card.

**REMINDERS** — If Cornellcard holders want the Jan. 2 bill to be mailed to a different address (in order to avoid a finance charge) please come to the Cornellcard Office at 260 Day Hall to fill out a temporary change of address label between 9 a.m. - 3 p.m. Monday - Friday.

Students living in the dorms and leaving for the Spring Term should sign vacates in the Housing Office, 223 Day Hall. If your security deposit has not been paid, your registration for the Spring Term will be held up. Pay at 223 Day Hall.

Each student whose Financial Aid package included a BEOG estimate should turn in his eligibility report to the Office of Financial Aids, 203 Day Hall, IMMEDIATELY to have the award processed and credited to his account. Students who do not bring in their eligibility reports will *not* be able to receive their awards. Students whose reports indicated they were ineligible must also turn them in.

The '75-'76 Financial Aid applications will be available starting Wednesday, Dec. 18. If you plan on receiving aid for the '75-'76 academic year, you *must* pick up an application in the Financial Aid Office.

## Cornell Authorized To Arrange for Bonds

The Cornell University administration was given authority Tuesday (Dec. 10) to negotiate with the New York State Dormitory Authority for bonds to finance some \$23.5 million worth of construction at the Ithaca campus, and the Medical College in New York City.

Much of the work is already completed or in progress, or has been previously committed by the trustees. The bonding authority was granted by the Executive Committee, meeting in New York City.

The trustees were told by University Treasurer Arthur H. Peterson that despite present high interest rates on long-term bonds, Dormitory Authority financing has an advantage because the bonds are tax-exempt.

In Ithaca, some \$12.5 million in financing is sought to pay back current fund advances for the Baker Chemistry complex and other projects, and to finance Willard Straight Hall renovation that is now in pro-

gress, utility line construction, a new electric substation, the expansion of the Fine Arts Library in Sibley Hall, relocation of occupants of Rand Hall, and a debt service reserve.

In New York City, a loan of \$11 million will be used to finance the Lasdon House (living units) construction project, with debt service costs to be paid from rental income.

In Ithaca, the debt service costs associated with Baker Laboratory, Willard Straight Hall and Fine Arts Library renovations will be met from the Endowed Ithaca General Purpose funds.

Costs for utility improvements will be recovered from billings to users.

In another move for Dormitory Authority financing, the Executive Committee authorized the administration to provide partial funding for the purchase of the new IBM 370/168 computer and disk storage peripheral equipment, through a \$2 million Authority loan.

# 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.*

## 'Cornell Takes Hayesy Action'

Editor:

Whenever an effort is made to institutionalize a school or university in the same manner as a factory by placing personnel in categorical kennels, there is the unavoidable risk of lowering morale and destroying incentive. A factory seeks increased production, calls in efficiency experts, makes time studies and establishes systems in which incentive is restored by equating remuneration with productive labor. In doing this, the factory incurs the risk of unionization as time study experts level an

upward spiral of increased production. At this juncture, things become hayesy.

Cornell has taken its first Hayesy step. Creativity, imagination and personal skill have been chiefly ignored. Lifetimes of outstanding performance have been swept into kennels with indolent slugs.

Some of us who have given Cornell our maximum efforts will begin to question the value of loyalty. Some of us will be less eager to tap our natural wellsprings of creativity. Cornell has told us who we are,

where we are, and what we are worth. Some of us will walk rather than run, stand rather than walk, and sit rather than stand. A major step toward mediocrity could be at hand. But, on the other hand, there are those of us who know no other way than to give Cornell our best shot. We will work for the sheer joy of expertise in what we do, knowing in our hearts that we can do no better. May this thin line of loyal servants learn to forget the kennel in which they were put and see Cornell through the awkward years ahead.

Russ. Hamilton

## 'Faculty Not Adhering to Code'

Editor:

The Code of Academic Integrity places the responsibility for maintaining standards of "academic honor and the fulfillment of the provisions" of the Code on both members of the faculty and students. A number of cases have come before the Academic Integrity Hearing Board in which it became clear, from the evidence presented and the replies elicited in the ensuing questioning, that the faculty members concerned have failed to comply with the stipulations of Section II B, 1 and 2, of the Code of Academic Integrity. The injunction to members of the faculty is that everyone "shall inform his students of regulations that apply to academic integrity in work in his course and make clear to what extent he will accept prior work, papers submitted for another course, collaborative effort, and the exchange or use of aid or information. He shall also indicate what he considers to constitute an act of plagiarism." Indications from the cases that have come before the Board are that in

some cases these requirements were not met. The pleas of students were that they were not aware that their actions constituted infringements of the Code. No evidence could be adduced to show that the instructors concerned had, in fact, called the attention of the students to the rules. Nor could it be established that the instructor in any of the cases in question did "try to improve the student's understanding of his intellectual responsibility." Rightly or wrongly, the argument has been advanced that to do this would be demeaning. The view of the Board is that the right place to raise such an argument is on the floor of the FCR. The Board's responsibility is the interpretation and implementation of the Code.

Another cause for concern among members of the Board is the apparent lack, in some instances, of strict supervision over the conduct of examinations. It is not intended to suggest here that this is an exonerating factor for the wrongdoer; the point made is that the atmosphere created by proliferation of opportunities for violations of the Code cannot be said to be "conducive to the spirit of ... academic integrity."

Needless to say, not all principles and procedures connected with academic integrity as defined for Cornell find un-

iversal endorsement. The Board itself is constantly on the alert for anything that needs review or modification in the system and has already taken steps to file certain recommendations with the relevant organs of the Faculty Council of Representatives. The Board, however, feels compelled to make this informal appeal to the members of the faculty for assistance in the implementation of rules and policies which derive their validity from the corporate decisions of their own segment of the community.

Academic Integrity Hearing Board

Michael Hilf, Chairman  
Marion Minot  
Raymond T. Fox, Vice Chairman

Richard G. Warner  
J. Congress Mbata  
Roger A. Morse  
Debra R. Elkins  
Joanne Klopfer  
Carolyn Wright  
Elaine R. Lubin  
Richard M. Phelan, Faculty Alternate  
Stanley Zahler, Faculty Alternate  
James S. Tisch, 1st Student Alternate  
Howard L. Fox, 2nd Student Alternate  
T. Thomas Cottingham, Executive Secretary

## Staff Directory Receives Kudos for Improvements

Editor:

Having criticized last year's University staff-directory very severely, I feel impelled to speak up in praise of this year's directory, which has just been issued. All the important features whose absence rendered last year's book less than useful have now been restored: inclusion of emeriti and teaching fellows; indication of marital status; use of Miss, Mrs. or Ms. to tell the

user which staff-members are female; indication of the professional field covered by professorial titles as well as the rank itself. Accuracy of information seems to be greatly improved. My congratulations to the Office of University Publications for having restored the directory to its former level of excellence.

Robert A. Hall, Jr.  
Professor of Linguistics

## Advice Is Offered For Appeals Day

Editor:

I'm afraid that neither the section of Nancy Elliott's letter to exempt employees regarding job classification appeals nor the Chronicle story gave adequate information to employees. By the same token, I don't believe that Personnel has made adequate preparation for Appeals Day, Monday, Jan. 6, 1975.

The following advice to employees and Personnel is based on experience in the Athletic Department. How can the Athletic Department offer advice on a matter such as this? Primarily because people in Athletics have had experience dealing with hockey fans — large, sullen, near-mutinuous crowds. And if Personnel doesn't think there will be a crowd on Appeals Day, their offices must be sound-proofed against the screams of anguish coming from exempt employees. Their opinion can be summed up by this comment I heard: "It's the greatest injustice ever done to Cornell employees and if they do the same thing to the non-exempt people, they'll have a riot."

But I have digressed.

First, it's unfortunate that Appeals Day was announced so far in advance; the Appellants will have plenty of time to organize. Second, it was poor planning to set a Monday as Appeals Day; the Appellants will have all weekend to form their line. However, all is not lost.

Personnel should im-

mediately notify the ROTC and Safety Division and request the use of Barton Hall. They should plan on a crowd of at least 1,000. I suggest the Appellants be allowed to enter Barton and form their line on Sunday. Personnel will have to notify the employees on several items: When will Barton be open? Will numbers be distributed as Appellants arrive? Will there be periodic line checks? Announced or unannounced? Will Appellants have to sleep over in Barton?

