



# CORNELL CHRONICLE

The official weekly of record for Cornell University

Vol. 3 No. 19

Thursday, February 3, 1972

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## What Is It?

For the story of Joseph M. Rosen's unusual creation, see Page 5.

## 'Associates in ILR' To Visit Campus

The student leaders of what has been termed a grass-roots revolution in higher education will be on the Cornell campus tomorrow and Saturday.

All over 30 years old and pursuing successful careers in labor and management in New York City, they are members of the first class in the associate degree program in labor relations initiated last fall by the newly established Empire State College. Empire State, the "college without walls," is a unit of the State University of New York.

The seven students are members of the executive committee of the Student Association of the associate degree program in New York City. They will meet with members of the faculty of the New York State School of Industrial and Labor Relations (ILR) to evaluate the first semester of the program and to plan future developments.

According to ILR Dean Robert B. McKersie, it was through the efforts of these adult students and many of their classmates that the ILR School became responsible for the teaching of all the courses in industrial and labor relations in Empire State's associate degree program in labor relations.

McKersie explained that most of the 120 students who enrolled in the Empire State program this fall were graduates of the ILR School's two-year labor-liberal arts program launched in New York City two years ago. This non credit extension program was designed to provide advanced education for workers without undergraduate degrees.

McKersie said the apparent success of this program generated interest among the students to push for a similar program, but one that would lead to a degree. Working through labor union leaders in New York City, they brought energetic support, he said, to the ILR School and the State University in developing such a degree program.

He called their efforts a grass-roots revolution in higher education.

One of the principals of this student movement is Bernard Rosenberg, assistant to the business manager of Local 3, International Brotherhood of Electrical Workers. Rosenberg, who leads the alumni association of the ILR's labor-liberal arts program, is also one of the executive committee members who will visit Cornell.

Accompanying him will be Tony Bai of the Teamster's Union; Jerome Goldstein, member of Local 3, International Brotherhood of Electrical Workers; Hubert Robinson, labor relations assistant, New York City Transit Authority; Marie Calera, Business agent, International Ladies Garment Workers' Union; Harold Halderson, delegate to District Council 37 from State, County and Municipal Workers Union, and George Litsios, furriers Joint Council Local Union 105.

McKersie pointed out that the ILR School's collaboration in the Empire State program is a logical result of the school's dual relationship as a unit of Cornell as well as a statutory school of the State of New York.

*Continued on Page 6*

## Prof Studies Rain Acidity, Air Pollution

Increasing air pollution may be causing large increases in acidity in rainfall with possible harmful effects to the earth's land and water resources, a Cornell scientist reports.

Gene E. Likens, associate professor of ecology in Cornell's Division of Biological Sciences, said studies in which he has participated show that rainfall in the northeastern portion of the United States is "surprisingly acid."

"The trend toward increasing acidity in rainfall," Likens said, "appears linked to mounting levels of certain gaseous pollutants such as sulfur and nitrogen oxides that can be converted chemically in the atmosphere to strong acids. Although the trend appears to pose no apparent threat to health, it can do considerable damage to man-made structures and equipment and, more importantly, it has serious implications for ecological systems."