On this latter point, I think it is vital that Personnel give Appellants some idea as to when their Appeal, relative to their position in line, might be heard. It took more than a year to complete the job classification program. Considering the number of probable appeals, I would imagine that it will take at least that long to deal with them. It's only fair that the Appellants at the end of the line know how long they'll have to wait, especially if the line in Barton is maintained throughout the appeal reviews. The thought of spending a year sleeping in Barton Hall is unattractive even to the most faithful Cornell sports fans. Of course, this would be one way for Personnel to find out who's *really serious* about appealing.

I'll be available for consultation on this subject at any time. Or, we can discuss it on Appeals Day: I'll be the guy at the head of the line.

Robert W. Smith  
Coordinator, Athletic Information — 4

## Magazine Praised; Of Interest to Faculty

Editor:

The Cornell faculty, along with other university faculties, is now facing a difficult and perplexing set of academic policy problems: financial stringency; possible academic program cutbacks; policy responses to a no-growth situation; a need for new ways to encourage innovation and to maintain a vigorous faculty, and so on. In contemplating these problems, most of us would like to have available some analyses which can increase our understanding of the problems and inform us of the experiences at other universities. Given this, the Committee on Academic Programs and Policies wants to call the Cornell faculty's attention to an important recently published set of studies of these and related problems. The publication is the Winter 1975 issue of *Daedalus* magazine. The entire issue is devoted to the topic, "American Higher Education: Toward an Uncertain Future." It contains some thirty articles, including ones by such authors as: Moynihan, Kemeny, Yarmolinsky, Fleming, Riesman and Boulding. We believe this volume will be of considerable interest to mem-

bers of the Cornell faculty, and at the single copy cost of \$2.95, it is good value. Cornell departments might conceivably find it helpful to order departmental copies and circulate them.

The Campus Store expects to stock this volume, but in the meantime, single copies may be purchased from the American Academy of Arts and Sciences, 165 Allandale St., Jamaica Plain Station, Boston, Mass., 02130. The order should specify the Winter 1975 issue, Volume II of the above title, since there is also a Volume I (Fall 1974 issue) which positions the problem with emphasis on the events of the last decade. Volume I is interesting and useful, but the second volume is especially relevant to Cornell current and future problems.

The Committee on Academic Programs and Policies:  
Herbert Everett, Chairman  
Eleanor Jorden  
Gilbert Levine  
F. A. Long  
Henry Ricciuti  
Shayle Searle  
Shaler Stidham  
David Wilson

CORNELL CHRONICLE

Published weekly and distributed free of charge to Cornell University faculty, students, staff and employees by the Office of Public Information. Mail subscriptions \$12 per year. Make checks payable to Cornell Chronicle Editorial Office, 110 Day Hall, Ithaca, N.Y. 14853. Telephone 256-4206. Editor, Randall E. Shew. Managing Editor, Elizabeth Helmer. Photo Editor, Russell C. Hamilton.



# Diagnostic Laboratory To Be Built at CU

A new diagnostic laboratory to be built at Cornell University's Veterinary College by the State Department of Agriculture and Markets was approved Tuesday (Dec. 10) by the executive committee of the University Board of Trustees.

The new facility, estimated to cost \$1.5 million, will serve veterinarians, physicians, farmers, college researchers, owners of race and pleasure horses and pet owners throughout the state.

Proper veterinary diagnostic facilities are essential to the welfare of New York State for a number of reasons, according to Dr. Sidney Nusbaum, director of the new laboratory:

—The economic well-being of New York's prime industry — agriculture — depends on good diagnostic facilities;

—Detection of diseases is needed to maintain a healthful food supply;

—Good diagnoses can protect humans from transmissible diseases carried by animals;

—Animals can be barometers or indicators for substances which could produce toxic effects in humans;

—Since New York is a major entry point for many kinds of animals from other countries, it is easy for new and unusual animal diseases to take hold here.

In 1970, a team of out-of-state experts had pointed out the inadequacies in the state's diagnostic facilities and recom-

mended development of a new laboratory at the Veterinary College. The Cornell site offered the opportunity to share staff and facilities between the diagnostic laboratory and the rest of the Veterinary College.

At the time of the study, diagnostic services were conducted in small, inadequate facilities. The staff handled about 8,000 cases per year. Today the facility has expanded into three pre-fabricated labs, but facilities are still inadequate to handle the work load — now up to some 55,000 cases a year.

The new laboratory will use a multi-disciplinary approach to identifying diseases. Specialists in immunology, bacteriology, mycology, virology, toxicology, pathology and epidemiology will work together to test animals for infectious diseases, poisoning, metabolic disorders and other kinds of ailments.

The two-story building to be attached to the College, will have approximately 21,000 gross square feet of space and will provide working area for some 60 persons, including 14 principal investigators.

The building was designed by Levatich, Miller and Hoffman of Ithaca. The project is scheduled to go out for bid before the end of 1974. Construction could start as early as March 1975, with occupancy expected by July 1976.



## Snow Emergency Explained

New procedures to deal with vehicular access to the Cornell campus if unusually heavy snowfalls occur this winter have been outlined by Jackson O. Hall, executive assistant to President Dale R. Corson.

According to Hall, this system would go into effect when there is adequate parking space in the A and B parking lots to permit classes to run as scheduled, but snow conditions on the campus are such that it has been impossible to

clear inner campus parking areas. During such conditions, no vehicular traffic will be allowed on campus except emergency and service vehicles and buses.

Hall explained that during a snow emergency any vehicle registered with the University will be allowed to park in the A and B lots. Campus buses marked "A and B Local" will run every 10 minutes and three areas will be specially designated as drop points so that

students, faculty and staff can be dropped off near a campus bus stop. These drop points will be:

1. The U parking lot off University Avenue behind Sibley Hall;
2. The E parking lot off Campus Road next to Grumman Hall;
3. The U parking lot off Judd Falls Road next to Stocking Hall.

Hall emphasized that these lots will be drop-off points only. No parking will be allowed in these lots during a snow emergency.

During a snow emergency special signs, "Snow Emergency—No Vehicles Allowed on Campus," will be posted, and additional signs with arrows will direct vehicles to the drop points. In addition, announcements about the snow emergency on campus will be broadcast no later than 6:30 a.m. on the nine regional radio stations participating in the Cornell hazardous weather alert system.

These stations, by call letters, city and location on the radio dial are: WHCU, Ithaca, 870 kilohertz (kHz) (AM) or 97.3 megahertz (mHz) (FM); WTKO, Ithaca, 1470 kHz (AM); WVBR, Ithaca, 93.5 mHz (FM); WKRT, Cortland, 920 kHz (AM) or 99.9 mHz (FM); WMBO, Auburn, 1340 kHz (AM); WENY, Elmira, 1230 kHz (AM); WGVA, Geneva, 1240 kHz (AM); WEBO, Owego, 1330 kHz (AM) and WBNF, Binghamton, 1290 kHz (AM).

20 feet tall, were valued as teaching tools.

Lewis said "It's a disappointment people don't have enough sensitivity to realize the Plantations is not the place to cut a tree. There are Christmas-tree farms in the community where, for \$2 or \$3, you can have all the fun of cutting your own tree legally."

Lewis described the Plantations' losses this year as "the worst we've had."

The fourth tree, an Austin black pine, is valued at \$225.

Cornell's judicial administrator, Barbara M. Kauber, said, "If the parties responsible are apprehended and belong to the University, the very least that is involved is restitution for replacement of the tree plus penalties for damage. If the person is not part of the Cornell community, the case either goes to the civil or criminal courts, or both."

## Cutting Campus Trees: A Judicial Violation

The Yule-tide spirit leading to the cutting down of Christmas-type trees on campus may be a violation of both civil and criminal law as well as a violation of Cornell's campus judicial system.

The Cornell Safety Division has already located three trees cut from the Cornell Plantations last week. The trees were found in a Cornell fraternity house on Friday (Dec. 6), a day after Plantations' personnel reported the loss to the division.

A fourth tree was cut over the weekend from the North Campus area near dormitory building 5 by unknown person(s), according to a Safety Division report Tuesday.

The Plantations' losses consisted of two Douglas firs and a Swiss stone pine, valued at approximately \$1,100, according to Richard M. Lewis, Plantations director. In addition to their cash value, the trees, which ranged between 12 and

## Spring Term Registration Probably by Old System

Cornell students will probably have to register for spring term courses on the old registration system instead of the new computerized Student Information System, according to R. Peter Jackson, director of student records and finance.

Jackson said that "full efforts are being made to ready the new system for spring term operation," but that recent delays will probably require the University to fall back on the

old registration system.

A special subcommittee to plan the details of the forthcoming registration has been established by the Faculty Committee on Academic Records and Instruction, Jackson said. The subcommittee, headed by William Gauger, assistant dean of the College of Human Ecology, will work out any logistical problems involved in going to the back-up registration system.

## Holiday Hockey Games Tickets on Sale in Teagle

Tickets for Cornell's two holiday hockey tournaments are available at the Teagle Hall ticket office and will be on sale there through Dec. 20. The ticket office is open from 9 a.m. to 12 noon and 1-5 p.m. Monday - Friday.

The Syracuse Invitational Tournament scheduled for Dec. 27-28 at the War Memorial, pits Cornell against Colgate at 9 p.m. on the 27th, following the 6:30 p.m. meeting between St. Lawrence and Vermont. The consolation and the finals are at 6:30 p.m. and 9 p.m. on the 28th. All tickets are priced at \$3.50 per night.

The ECAC Holiday Festival is scheduled for Jan. 3 and 5 at New York's Madison Square

Garden. Cornell takes on Boston College in the opening game at 6:30 p.m. Brown meets St. Lawrence at 8:30 p.m. The consolation and the finals are at 1:30 p.m. and 3:30 p.m. on the 5th.

Tickets for the ECAC Tournament are available at \$7, \$6 and \$4.50 per night. There is a \$2 discount on all tickets for students with ID cards.



## Barton Blotter

### Vending Machines Hit

Thieves have been very active in the past week on campus, and vending machines have been a major target.

According to Safety Division morning reports, some 30 vending machines have been broken into during the week, with thieves making off with some \$1,200 in cash and merchandise from the machines. In addition, it has cost more than \$1,000 in parts and labor to repair the machines.

Other thefts reported this week:

A large mirror from the women's room in the Hasbrouck Apartments office; athletic equipment from the Teagle Hall training room; an amplifier and two speakers from a room in Willard Straight Hall; \$9.71 in stamp money from a desk in Martha Van Rensselaer Hall.

Also, a coffee pot and hot plate from a room in Clara Dickson Hall; a telephone from a lounge in North Campus Dorm 1; a pair of brown work boots from Lynah Rink; a knapsack from a room in Martha Van Rensselaer Hall; a telephone receiver/speaker from a room in Uris Hall.

Also, a blue jacket from the Thirsty Bear tavern; \$10 to \$15 in cash from a dresser drawer in McFaddin Hall; several green flags from the University golf course.

### Air Service to Improve

New Allegheny Airlines service schedules starting Jan. 7, 1975 are "the best Tompkins County has ever received," according to Wallace B. Rogers, University director of general services and chairman of the Air Transportation Committee of the Tompkins County Chamber of Commerce.

The new schedule includes daily round-trip service to JFK

Airport in New York, three daily flights to Chicago, non-stop service once again to New York City, and many other connections on flights that were not available before.

Details on the new schedule will be available in about 10 days from the University Travel Office or from Allegheny Airlines.

### Career Center Calendar

The following dates are significant. Check Career Center for details:

**Dec. 13:** University of Detroit (Law) and American University Graduate School will conduct informational interviews.

Application deadline for the January Federal Summer Jobs Examination.

**Dec. 15:** Danforth Foundation — application deadline.

**Dec. 20:** Application deadline for National Science Foundation's Postdoctoral Fellowships in Energy Research.

**Dec. 24:** GRE application penalty date. The test will be Jan. 18.

**Dec. 28:** Optometry College Admissions Test (OCAT) application deadline. The test will be Jan. 18, 1975.

GSFLT (Foreign Language Test) application deadline for the Feb. 1 exam.

**Dec. 31:** GRE application deadline.

Environmental Conservation Fellowships application deadline.

Looking ahead...

**Jan. 1, 1975:** Hastings Fellowship-application deadline.

**Jan. 2:** National Teacher Examination application deadline for the Jan. 25 exam.

**Jan. 3:** ATGSB ("Business Boards") application deadline for the Jan. 25 exam.

**Jan. 6:** NSF Energy-Related Traineeships application deadline.

**Jan. 7:** Application deadline for Faculty Fellowship in Science Applied to Social Problems.

**Jan. 9:** LSAT application penalty date for the Feb. 8 exam.

**Jan. 13:** TOEFL application penalty date for the Feb. 24 exam.

**Jan. 15:** Application deadlines for Andover Teaching Fellowships, Smithsonian Institute Fellowships and Teaching Internships at St. Pauls' School.

**Jan. 16:** LSAT application deadline.

**Jan. 17:** Application deadline for the February Federal Summer Jobs Exam.

**Jan. 22:** College of Podiatry Admission Test (CPAT) application deadline for the Feb. 8 exam.

**Jan. 28:** TOEFL application deadline and GRE application penalty date for the Feb. 22 GRE.

The General Accounting Office has announced the establishment of a Faculty Fellowships Program for 1975. Any faculty member with three or more years of GAO-related teaching experience is eligible to apply. Applications will be accepted through Jan. 17, 1975. See Career Center for details.

### Judicial Summary Decisions

Nov. 9 — Dec. 6, 1974

No. of Students	Violation	Summary Decision
1	Theft of a traffic sign	*WR; \$75 fine or 30 hours community service (financial need considered)
1	Harassment & damage to property	WR; order to cease & desist from further harassing; restitution for property damage; \$10 fine (complainant requested minimal penalty)
1	Misuse & possession of stolen parking permit	WR; \$75 fine or 30 hours community service
2	Taking food from co-op dining area	WR; \$20 fine or 8 hours community service
1	Possession of stolen textbook	WR; \$75 fine or 30 hours community service
2	Possession of stolen chair from University property	(1) WR; \$80 fine or 32 hours (financial need considered) (2) WR; \$100 fine or 40 hours
2	Theft of and damage to University property	WR; \$100 fine or 40 hours each
1	Possession of stolen jacket	WR; \$75 fine or 30 hours

\*Written reprimand

### College of Agriculture

## Requirements Change

Students in the New York State College of Agriculture and Life Sciences will have more leeway in selecting courses as a result of action recently by the College faculty.

They will now have 12 hours available for elective courses in any of the three groups — physical sciences, biological sciences or social sciences and humanities. Previously only six hours had been available for free selection of courses.

With the change, there is now a minimum requirement of nine hours in physical sciences, or group A, to include six hours of chemistry or physics or mathematics.

Similarly, there is now a minimum requirement of nine hours in the biological sciences, group B, to include six hours of biological sciences or botany.

Consequently, students in the College of Agriculture and Life Sciences now have to take 18 credit hours in the physical and biological sciences instead of 24. This leaves six hours available, in addition to the six that had been available under the old system, for students to take courses of their choice.

Requirements in the third group, social sciences and humanities were not changed. The minimum requirement is 15 hours in at least two subject areas to include six hours of

freshman humanities.

The requirement for 45 hours from all three groups also remains the same. Under the new system, students have minimum requirements of 9, 9, and 15 hours in the three groups, totaling 33 hours, leaving 12 hours for electives.

Everett indicated the change in requirements is effective immediately. To revise pre-

registration schedules as a result of the new graduation requirements, students will have to wait until the regular add/drop change period in January.

Students are advised to check their Summary of Record before this period. Any questions should be directed to the Office of Resident Instruction, 192 Roberts Hall.

### Academic Integrity Hearing Board Decisions

During the months of September and October, the Academic Integrity Hearing Board met on eight occasions for the purpose of hearing a backlog of 20 cases and petitions. These cases and petitions were held over from the 1973-74 academic year. By and large, they developed later in the year (May-June), making a prompt hearing difficult.

The Board heard three petitions during September and October: one for removal from the student's academic record card of a notation stating that the student had been suspended by the Academic Integrity Hearing Board; one for removal from the student's academic record card of a notation stating that the student had been found guilty of violating the Code of Academic Integrity; one for readmittance to the University (the student was under suspension by the Board at the time of his petition). All three petitions were granted.

The Board heard twelve cases involving students charged with "knowingly representing the work of others as your own." Four were found not guilty, while eight were found guilty. The Board heard five cases involving students charged with "using or obtaining unauthorized assistance," and "giving fraudulent assistance." Two students were found not guilty, while three were found guilty of one or both charges.