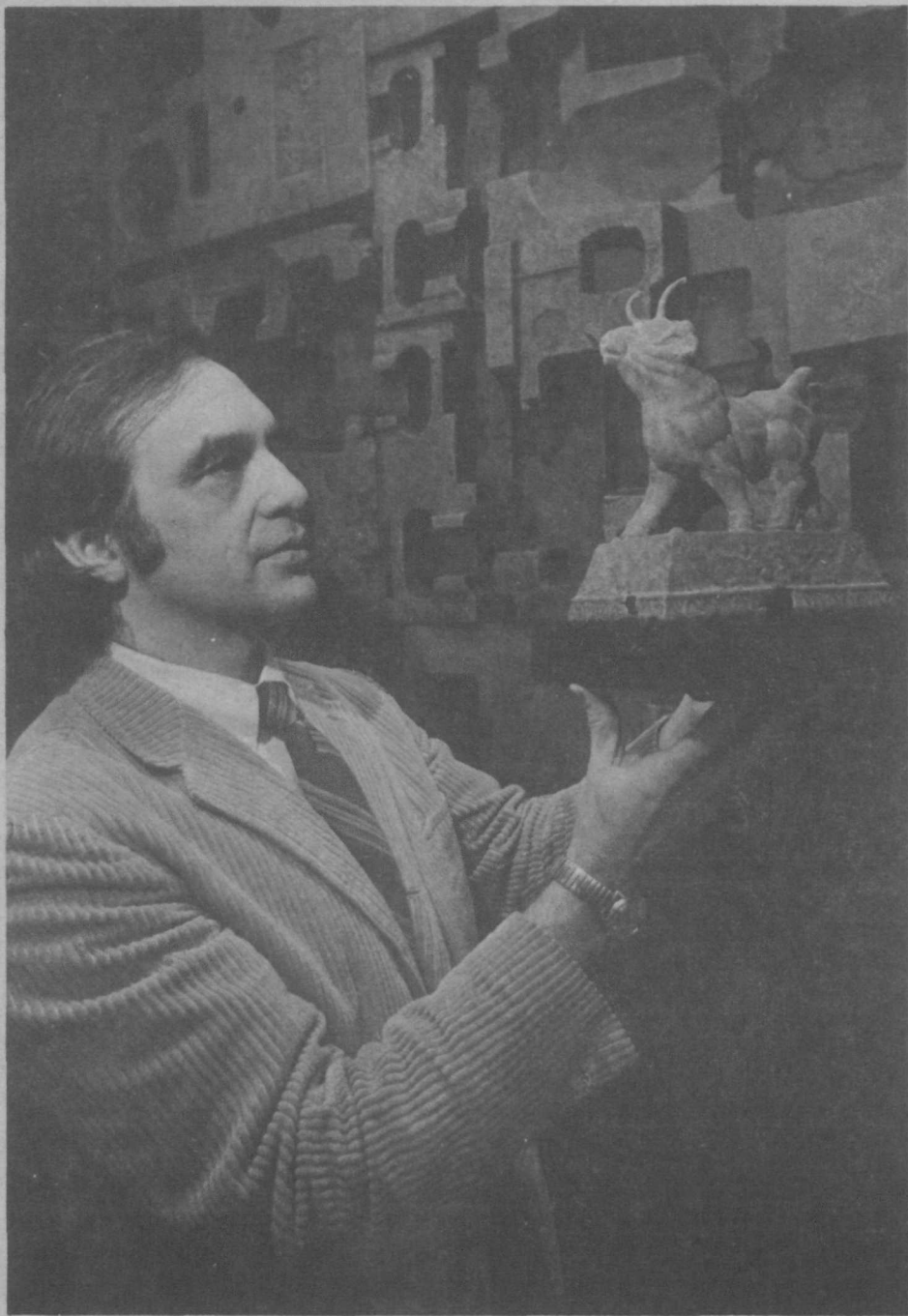
*Continued on Page 7*



## Hockey Ticket Line?

No, just students waiting for job interviews. See story on Page 2.





## Llhuroscian Bull

Thomas W. Leavitt, director of the Andrew Dickson White Museum of Art, examines an artifact from the current exhibition at the museum. The exhibit, entitled "The Civilization of Llhuros," will be on display through March 5.

## Cornell Nutritionists Study School Lunches

Scientists at the Graduate School of Nutrition have started an economic evaluation of school lunch systems in six states to determine the relative efficiency of these systems for schools of varying sizes and locations.

David L. Call, the H. Edward Babcock Professor of Food Economics, and Norman E. Payne, a graduate student, plan to study the three principal school lunch systems in New York, Florida, Pennsylvania, Georgia, Tennessee and Massachusetts.

The three systems they'll study are the unit system in which a school prepares and serves its own lunches in its own cafeterias, the satellite system in which a central school prepares lunches and delivers them to other schools, and the newest system in which a private company prepares and delivers lunches to schools on a fee basis.

Last summer Call and Payne investigated the feasibility of determining the cost of producing a school lunch through personal interviews with lunch directors in a number of schools in upstate New York. Results of this study showed a difference in direct costs of 18 cents per meal and a range of 8.5 to 21.0 meals per labor hour, a measure of labor productivity.

"These results demonstrate," Call said, "the need for additional work in this area to delineate the factors which are involved in influencing the cost."

It is anticipated that results of this research will enable local school districts to better plan for the most efficient school feeding system to meet their particular needs.

The research will be conducted with the aid of a \$41,000 grant from the U.S. Department of Agriculture's Food and Nutrition Service which is responsible for administering the national school lunch program.