Of the eleven students found guilty by the Board, one was expelled, with a notation of the reason for his expulsion placed on his academic record card. The other ten all received serious warnings plus some combination of the following actions: counseling with a member of the University staff appointed by the Board; academic record card notations; letters to current and/or future professors alerting them to the fact that the student was found guilty by the Board; letter to faculty advisor informing him of the Board's decision and the reasons for it; recommendation that a new test or paper be assigned and submitted for grading.

Students and faculty members who suspect that a violation of the Code of Academic Integrity has occurred are to report such suspicions to the Chairman of the Academic Integrity Hearing Board, Michael Gary Hilf, at 315 Day Hall. Current faculty legislation prohibits faculty members from determining the guilt or innocence of their students. Determinations of guilt, innocence and penalties (or other actions) are the prerogatives of the Academic Integrity Hearing Board.

### Chronicle

All items for publication in the Cornell Chronicle must be submitted to the Chronicle office, 110 Day Hall, by noon on the Monday preceding publication.





## It's Not Just a Pet Project

The stereotyped version of the veterinarian is a kindly man in a white coat who loves farm animals and dogs and cats. He comes to you when your animal is really sick, and you go to him when your pet needs simple preventive medicine such as a vaccination.

Modern veterinarians do carry on these duties, but at Cornell's veterinary college, veterinarians and students have expanded their interest beyond the traditional livestock and pet care fields. Within their purview is everything from aardvarks to zebras.

In an average year the clinical staff at the Veterinary College examines, tests, treats or vaccinates 29,000 cows, 9,000 dogs, 4,300 horses, 3,500 cats, 1,000 sheep and goats, 900 swine and over 200 miscellaneous wild and pet animals. Llama and chinchilla (bottom left) come through the college's facilities along with lions, tigers and bears.

During the past few years the college has added programs which investigate the diseases of fish, aquatic mammals, fur-bearers and other forms of wildlife.

Because of the wide range of expertise at the veterinary college, it receives referrals from veterinarians throughout the state who may not have the know-how or facilities to handle unusual cases.

The college's clinic also accepts animals with more conventional medical needs in order to provide a public service and to expose veterinary students to the full range of animal ailments.

Emergency cases are handled by faculty and students 24 hours a day, keeping the college's facilities in operation while most of the University is asleep.

The college is careful to provide proper diets, exercise and clean, comfortable living quarters for all animals under its care.

As a public service the college provides information on control of animal diseases to kennel clubs, 4-H clubs, farm organizations and other groups. It answers more than 1,000 mail and telephone inquiries each year.

Research activities at the college are aimed at upgrading both animal and human health. Among its studies are the effects of chemicals, toxic plants and radioactivity on human and animal health; new treatments for diseases; the impact of animal diseases on man; the causes of animal disease.



Photos by Sol Goldberg

## CIVITAS Asks For Volunteers For Storefront



In its second year of operation, *Storefront* has become well known as an Information and Advocacy Center, both to the people who use its services and to the Ithaca community.

The Center is available to help any one with problems related to housing, consumer rights, welfare, employment, taxes, minors' rights, etc. Assistance and emphasis is on teaching people the skills and familiarity with resources they need to solve not only their current problematic situation, but also to help handle problems in the future. Open 9 to 5 p.m. weekdays, help is given on a walk-in or call-in basis.

*Storefront* is operated completely by volunteers. Additional volunteers are always needed to help staff the center. Both orientation training and in-service training are provided.

Currently, *Storefront* is planning to organize a cadre of volunteers, to be trained by the Internal Revenue Service (towards the end of January), to run a Tax Assistance Program, designed to help people learn the mechanics of filling out yearly income tax forms.

With the departure of College Students for Christmas vacation, *Storefront* is actively seeking people who can help in their center, for either this two-month period, on a long-term basis, or specifically with the Tax Assistance Program.

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

**Health Dept.:** volunteers needed in Groton and Ithaca to be friendly visitors to elderly housebound ladies for a few hours weekly on a regular basis.

**Dryden Head Start Nursery:** volunteers are needed to assist in the pre-school program, from 9 a.m. to 2 p.m. on any day, Monday through Friday following the public school calendar.

**Economic Opportunity Corp.:** a volunteer is needed to tutor an adult in business math. Days and hours can be arranged to suit the volunteer.

**Youth Bureau:** volunteers needed to work in pre-school education program with individual children for two to three hours a week on a regular basis, arranged to suit the volunteer's and child's schedules.

**Dryden Central School:** volunteers needed to work with individual students or small groups, in individualized programs arranged for 7th through 12th grade math, English, social studies or science. Guidance and materials will be supplied by support-teacher. Assistance can be given any school day between 8:30 a.m. and 2:30 p.m.

**Ithaca High School:** a volunteer English tutor is needed for a Spanish-speaking exchange student, from 10 to 11 a.m. on any school day through January, or throughout the school year.

**Tompkins County Home and Farm:** volunteers needed to visit with individual residents, to assist in recreational programs, to teach the use of a weaving loom or a potter's wheel, or to present short musical or slide programs. Day and time can be arranged to suit the volunteer.

**Ithaca High School:** volunteers are needed to tutor individual students in 9th grade math, geometry, algebra or physics at various times of school days.

**Greater Ithaca Activities Center:** a volunteer is needed to arrange a library and to teach library skills to youth. Day and time can be arranged to suit the volunteer.

**Meadow House:** volunteers are needed to assist in homemaking, grooming or crafts therapy programs, or to take part and assist in recreational programs for handicapped adults, weekdays and some evenings.

**Red Cross:** volunteers are needed to assist in Service to Military Families program, as telephone case-workers at scheduled times and days in one's own home. Training and reference materials will be provided.

**Mental Health Assn.:** needs the donation of small, new or unused, unwrapped gifts for adult patients at Willard State Hospital. Suggested gifts are baked goods, candy, personal care items, jewelry, hobby kits, games, stationery, pipes and tobacco, small items of clothing. Gifts may be left at Meadow House, Women's Community Bldg., or Association office in downtown Ithaca, or Anabel Taylor Hall main office.

**Suicide Prevention & Crisis Service:** volunteers needed to begin training, for seven sessions, on Monday Jan. 13, 1975, 7:30 p.m. Volunteers must be over 21 or Seniors in college and be willing to commit themselves to a minimum of 10 hours of service per month after training. Pre-registration interview required.



## Geology Seminar Discusses Staking a Claim

# 1872 Mining Law in Effect

Prospecting with a pick, shovel and burro in this day and age is not likely to yield an economically viable mine, but for some Americans who have staked mining claims on the nation's public lands it has resulted in an ideal summer home site procured for as little as \$2.50 an acre.

That fact emerged from a geology seminar led by Percy Luney, a geologist with a law degree from Harvard who is teaching at Cornell this year.

The reason small-time miners have made it big on public lands can be traced to the Mineral Location Act of 1872, a law passed to encourage mining of the Louisiana Purchase and other public lands in the West. The law, according to Luney, has not changed appreciably since its passage.

Under the law, a prospective miner must first make a "discovery"; that is, he must locate a potentially valuable metalliferous mineral for which, as a prudent man, he would be justified in further expending his labor and capital, with a reasonable prospect of success, to develop a valuable mine.

The discovery can be turned into a "location" by staking a claim. The claim must be marked to conform to certain specifications and the prospector must do \$100 of assessment work on the claim each year. In theory, the assessment work will lead to knowledge of whether the claim is worth developing further; in practice, claimants have been known to dig holes in snow merely to satisfy the legal requirements for holding the claim.

When and if the prospector decides that the claim is economically worthwhile to develop, he can file with the United States Department of the Interior for a patent. In order to receive the patent, the prospector must provide proof of \$500 worth of improvements to the land, publish a notice of his intent to seek a patent in a local newspaper, and satisfy certain other legal requirements.

Once the Department of the Interior approves the patent application, the miner is allowed to buy his claim for \$2.50 per acre in the case of a "placer claim" where ore is scattered in alluvial sand and gravel or for \$5 per acre in "lode claims" staked around a vein of ore.

Luney emphasized that the Bureau of Land Management, the arm of the Interior Department responsible for granting patents, has tightened up its administrative regulations to make it more difficult for those who have no intention of operating a commercial mine to acquire land at these bargain prices. The basic laws governing patents, however, are still in effect.

Despite the inadequacy of present mining laws, many experts oppose changes because the time needed to shift legal frameworks could hinder exploration and production,

Luney said.

Serious commercial development of mines in the U.S., Luney said, is a 10-year job which can require from \$100 million to \$500 million in capital. In addition to exploration and feasibility studies, the mining company must carefully work out ways of borrowing from 60 to 70 per cent of the cost of development and sign long-term contracts with ore buyers.

Mining today requires strict compliance with air-and-water-pollution standards and possible reclamation requirements. Increasingly, too, mining companies are faced with protracted court battles with environmentalists before construction of the mine actually begins.

Although Luney does not have a simple alternative to the current maze of mining law in the United States, he stressed that over the next 40 years the country must develop national or regional management pro-

grams based on more adequate knowledge of supply and demand for minerals.

While at Cornell, Luney will be working on several papers including one on the importance of the mineral industry in the United States. He will also be evaluating the importance of mineral resources in underdeveloped countries and examining possible sources of conflict between nations which attempt to mine manganese nodules from the ocean.

A graduate of Hamilton College, Luney obtained a Thomas J. Watson fellowship to study mining in sub-Saharan Africa. After 10 months visiting African mines, he returned to Harvard to obtain his law degree.

He is currently living in Ithaca with his wife, a graduate student in the Graduate School of Business and Public Administration.

### Graduate Record Exams Schedule

The Guidance and Testing Center announces the Graduate Record Exams schedule for Saturday, Dec. 14 as follows:

8:30 a.m.

Abeles—McCune: Moot Court Room, Myron Taylor Hall.

McEwan—Schultz: Olin M.

Seltzer—Zenzen: Rockefeller E.

1:15 p.m.:

All Advanced Tests in Moot Court Room, Myron Taylor Hall.

### Bulletin Board

#### Registration Is Early For IC Exchange Courses

Cornell University students who want to take an Ithaca College course during the spring term will have to return to Ithaca early to register for it.

IC's registration is from Jan. 13 to 17, earlier than Cornell's, and no registrations will be accepted for IC courses after Jan. 24.

The College and the University embarked this year on a program under which students at either institution might take courses at the other school without additional charge.

#### Statler Intersession Hours

The Statler Club Board of Directors invites faculty and exempt employees eligible for membership to use the Rathskeller for lunch from January 2 to 24. Lunch is served from 11:45 a.m. to 2 p.m., with free coffee in the lounges, Monday through Friday.

#### Electronics Seminars Scheduled

Persons who have indicated an interest in attending the Office of Personnel Service's Advanced Electronics Seminars should attend the first two sessions later this month to develop a seminar schedule, according to Virginia K. Rinker, training specialist.

The seminars begin at 8 a.m. Tuesday, Dec. 17, in the Conference Room, Wilson Synchrotron, when Ernest Von Borstel will present "An Overview of the Synchrotron." He is supervising engineer for synchrotron operations. The second seminar will be held at 8 a.m. Thursday, Dec. 19, in Room 123 Phillips Hall when William Boyes will talk on "A Preview of the TV Studio and Video Tapes." Boyes is supervising technician, electrical engineering.

All subsequent seminars are scheduled for Tuesdays and Thursdays for an indefinite period.

Questions on the seminars should be directed to Rinker at 256-4869.

#### Women in Work World Correction

The Women in the Work World lecture by Daphne Roe announced in last week's Bulletin Board gave the wrong date. Dr. Roe's talk on "Health Factors in the Unemployment of Low-Income Women" will be given at 11 a.m. to noon Wednesday, Dec. 18 in Ives 217.



## 'Hark, the Herald Angels Sing...'

Sage Chapel was candlelit and decorated for the Sage Chapel Choir's annual Christmas Program performed Monday and Tuesday nights for capacity audiences. Traditional decorations, arranged by Raymond T. Fox, associate professor of floriculture and ornamental horticulture, included a 20-foot Norway spruce in the apse with live red poinsettias in pots on its branches.

Highlights of the program were the candlelight processional, several works by Cornell composers, readings from the Bible by Barbara Troxell, associate professor of music, and audience participation in singing five Christmas hymns. Associate professor of music and Sage Chapel Choir director Donald R. M. Paterson's arrangement of "O Tannenbaum" was publicly performed for the first time.

## ILR Supervises Worker-Exchange Program *Job Satisfaction Experiment*

A handful of automotive production workers from three major United States auto manufacturers are currently assembling engines in the Saab-Scania plant in Sodertalje, Sweden.

The worker-exchange program is supervised by Cornell University's New York State School of Industrial and Labor Relations (ILR). Funding is provided by a \$100,000 Ford Foundation grant to the Worker Exchange Programs, coordinated by Arthur S. Weinberg of the ILR Extension Division, metropolitan office, in New York City.

The Ford Foundation grant was awarded to Lois S. Gray, assistant dean of ILR's New York Metropolitan Office, for 18 months beginning in September 1974.

The program is designed to

determine the effect of modern team production practices aimed at increasing job satisfaction among American blue-collar employees.

Weinberg chose the Swedish plant because "Swedish manufacture is designed to enrich the work experience, make the work more satisfying and involve the workers in the decision-making process."

He explained that the Sodertalje plant operates on the principle that "a small team of workers, carrying out the complete assembly of an engine, finds its work more satisfying and is more productive than in the traditional production line."

Each team of three workers may determine whether it will construct engines as a team effort or individually build com-

plete engines.

Weinberg said the interior of the plant resembles a park or garden with landscaping and rest areas; workers also may use recreational facilities such as tennis courts and a sauna.

Production workers sit on the boards of directors in all corporations employing 50 or more workers and they are part of the decision making process at all levels.

Robert Schrank, originator of the worker exchange idea and project specialist of the Ford Foundation, said "the worker exchange program is another way of doing a case study. It permits workers within an industry to work in a plant with a new type of work structure and to record their perception of what the new plant experience is about."

The United Auto Workers provided the project with the initial Saab-Scania applications of 30 racially and sexually distributed workers "who typify engine assembly workers," Weinberg said. Six were then selected by the project.

In addition, Weinberg is currently organizing groups of six workers each for exchange at a major Swedish ship manufacturer and at a Danish electronics firm assembling color television sets. Two management officials will also participate in the ship manufacture exchange, which provides for at least two Swedish workers and one management representative to come to the United States. Weinberg stated the Danish firm had "eliminated the assembly line in an effort to humanize work conditions."

## Ecumenical Service To Be Held in Sage Chapel

An ecumenical Christmas service, based on the theme, "Varieties of Christmas Experiences," will be held at 11 a.m. Sunday, Dec. 15 in Sage Chapel.

The service, which is being sponsored by Cornell United Ministries and the Wesley Foundation, will feature dramatic vignettes, readings from the Bible and contemporary literature, special music

including a guitar trio and a flute trio, carol singing, litanies, and a performance by the New Life Dancers, choreographed by Sue Gifford.

The service will be directed by David E. Durham, University United Methodist Chaplain, and members of the "New Life Community," a student organization sponsored by United Ministries and the Wesley Foundation.

## Medieval Christmas Music Program to Be Presented

"Christmas in Medieval England," a program of English carols and motets, will be presented by the Collegium Musicum at 4 p.m. Sunday, Dec. 15 in Barnes Hall.

The Collegium Musicum, under the direction of Medieval studies graduate student Elizabeth Keitel, consists of 19 singers and players.

In its presentation of 15th

century English motets and carols and portions of the "Worcester fragments" of 13th and 14th century manuscripts, the Collegium Musicum will perform on several newly acquired instruments — a Krumphorn and a shawm (forebears of the oboe) and a cornetto (a recorder with a trumpet mouthpiece).

## Annual Dairy Days Announced: Scheduled for January 14-15

The Department of Animal Science has announced its annual Dairy Days program for Jan. 14-15, 1975 in Morrison Hall.

Dairy waste management for environmental quality, herd health problems, and new research developments will be featured.

Dairymen and industry personnel from throughout New York State and the Northeast are invited to attend. Scientists from the New York

State College of Agriculture and Life Sciences at Cornell will discuss environmental regulations affecting dairy farm operations, including disposal of milkhouse and dairy manure wastes.

Program details, banquet and parking reservations, and lodging information are available from Cooperative Extension offices, or direct from: Dairy Extension Office, Morrison Hall, Cornell University, Ithaca, N.Y. 14853.

## Campus Bus Holiday Schedule

Cornell University's campus bus service will be modified slightly for the holiday and intersession periods from Dec. 23 (Monday) through Jan. 22, 1975 (Wednesday), according to David W. Brown, director of Transportation Services.