## Operations Strengthened

# Rudan to Direct Computing

John W. Rudan has been named director of Cornell's Office of Computer Services (OCS) as a first step in a program for strengthening the management of computing operations at the University. Rudan has been acting director of OCS since December, 1970.

In announcing Rudan's appointment, Samuel A. Lawrence, vice president for administration, said that OCS will continue to be the principal University supported computing facility on the Ithaca campus. It will be responsible for providing computing services for the instructional, research and administrative programs of the University as well as for providing development, programming and consulting services associated with instructional programs.

Support for these activities is derived both from user charges and from University appropriated funds, but revisions are anticipated in the funding for OCS so that major user groups will bear an increasing responsibility for support of computer services, Lawrence said. It is expected that this will lead to a sounder financial base for OCS and provide the stability needed for continued improvement in services, he said.

Overall policy for computing matters is exercised through a University Computing Board, which also is responsible for planning and coordination of campus-wide computing activities. Rudan will continue to serve as the principal staff resource of the University Computing Board until plans, now being formulated, to recruit a computer executive to assist the board in its overall planning and coordination role are implemented.

A native of Winnipeg, Manitoba, Rudan earned a bachelor of science degree in mechanical engineering from the University of Manitoba in 1955. He earned a master of science degree in industrial engineering from Cornell in 1962. He was associated with Cornell's Computing Center starting in 1959 and was director from 1964 to 1966, prior to the center's consolidation with OCS. For the past several years he has been a graduate student in the Biometrics Unit at Cornell and is currently completing the requirements for a doctor of philosophy degree.

## Students Line Up In Career Center For Interviews

A line of 50 students waiting to sign up for job interviews had formed by 9 a.m. Monday morning when John L. Munschauer, director of Cornell's Career Center, arrived for work.

"I had to say 'excuse me' all the way down the hall to reach my office," he quipped. "It looked like the line for season hockey tickets."

The Monday morning enthusiasm for interview sign-ups was due to the fact that fewer recruiters are visiting the campus this year than in such years as 1969 and 1970, Munschauer explained. The sign-ups are conducted on a first-come-first-serve basis, and when the lists are full, the students go on the waiting lists.

"The job market is not much different than last year," he added "but students now realize they must come in early in the week to sign up."

Faith M. White, recruiting coordinator, harried but smiling, was too inundated with job seekers to comment. Munschauer reported she was taking sign-ups for interviews three and four weeks in advance.

Job interview sign-ups are also being held at the Graduate School of Business and Public Administration and the College of Engineering.

## On Federal Grant

# Scientists Investigate Corn Blight

Cornell researchers have launched a three-year study to determine the causes of Southern corn leaf blight and why some plants are resistant to the disease while others are not.

The project, supported by a \$90,000 grant from the Cooperative State Research Service of the U.S. Department of Agriculture, will involve several plant scientists at the New York State College of Agriculture and Life Sciences at Cornell.

Principal investigators are Prof. Vernon E. Gracen Jr. in the Department of Plant Breeding and Biometry and Prof. Olen C. Yoder, Department of Plant Pathology. Cooperating in the project are Profs. Carl W. Boothroyd, plant pathologist, and Clarence O. Grogan, plant breeder.

In launching the study, Gracen and Yoder said that the blight is caused by the fungus, *Helminthosporium maydis*, but how the organism induces the disease is not well understood.

A major purpose of the study, said Yoder, is to investigate the fundamental differences that

cause certain corn plants to be susceptible to the fungus while genetically similar plants are resistant.

The study will focus on biochemical changes which occur in susceptible but not in resistant cells, and particular attention will be devoted to differences in cell membranes and energy production sites, he said.

In another phase of the project, the researchers will study the genetic material in corn to learn how susceptibility and resistance are controlled.

It is known that corn varieties containing the Texas-type male sterile cytoplasm in the cell are susceptible to the blight, whereas plants with normal cytoplasm are resistant.

Gracen said that the Texas type, however, is not always susceptible under certain conditions. Also, not all normal cytoplasm are resistant.

In addition, the Cornell researchers are evaluating a number of male sterile cytoplasm, other than the Texas type, to seek out resistant types under field conditions.

The use of varieties containing male sterile cytoplasm is of great importance to efficient corn production because such varieties eliminate costly detassling operations in the production of hybrid seed, whereas the normal cytoplasm does not provide such an advantage, Gracen said.



**CORNELL  
CHRONICLE**

Published weekly and distributed free of charge to Cornell University faculty, students, staff and employees by the Office of Public Information, Arthur W. Brodeur, director. Mail subscriptions \$10 per year. Editorial office 122 Day Hall, Ithaca, N.Y. 14850. Telephone 256-4206. Editor, Robert W. Smith. Managing Editor, Kal M. Lindenberg. Photo Editor, Russell C. Hamilton.





# Shepardson to Head Agricultural Engineers

Prof. E. Stanley Shepardson has been appointed chairman of the Department of Agricultural Engineering at the New York State College of Agriculture and Life Sciences at Cornell.

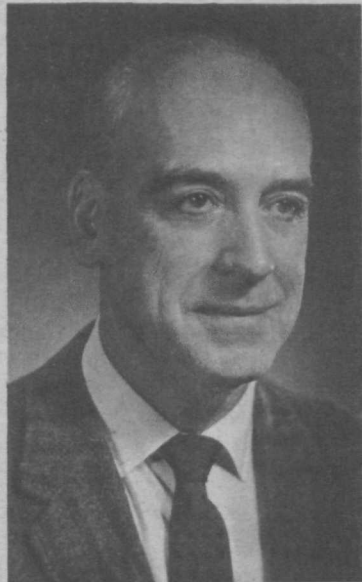
Shepardson succeeds Prof. Orval C. French who has been head of the department for 24 years. French will assume teaching, research, and extension duties following a six-month sabbatical leave.

Shepardson, who has been at Cornell for the past 35 years, served for many years as coordinator of research in the department and as assistant to the department head. He was acting head of the department during 1958-1959.

He teaches a course in farm electrification and has taught courses in farm power, field machinery, and mechanics. He is an adviser for undergraduate and graduate students.

A native of Chenango County, Shepardson received his B.S. degree in 1936 and M.S. in 1947, both from Cornell. He first joined the department as extension specialist in agricultural engineering in 1936.

Besides his teaching duties,



E. Stanley Shepardson

Shepardson has devoted much time to research and development, primarily in the field of mechanical harvesting for fruits and vegetables.

In cooperation with other Cornell researchers, Shepardson developed an original principle for a machine designed to harvest grapes — the first of its kind in the world. He holds three patents on his inventions used in the device.

## Educational Aid Program Kodak Gives Cornell \$60,500

Cornell has received grants totaling \$60,500 from Eastman Kodak Company under the company's 1971 Educational Aid Program.

The Kodak contribution includes an unrestricted direct grant of \$40,500, a research grant of \$10,000 and a restricted grant of \$10,000.

"The \$40,500 unrestricted grant will help the University close the gap between total expenses and income from student tuition and fees. Such support from the industrial community helps us to maintain a strong basic program," University President Dale R. Corson wrote to Kodak in his letter accepting the grants.

Kodak awards special grants on a non-recurring basis to colleges and universities offering curricula of particular interest to the company or for capital improvement programs. Last year Kodak contributed \$1.2 million in special grants to 20 institutions.

The research grant, given to Cornell's Department of Chemistry, is one of 38 research grants awarded to selected departments by Kodak in 1971.

The funds are designed primarily to encourage graduate education and research at the doctoral level or for new and improved facilities. Recipient institutions also are free to award, from the funds, fellowship stipends of \$2,000 or more a year to graduate students of their choice. Some \$250,000 in research grants were contributed by Kodak in 1971 to graduate departments.

A total of 255 privately supported and publicly supported schools, including Cornell, received unrestricted direct grants from Kodak in 1971. The grants are based on the number of graduates from

these institutions who joined Kodak within five years after graduation and are presently completing their fifth year of company employment. Kodak contributes \$750 for each year of academic work completed by the employee at the undergraduate or graduate level at a privately supported, accredited school. The company gives \$250 for each year of academic work completed by the employee at a publicly supported school under the same conditions. A sum of \$837,750 in direct grants has been awarded to privately supported schools, and \$325,250 in direct grants has been presented to publicly supported schools this year.

During the past decade, Kodak's support to higher education — more than \$30 million — has benefited over 400 educational institutions. In 1971, the company's contribution amounted to \$3.3 million.

Early in this century, company founder George Eastman contributed generously from his own resources to a number of colleges and universities. Kodak's Educational Aid Program is an outgrowth of this, and has continued to grow throughout the years.