From Dec. 23 through Jan. 22, 1975, no A and B lot express buses will run. This will have no effect on the regular bus schedule or service except that persons normally riding the B express to Bailey Hall circle will get off at the corner of Garden Ave. and Tower Rd.

No campus bus services will run from Dec. 24 (Tuesday) through Dec. 27 (Friday). Those employees and students coming to campus during that period may park in any legal parking area on campus. Restrictions will be enforced only in no parking areas and emergency service zones.

The Traffic Bureau office will be closed from Dec. 24 through Dec. 27, re-opening on Dec. 30 (Monday), Brown said. Any questions regarding these revisions should be directed to the Campus Bus Service at 256-3782.

There will be limited morning B-express service from 12/30-1/22.

# Bulletin of the Faculty

(Publication of this Bulletin is supervised by the Secretary of the Faculty, Russell D. Martin, 315 Day Hall, 256-4843)

## Special Announcement To Faculty Regarding Grading

The Faculty's attention is called to the grades and grading policies as established by the Faculty. In the past the grade "Incomplete" has been used at times when it does not appear to be justified. Specifically, "Incomplete" implies three things: one, "substantial equity" in the course has been earned by the student, secondly, the incomplete status is for reasons acceptable to the Faculty member and thirdly, that the student is in good standing and when the work is completed a passing grade is assumed. If all three of

these conditions do not exist, then the use of "Incomplete" is inappropriate.

For grades in general, special care should be given to establishing the initial grade so that subsequent pressures by students to change grades will be limited solely to corrections based on inaccurate calculations. Much trouble can be averted if grades, once given, are maintained rather than succumbing to pressures for change.

Byron W. Saunders  
Dean of Faculty

## To Faculty and Staff

It has recently been brought to our attention that some Social Security accounts are in error as a result of several possible causes. At the time the Cornell payroll system was modified a few years back, there were some transition problems which resulted in minor errors at the time which can become major errors at the time of retirement. Because

each person is responsible for an individual account, it can only be verified by that individual. Under the circumstances it would be prudent to have all faculty and staff inquire of the Social Security Office the status of their accounts and then verify them with their own records.

Byron W. Saunders  
Dean of Faculty

## Report of the Meeting of the Faculty Council of Representatives December 11, 1974

At its regular monthly meeting the Faculty Council of Representatives heard a report from the Dean of the Faculty, discussed a controversial statement from the Committee on Professional and Economic Status of the Faculty, heard a report from the Committee on Physical Education, adopted an evaluation report concerning the Center for the Improvement of Undergraduate Instruction, tabled two resolutions from the Academic Integrity Board, moved to re-commit a report on the academic calendar, and honored one of its retiring members.

In Dean Saunder's report he mentioned a request from the Senior Class concerning inviting a commencement speaker from outside the Cornell family. His earlier recommendation against such a policy had been supported by the FCR Executive Committee. He urged any members who wished, to express their views to the Office of the President. He also reported that the formal document concerning the Boyce Thompson Institute was available in his office for anyone who wished to see it.

Next, he indicated that the resolution regarding visitors was under continuing discussion. He also stressed the urgency of submitting nominees for the newly authorized Budget Committee, and mentioned that he is in the process of appointing an ad hoc Committee on Academic Integrity. Further, he mentioned that the reapportionment of FCR seats had been completed.

Concerning the Buckley Amend-

ment, he urged that all faculty members re-assess their policy concerning letters of recommendation and other materials to which a student would have access.

Distributed at the meeting was the proposed Senate document on the Community Bill of Rights. To save both time and money involved in the ratification process, the Dean urged members to examine it and send their comments to either his office or to the Senate Office no later than Jan. 15.

Particular mention was made concerning the requested report from the Budget Advisory Committee. The 12 members had expressed a nearly unanimous feeling regarding the need for academic excellence, a strong faculty, good libraries, and a need for faculty involvement but, at this point, were uncertain as to how they should report to this body. The Dean indicated that this merely reinforced the need for moving ahead rapidly in the formation of the new Budget Committee.

Finally, the Dean expressed regret at the relatively small faculty turnout at the Senate meeting with the trustees on Dec. 4. He reported having sent a letter to the trustees apologizing for the conduct of certain individuals and certain procedures at the meeting.

The next item on the Agenda was the presentation of a statement from Professor Conneman, Co-chairman of the Committee on Professional and Economic Status of the Faculty, regarding salary policy and related budget decision. The report em-

phasized that too little information was provided and too little time allotted to make the type of intensive salary and budget analysis necessary. It also indicated to what extent Cornell has fallen behind comparable institutions in faculty salaries and stressed the need for reversing the trend. The Committee suggested a set of principles and standards which included: involvement of a Faculty Committee in any major decisions to expand or contract academic programs; a realization that particularly in times of severe economic stress the basic goal must be the preservation of quality in teaching and research; and the need for an annual report each May reflecting the administration's decisions, such report to be made available to FCR committees. Considerable discussion followed, with particular concern being expressed regarding the salary issue and its various implications.

Professor Mai, as Chairman, gave a progress report from the Committee on Physical Education. He indicated that considerable first hand information had been obtained relative to: staffing, the specific nature of the program, student involvement, current needs, and long range plans and programs. The third meeting of the Committee, to be held this week, will involve a further analysis of this material.

On motion by Dean Saunders, the following resolution was carried unanimously:

The Committee on Academic Programs and Policies has reviewed the report of the ad hoc Committee to Evaluate the Center for Improvement of Undergraduate Education and information and reactions subsequently submitted by the Director of the Center, James B. Maas, and the CIUE Advisory Board. We offer the following comments:

The Center appears to have been performing three functions:

(1) a service function to the teaching staff of the University: dissemination of information, use of CIUE facilities for preparation and presentation of instructional materials, collaboration in developing and evaluating audio-visual instructional materials and video technology;

(2) an incentive function for faculty members, through the Center's Faculty Fellows Program; and

(3) a research function - supporting (through grants from external sources) research in education.

The first and second functions - oriented as they are toward the Cornell community in particular - depend on Cornell for financial support. The administration of the University has indicated that it feels the activities comprising function (1) are worthwhile and that it would continue to support them if CIUE did not exist. Function (3), supported primarily by outside funds, would presumably continue as long as the Director is able to procure such funds. The existence or non-existence of the Center would seem to have little bearing on his ability to do so. Thus, the only significant casualty from the disappearance of the Center would seem to be the Faculty Fellows Program.

The desired response from the Advisory Board has been disappointing. Only one member chose to offer any opinions, and his were mostly negative. If there is a significant sentiment on the Board for continuation of the Center in its present form, this Committee was not made aware of it. While favorably disposed toward the aim of the Center and substan-

tially in agreement with the report of the ad hoc Committee to evaluate CIUE, in the present (financial) climate and in light of the lack of vigorous support of the Center, this Committee cannot recommend continuation of CIUE in its present form. The Committee does, however, believe that several of the activities which CIUE has undertaken, particularly those in (1) above, deserve continuing University support, even though the support may need to be at a much smaller dollar level than at present.

One possible approach to this would be to reorganize CIUE into a program which concentrates both on structured voluntary faculty efforts to improve undergraduate teaching, and on maintaining central files and information on such items as course evaluation procedures and audio-visual aids. If this approach is not feasible and CIUE is phased out, the Committee would urge the University administration to preserve and continue those CIUE programs which relate most directly to Cornell's needs.

The next item was a motion by the Dean to adopt two resolutions from the Academic Integrity Board. The first read as follows:

RESOLVED, That II.B.3 and II.B.4 of the Cornell University Code of Academic Integrity be amended as follows (deletions in brackets, additions in italics):

### II. RESPONSIBILITY

#### B. Faculty Responsibility

3. In cases of suspected violation of the Code of Academic Integrity by an undergraduate, the alleged violation is to be reported to the Chairman of the Academic Integrity Hearing Board who will institute a hearing. If (a) course grades must be (given) *reported* prior to the hearing, (an "INCOMPLETE" should be reported) *no grade whatsoever shall be given and the affected student's grade card in the course would show a blank.* After the Board's determination of guilt or innocence, the instructor shall give an appropriate grade for the course. Penalties for violating the Code of Academic Integrity are the prerogative of the Board which shall take into account all the circumstances of the case.