Commenting on how today's financial pressures are compelling institutions to seek aid from all segments of society, Dr. Louis K. Eilers, Kodak chairman, and Gerald B. Zornow, Kodak president, said in a joint statement: "We at Eastman Kodak Company are willing and proud to do our share because we believe that the importance of education in the life of our society must not be underestimated. Well-educated young men and women are vital to our company's growth."

## Tomorrow Is Deadline For Senate Petitions

Candidates for the University Senate will be able to send campaign material through the campus mail because of special provisions set up by Wallace B. Rogers, director of general services.

Prospective candidates for office are reminded that nominating petitions are due in the Senate Office, 133 Day Hall, by 5 p.m. tomorrow (not Feb. 14 as reported in a headline in last week's Chronicle).

Rogers, who is in charge of the University Messenger Service, said the candidates may use campus mail with the following provisions:

—Each candidate may do one general mailing through the campus mails.

—Literature should be mailed in a regular campus messenger envelope, showing recipient, department, building and name of sender.

—The mailing should be sorted by building and batched by messenger route numbers, which are available in the Senate Office.

—Mailings should be brought to the Day Hall mail room for release.

—No batch mailings can be delivered on Thursdays because of extraordinarily heavy University mail.

### Extra Draft Counselors Available for a Week

To handle the many questions expected concerning yesterday's draft lottery drawing, Cornell's Draft Information Service has scheduled extra counselors for the week following the lottery drawing.

The service, which is located in Room 316 of Anabel Taylor Hall, is open weekdays from 3 to 5 p.m. and from 7:30 to 9:30 p.m. Monday through Thursday. Counseling is free and available to anyone. No appointment is necessary.

## New Graduate Field Regional Science Program Begun

Cornell has established a field of graduate study in regional science it was announced today by Barclay G. Jones, acting director of Cornell's Center for Urban Development Research.

He said the new field is designed to prepare students to study the economic and environmental problems of modern society.

The field, he said, has been developed in conjunction with the center's Regional Science Research Training Program, headed by visiting professor Walter Isard, chairman of the Department of Regional Science at the University of Pennsylvania.

Students interested in the field should contact its acting representative, Sidney Saltzman, associate professor of city and regional planning, or Margaret Coles, secretary, at the center's new headquarters.

The center, organized a little over a year ago, is now housed in a three-story masonry building at 726 University Ave. at the north end of campus. The building, the former Alpha Chi Rho fraternity house, has provided the center with more than 20 offices, a large conference room, a seminar room and several rooms for storage and clerical and publishing operations.

The center was established in the summer of 1970 to enable the University to expand its research, training and services in the area of urban problems.

Jones listed the faculty for study in regional science and outlined their interests as follows:

—David J. Allee, professor of resource economics — resource economics, regional economics, regional development planning;

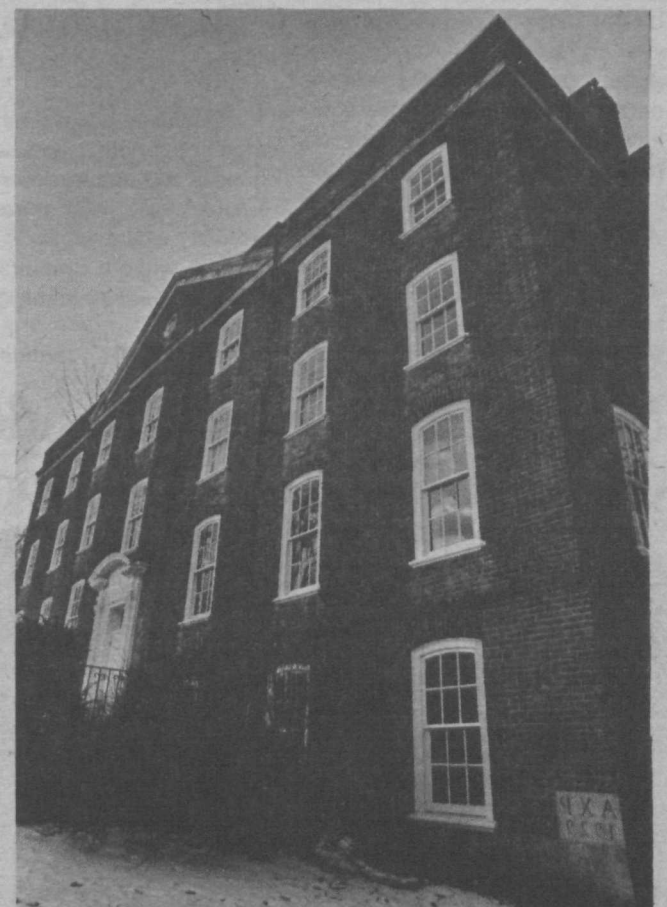
—Stanislaw Czamanski, professor of city and regional planning — economic analysis for planning, including urban growth models, regional social accounts, regional applications of input-output analysis, location theory, housing economics;