4. *A faculty member may not lower, for punitive purposes, the grade of a student who has violated, or allegedly violated, the Code of Academic Integrity.* A student may request the Chairman of the Hearing Board to institute a hearing if an instructor assigns a grade or takes any other action against a student, based on an alleged violation, without following the procedures outlined in paragraph 3. The Chairman, after investigating the circumstances, shall institute a hearing if he believes it is warranted.

An amendment was offered by Professor Blumen to strike out everything under B.3. except the first sentence; and under B.4 to delete the italicized portion and omit the words "without following the procedure outlined in Paragraph 3." Both the resolution and the amendment were tabled.

The second resolution was presented as follows:

RESOLVED, That II.A.2 of the Cornell University Code of Academic Integrity and the introductory paragraph of the examples of ACTIONS OF THE ACADEMIC INTEGRITY HEARING BOARD be amended as follows (deletions in brackets, additions in italics):

### II. RESPONSIBILITY

#### A. Student Responsibility

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# Graduate Women in Science Began at CU 53 Years Ago

Tired of being the token female on a predominantly male research staff? Do you want to help promote scientific excellence among women researchers? Are you wrestling with the problem of maintaining your home and raising your family while trying to keep up an active research program?

Graduate Women in Science (GWS) may be the organization that can help you solve your problems — or at least remind you that you are not facing them alone.

Formed in Ithaca more than 50 years ago, GWS has been meeting the changing needs of women scientists at Cornell and throughout the country longer than any other women's scientific organization.

Originally the group was an honorary society which recognized outstanding women in science — at a time when any woman in science stood out — and brought them together socially.

GWS's present emphasis is more service-oriented. It encourages and assists women who want to pursue their scientific education and careers, often in addition to carrying on family responsibilities, according to Margaret Stone, senior curator at Cornell's Bailey Hortorium and president of the Ithaca chapter of GWS.

"We're concerned that women in science do quality research and that they are given as fair a chance as men to prove their ability," Stone said.

The Ithaca chapter was in-

strumental in developing a "professional skills roster," a list of faculty wives and others who possessed skills which could be used effectively by the business and professional world on a part-time basis. The roster, begun in 1966, is still maintained by GWS members and other volunteers.

The group has sponsored tours of local laboratories and University research facilities for high school girls. Many chapter members have also listed themselves with Cornell's Career Center and are available to talk with women considering careers in science.

The local chapter also holds monthly meetings featuring presentations by women scientists and those working to improve the status of women in science.

Nationally GWS is the only women-in-science organization officially affiliated with the American Association for the Advancement of Science (AAAS). It has sponsored symposia for AAAS on the problems and prospects of women in science, women in academia and on related topics.

The group is also affiliated with the Federation of Organizations for Professional Women, which it helped found in 1972. The federation, which includes 50 other groups, is working to create equal opportunity for qualified women in all professions, Stone said.

The national organization awards grants and fellowships to women who have shown

outstanding ability and promise in scientific research. Stone stressed that the organization urges older women, who may have more difficulty obtaining grants than younger ones, to apply for financial assistance through GWS.

Membership in GWS is open to all women with a college degree who are, or have been, engaged in scientific research in the biological, physical or mathematical sciences. Graduate students enrolled for a degree requiring research may also join the group. For more information contact Margaret Stone at the Bailey Hortorium, Room 471 Mann or call extension 6-2132.

*A Chickadee Is A Chickadee...*  
We realize chickadees and house (English) sparrows are birds of a different feather and apologize for the misnomer on the front page of last week's Chronicle.



## University Researcher Finds New Factor in Artery Disease

A Cornell researcher has some evidence showing that a particular type of fatty compound known as triglyceride-rich lipoproteins, can contribute to the development of arteriosclerosis in man.

This work lends evidence to the idea that a number of lipoproteins, and not just cholesterol-rich lipoproteins, are risk factors in the disorder known as hardening of the arteries, according to Professor Donald B. Zilversmit, of the Division of Nutritional Sciences and Division of Biological Sciences.

This finding could have implications for diagnosis and treatment of arteriosclerosis, a leading cause of heart attack and stroke.

"In the past, patients with low levels of cholesterol and high levels of triglycerides were thought not to be likely

victims," said Zilversmit. "In my opinion these patients have an atherogenic potential and should be watched."

He noted that triglyceride levels may be controlled by reducing total caloric intake, or by drugs.

Zilversmit suggested that triglycerides play a key role in the accumulation of cholesterol deposits, and arteriosclerosis, in the following manner.

Triglyceride-rich lipoproteins in the blood may be bound to the surface of the artery wall. While adsorbed (gathered on a surface in a condensed layer), the large triglyceride-rich compounds are broken down by lipase, a fat splitting enzyme, leave a residue containing cholesterol. Additional breakdown products of triglyceride-rich lipoproteins are fatty acids.

These fatty acids, at the level

of acidity in the plasma, are present in the form of soaps (a type of fatty compounds), which solubilize and disperse cholesterol. Soaps also disrupt cell membranes, perhaps favoring the uptake of cholesterol in the arterial walls.

"This mechanism doesn't replace current views on the importance of high cholesterol-rich lipoproteins in blood plasma," Zilversmit said. "But it shows that triglyceride-rich lipoproteins can enhance the uptake of cholesterol."

Zilversmit, a Career Investigator of the American Heart Association, is on the faculty of the section of biochemistry, molecular and cell biology of the Division of Biological Sciences. Much of his research is sponsored by the National Institutes of Health.

## Poultry Science Grant

The Department of Poultry Science at the New York State College of Agriculture and Life Sciences has been awarded a \$5,000 grant from the Merck Company Foundation in Rahway, N.J.

Known as an animal health education grant, the award is for support of education in poultry science at Cornell, said Walther H. Ott, senior scientist with Merck Sharp & Dohme Research Laboratories, a division of Merck & Co.

On behalf of the Foundation,

Ott presented the award to Professor Robert J. Young, chairman of the Department of Poultry Science, during his recent visit to campus.

Young said that part of the grant, with matching funds, will be used to finance much needed laboratory equipment for teaching in the areas of nutrition, genetics, physiology, and food science.

In addition, the grant will make it possible for the department to invite authorities as seminar speakers.

# Bulletin of the Faculty

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2. A student shall be guilty of violating the Code if he:

- a. (knowingly) represents the work of others as his own;
- b. uses or obtains unauthorized assistance in any academic work;
- c. gives fraudulent assistance to another student (.);
- d. gives assistance that he knows to be unauthorized to another student.

### ACTIONS OF THE ACADEMIC INTEGRITY HEARING BOARD

The Academic Integrity Hearing Board determines the actions which it may impose. Should a person be

found guilty of a violation of the Code, he may have several actions imposed simultaneously. *In cases of a first offender who is only found to have unknowingly represented the work of others as his own, the Academic Integrity Hearing Board may issue a serious warning and/or require counselling with a member of the University staff.*

An amendment by Professor Ankrum was carried to retain the word "knowingly" under A.2.a. Following another amendment by Professor Malcolm to strike out A.2.c., it was moved by Professor Byrners to table the entire matter.

Motion was carried.

The following resolution, intended as an advisory document for the University Senate, was presented by Professor Fabricant, Chairman of the Faculty Committee on Calendar and Schedules.

**RESOLVED**, That the instructional length of the academic terms to be included as part of the academic calendar shall consist of:

- 1. At least 14 full weeks of classroom instruction (exclusive of a study period and final exam).
- 2. In addition to the normal semesters above, a winter term of not less than three weeks (exclusive

of any Christmas vacation period) between semesters.

3. Because of the academic pressures created by 14 continuous weeks of instruction without a break, a one-week vacation period approximately half-way through each 14 week term.

On motion by Professor Malcolm, it was voted to return the resolution to the Committee for further clarification.

The final item on the Agenda was the reading of a Resolution that had been presented earlier by the University Library Board to Dr. Giles Shepherd, Acting Director of Libraries, upon his pending retirement. A resounding round of applause served to both officially start "SHEP" on his well deserved retirement and to adjourn the meeting promptly at 6 p.m.

# Calendar

December 12-22

## Thursday, December 12

4 p.m. Informational meeting regarding Graduate Study in Management. 217 Malott. Sponsored by the Graduate School of Business and Public Administration.

6 p.m. Club France Table Francaise. Ivy Room (last table).

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. North Campus Union Program Committee meeting. Conference Room.

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

7:30 p.m. Graduate Women in Science initiation meeting, followed by "Scientific Illustrating," Paula Bensadoun. Martha Van faculty lounge. All are welcome.