—W. Duane Evans, professor of economics — economic and social statistics, input-output analysis;

—William W. Goldsmith, assistant professor, policy planning and regional analysis — regional development planning and administration, economic analysis, urban and regional planning in developing countries;

—Isard — regional input-output analysis, gravity models, location theory, general social science theory;

—Jones, chairman, policy planning and regional analysis — urban and regional quantitative analysis, urbanization



PROGRAM HEADQUARTERS — The former Alpha Chi Rho fraternity at 726 University Ave. now houses Cornell's Center for Urban Development Research.

theory, planning theory, environmental health planning;

—Robert J. Kalter, associate professor, resource economics — economic evaluation of public investment, water projects, recreation, and environmental quality;

—Ta-Chung Liu, chairman, economics — econometrics, economic statistics;

—Courtney Riordan, assistant professor, city and regional planning — environmental health planning, comprehensive health planning, quantitative methods of economic analysis;

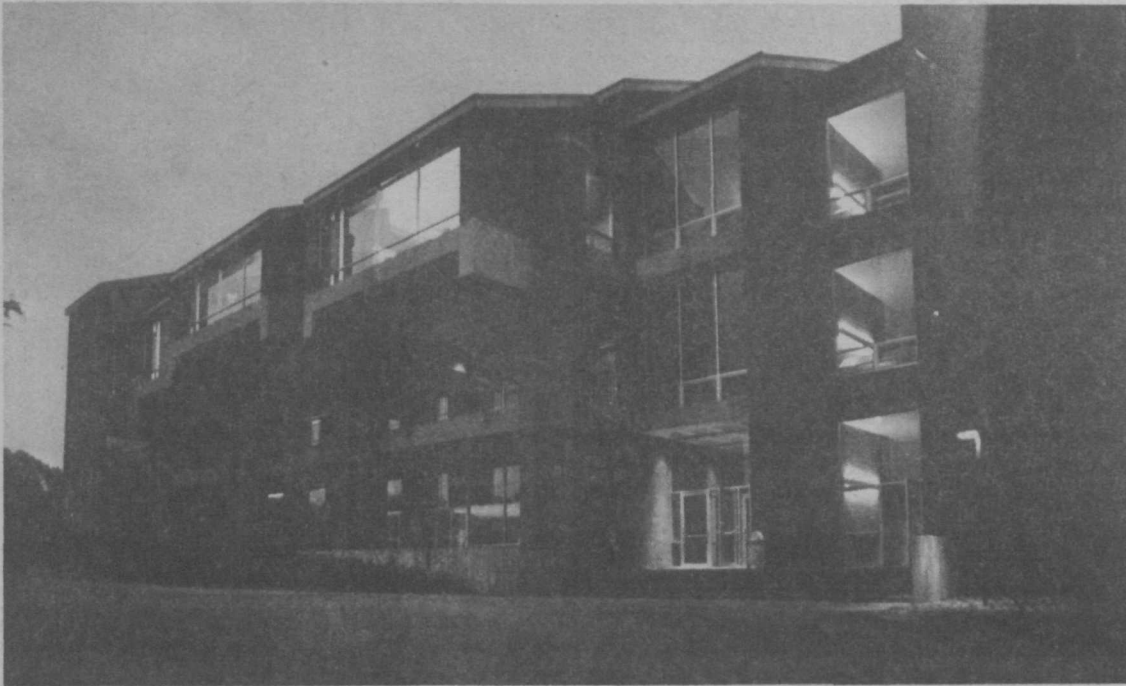
—Saltzman — quantitative methods and systems analysis in planning, computers and information-processing systems.



# Chronicle Comment

*Chronicle Comment is a forum of opinion for the Cornell community. Comment may be addressed to Kal M. Lindenberg, managing editor, Chronicle, 122 Day Hall.*

## North Campus Darkness Decried



*Editor:*

Since the beginning of fall semester, 1971, there have been numerous non-functioning bulbs in the lamps that are supposed to illuminate the grounds of the North Campus Union and the pathways between the North Campus dormitories. As time passes, progressively more bulbs are worn out.

No bulbs have been replaced, at least in the environs of the Union, since September of last year at the latest. The lighting there, inadequate at the best of times through what appears to have been a false economy in planning, is now totally insufficient for winter conditions.

I have drawn this matter to the attention of personnel of the North Campus Union mail desk, the first floor service desk, and

### *The Lighting Is Insufficient For Winter Conditions*

the second floor (manager's) reception desk (twice). Last semester, I spoke about it to Cushing Phillips Jr., the

University's Chief of Plant Operations, Buildings and Properties, and even to the Ombudsman.

All these people promised to do something. None has, except the Ombudsman, who also spoke to Cushing Phillips Jr., without effect.

*John Prebble, Grad*

## A Timely Quotation

*Editor:*

In keeping with the times, the following quotation has a familiar ring:

"Manifestly it is a time for the strictest economy; and heads of colleges and departments will be required to economize and retrench wherever it is at all feasible without impairing the quality of the instruction given to students."

Although it sounds like

### *'It Is a Time For the Strictest Economy'*

President Corson in 1972, it is a quotation from The President's Report 1903-1904 by President Jacob G. Schurman

*Mrs. Robert W. Storandt  
Development Office*

## Malcolm Elected President Of APA Eastern Division

Norman Malcolm, a Susan Linn Sage Professor of Philosophy at Cornell, has been elected president of the Eastern Division of the American Philosophical Association for 1972.

A member of the Cornell faculty since 1947, Malcolm specializes in the philosophy of mind. He is the author of "Ludwig Wittgenstein: A Memoir," 1958; "Dreaming," 1959; "Knowledge and Certainty," 1963, and "Problems of Mind," 1971, and has contributed to numerous journals and volumes of essays. He is an editor of the Philosophical Review, published at Cornell.

He served as chairman of the committee for philosophy for the award of lecturing and research appointments to foreign universities under the Fulbright-Hayes Act. Malcolm was chairman of the Department of Philosophy from 1965 to 1970.



*Norman Malcolm*

He was a member of the Educational Policy Committee of the College of Arts and Sciences in 1970-71. He was a member of the first University Senate.

## CAST Receives Grant To Bring Together Artists and Scientists

CAST, a Cornell program established only a year ago to support collaborations between artists and scientists, has reached \$45,000 in grants won.

No other multi-arts group in recent Cornell history has won as much outside support.

The most recent award, announced today by CAST President Joseph Scala, is a \$20,000 grant from the New York State Council on the Arts. The award will be spent in backing projects undertaken between now and June 30, 1972.

CAST — Collaborations in Art, Science, and Technology — has generated projects, performances and exhibits that have attracted a total audience near 100,000 people around New York State. CAST has supported 23 projects involving 70 artists and scientists. While the majority of CAST members come from the Cornell environment, others are involved at SUNY at Cortland, Columbia University, Syracuse University, Colgate University and Ithaca College.

The newest CAST grant sets aside \$9,000 for projects involving the collaboration between artists of any kind and scientists or engineers.

"These funds are available now," Scala said, "and we are accepting proposals from anyone with a project idea until Feb. 20. People needing assistance in setting up projects can reach the CAST office in 231-37 Sheldon Court. We're especially looking for projects that can be completed by the end of April, but we want very much to consider any project of any size that will offer a unique collaboration between artist and scientist."

Application forms and information are available at the Sheldon Court office at 412 College Ave., which is open from 2 to 5 p.m. Monday through Friday. There is no phone there now.

An ongoing CAST project of experiments in media and poetry has been allocated \$5,000. The project, Moveable Type, is under the direction of Thomas Hanna.

"Our project is set up now to involve poets, photographers, experimental sound technicians and others with special media interests," Hanna said.

Moveable Type gave eight performances around the state during the fall term, including two produced by CAST Productions on WCIC-TV locally.

Hanna is on the staff of the Department of Communication Arts and is editor of Human Ecology Forum in the New York State College of Human Ecology.

Also funded under the new grant is CAST Productions, which was awarded \$2,000 to continue developing television programs on art and technology. CAST Productions, headed by Todd Caso and Patsy Scala, broadcasts over WCIC-TV, cable channel 2 in Ithaca.