8 p.m. Eckankar, Path of Total Awareness. Discussion group. 248 Goldwin Smith.

8 p.m. \*Cornell Cinema Film: "Key Largo" starring Humphrey Bogart, Lauren Bacall and Edward G. Robinson. Willard Straight Theatre.

9 p.m. Noyes Free Movie Series: Cartoons and "A Christmas Carol." Noyes third floor lounge.

## Friday, December 13

5:30 p.m. Shabbat Service. Founders Room, Anabel Taylor.

7 & 9:15 p.m. \*Cornell Cinema Film: "What's Up, Doc?" starring Barbra Streisand and Ryan O'Neal, directed by Peter Bogdanovich. Uris Auditorium. Attendance limited to Cornell Community.

7 & 9:15 p.m. \*Cornell Cinema Film: "The Three Musketeers" directed by Richard Lester. Statler Auditorium.

8 p.m. Shabbat Service. Edwards Room, Anabel Taylor.

## Saturday, December 14

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

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

3:30 p.m. Talmud Shiur. Young Israel House.

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

7 & 9:15 p.m. \*Cornell Cinema Film: "What's Up, Doc?" Uris Auditorium. Attendance limited to Cornell Community.

7 & 9:15 p.m. \*Cornell Cinema Film: "The Three Musketeers." Statler Auditorium.

## Sunday, December 15

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.

11 a.m. Sage Chapel Convocation: Ecumenical Christmas Service. David E. Durham. University United Methodist Chaplain at Cornell presiding.

4 p.m. Music Dept. Concert: Collegium Musicum - Medieval carols. Barnes.

6 - 8 p.m. \*Sunday Smorgasbord. Statler Inn. For reservations call 257-2500.

7 p.m. Table Tennis clinic, followed at 7:30 by Round Robin Singles. Barton.

8 p.m. \*Cornell Cinema Film: "A Night At The Opera" starring The Marx Bros. Statler Auditorium. Attendance limited to Cornell Community.

## Monday, December 16

4:30 p.m. Dept. of Geological Sciences Seminar: "Particle track-dating of processes on Earth, Moon and Elsewhere." Dr. Robert Fleischer, General Electric Company. B-11 Kimball.

8 p.m. \*Cornell Cinema Film: Walt Disney's "Dumbo." Uris Auditorium. Attendance limited to Film Club Members.

## Tuesday, December 17

4:30 p.m. Dept. of Geological Sciences Seminar: "Patterns of extinction." Dr. R. Flessa, SUNY at Stonybrook. B-11 Kimball.

8 p.m. \*Cornell Cinema Film: Double Feature: "The Russians Are Coming, The Russians Are Coming" at 8 p.m. and "A Funny Thing Happened On The Way To The Forum" at 10:15 p.m. Willard Straight Theatre.

## Wednesday, December 18

11 a.m. Women in the Work World: "Health Factors in the Unemployment of Low Income Women," Daphne Roe, M.D., speaker; Division of Nutritional Sciences. 217 Ives. Sponsored by Personnel Dept.

8 p.m. \*Cornell Cinema Film: Peter Sellers stars in "The Pink Panther." Willard Straight Theatre. Attendance limited to Cornell Community.

## Thursday, December 19

6 p.m. The Cornell Christian Science Organization invites



## Carolers Call on President Corson

students to a Readings and Testimony meeting in the Founders Room, Anabel Taylor.

6 p.m. Club France Table Francaise. Ivy Room (last table). 8 p.m. Eckankar, Path of Total Awareness. Discussion Group. 248 Goldwin Smith.

8 p.m. \*Cornell Cinema Film: Science Fiction classic "Forbidden Planet." Willard Straight Theatre. Attendance limited to Cornell Community.

## Friday, December 20

7 & 9:15 p.m. \*Cornell Cinema Film: Woody Allen's "What's Up, Tiger Lily?" Willard Straight Theatre. Attendance limited to Cornell Community.

7 & 9:15 p.m. \*Cornell Cinema Film: "Bring Me The Head of Alfredo Garcia" directed by Sam Peckinpah. An Ithaca Premiere. Statler Auditorium.

## Saturday, December 21

7 & 9:15 p.m. \*Cornell Cinema Film: Woody Allen's "What's Up, Tiger Lily?" Willard Straight Theatre. Attendance limited to Cornell Community.

7 & 9:15 p.m. \*Cornell Cinema Film: "Bring Me The Head of Alfredo Garcia" directed by Sam Peckinpah. Statler Auditorium.

Last day of Exams.

## Sunday, December 22

Intersession, to January 23, 1975.

## Exhibits

*Franklin Gallery*: The All-Show - sculpture, paintings, drawings & prints of Cornellians past and present. Open to Dec. 31.

*Herbert F. Johnson Museum*: Prints for purchase: to Dec. 18. Continuing a popular tradition from our days at the Andrew D. White House, The Johnson Museum of Art will sponsor a sale to be held in our print galleries on the second floor. A large selection of original graphic works as well as museum catalogs will be available for purchase by the public, all at extremely reasonable prices.

Gaston Lachaise: Open to Dec. 20. The sculptor Lachaise was born in Paris in 1882 and received a thoroughly French training in the Arts. In 1906 he emigrated to America and it was in this country that Lachaise produced his most mature and substantial work. He is known as a major sculptor of the female form in all its erotic, heroic and archetypal dimensions. Also included in the show are portrait heads and sculpture of mammals.

Jack Chen: An artist in China. Open through Dec. 20. Artist, journalist, writer, lecturer and ambassador of good will, Jack Chen has throughout his career contributed greatly to the increased understanding that this country now has of the People's Republic of China. Educated in Europe, Mr. Chen brings to his work a gift for illustration and cartoon, and an unusually cosmopolitan point of view.

Museum hours: Monday closed; Tuesday - Saturday: 10 - 5; Wednesday evenings till 9; Sunday: 11 - 5.

*History of Science Collections*: Recent acquisitions, changed monthly. 215 Olin Library.

*Olin Library*: "Maxfield Parrish, American Artist, 1870-1966." Parrish was one of the most successful popular artists of his time. His work, reproduced in books and magazines as art prints and on calendars and playing cards, will be exhibited until Dec. 15.

*Sibley Dome Gallery*: Student Photography. Open to Dec. 24.

*Uris Library*: "The Hopi Indians of the Southwest, Their Art and Culture." The exhibition, featuring Kachina dolls, pottery, and weaving is drawn from the personal collection of Cornell Professor Emeritus W. Storrs Cole.

*Van Rensselaer Gallery II*: Woven Dimension, an exhibit of the term's work of DEA 342 and 401, weaving I and II. Room 317, Gallery II. Open to Dec. 13.

## Announcements

The Sierra Club invites the public to see two movies dealing with rivers. The first is a controversial new film about flood control reform, produced by the Environmental Defense Fund, "Planning for Floods." The second film is "Wild Rivers." It shows rivers in the United States in varying moods and seasons, and was shown at the 1966 American Film Festival. Both films will be presented by the Sierra Club on Thursday, Dec. 12 at 8 p.m. in the Tompkins County Public Library. Admission is free, and refreshments will be served. People needing a ride should call Linda at 257-0891 by Dec. 10.

## Cornell University Press

Dickie, George: *ART AND THE AESTHETIC: An Institutional Analysis*. Publication date was Nov. 8, 1974, \$9.50.

Lyttelton, Margaret: *BAROQUE ARCHITECTURE IN CLASSICAL ANTIQUITY*. Publication date was Nov. 18, 1974, \$31.50.

Smith, Roger M.: *SOUTHEAST ASIA: Documents of Political Development and Change*. Publication date was Nov. 22, 1974, \$13.50.

Pope-Hennessy, John: *FRA ANGELICO*. Publication date was Nov. 25, 1974, \$42.50.

Kagin, Donald: *THE ARCHIDAMIAN WAR*. Publication date was Nov. 25, 1974, \$17.50.

Scullard, H.H.: *THE ELEPHANT IN THE GREEK AND ROMAN WORLD*. Publication date was Nov. 29, 1974, \$16.50. (Aspects of Greek and Roman Life series.)

MacLeod, Robert B. and Herbert L. Pick, Jr., editors: *PERCEPTION: Essays in Honor of James J. Gibson*. Publication date was Dec. 6, 1974, \$14.50.

\*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, 6-3515 at least 10 days prior to publication of the Chronicle. The Calendar is prepared for the Chronicle by the Office of Central Reservations.