Caso is TV scriptwriter and Mrs. Scala is lecturer, both in Communication Arts in the College of Agriculture and Life Sciences.

## University Theatre

### *'Life Is a Dream' to Be Shown*

The most celebrated play in the history of the Spanish theatre will open the second half of the Cornell University Theatre's Winter Season on Thursday, Feb. 10. Calderon's "Life Is a Dream" (La vida es sueño) will be given in Drummond Studio in Lincoln Hall, Feb. 10-13 and 17-19 at 8:15 p.m.

Tickets for the great classic drama go on public sale today following a three-day scrip exchange for subscribers in the Theatre Box Office, lower floor of Willard Straight Hall. Box Office hours are noon to 3 p.m. Monday through Saturday. Telephone reservations may be made by calling 256-5165.

During the same years when the London theatre public was being treated to premieres of works by Shakespeare and Jonson, the theatre public in Madrid was enjoying the plays of Lope de Vega and Pedro Calderon de la Barca. The Golden Ages of the Spanish and English theatre took place at almost exactly the same time. The most popular and celebrated play of that great period, holding a position of esteem in the Spanish theatre roughly comparable to that of "Hamlet" in the English theatre, is Calderon's great philosophic drama, "Life Is a Dream."

The play's main theme, the transience of human life, ancient as man himself, is still proverbial in the

school child's round which ends, "Life is but a dream." On its simplest level, "Life is a Dream" is a sort of parable. Many of its elements — a prince locked in a mysterious tower, a dreadful prophecy, tests and disguises — suggest folk or fairy tales. On this level it introduces us to the insight which gives the play its title and the development of which gives the play some of its most stirring poetry.

Marvin A. Carlson of the Department of Theatre Arts is director. Setting has been designed by Wayne Lemmon. Winnifred Fallers is costume designer. Lighting design is by Fred Schwartz.

Appearing as Segismundo will be Christopher Reeve. Sharon Sauerbrunn will be seen as Rosaura. Basilio will be portrayed by Joseph Roach. Clotaldo, Rosaura's father and Segismundo's jailer, will be played by John Hostetter. The comic servant, Clarin, who adds an important dimension to the play, is portrayed by Ric Marsh. Rosaura's lover, Astolfo, will be played by Patrick Fraley. Susan Vosik will be seen as Estrella, whom Astolfo plans to wed to insure the crown for himself. Prison guards and attendants will be played by Kirk Shepard, Bill West, Ephraim Dlugacz, John Cowan, Serge Diversky, John Morehouse, Diane Eliasof and Anne Evans.



# Arthur Jaeger Named Dining Services Head

Arthur A. Jaeger, dining services manager at Cornell, has been appointed director of the University's dining services.

The appointment was made by William D. Gurowitz, vice president for campus affairs. Jaeger succeeds S. Russell Ryon, who was director of dining since 1957. He resigned to accept a position at George Junior Republic in Freeville. Jaeger has been acting director since Ryon retired last month.

A 1962 graduate of Cornell's School of Hotel Administration, Jaeger returned to Cornell in 1969 to become manager of dining services in Willard Straight Hall, Noyes Student Center, Hughes Hall and Sage Graduate Center.

He was food service manager at the University of Tennessee from 1966 to 1969 and at Princeton University from 1964 to 1966. From 1962 to 1964 he served as a first lieutenant in the U.S. Army Infantry.

Jaeger and his wife, Veronica, live at 107 Maplewood Dr. They have two children.



**WINTER SCENE** — This week's light snowfalls cover the path through Sapsucker Woods.

## Sculpture Near Clark Student Decorates Tree Stump

Joseph M. Rosen, a sophomore pre-medical student from Deerpark studying biology at Cornell, interrupted his routine walk past Clark Hall one day last September, entered the building, and went to the office of the chairman of the physics department — whom he had never met.

Rosen introduced himself to the chairman, Donald F. Holcomb, professor of atomic and solid state physics, and presented an idea — he wanted to build a welded steel sculpture and mount it on the massive stump of an oak tree next to the building. His reason was simple: "It bothered me and I wanted to put something on it."

"I discussed the idea and the site with Professor Holcomb in the morning," Rosen said, "and returned with drawings and models in the

afternoon. I had informal permission to go ahead with the sculpture by the end of that day."

After seeing the models, Holcomb conferred with other faculty members in Clark Hall as to the aesthetics of the project. The consensus was to let Rosen do the sculpture, Holcomb recalled. "It was quite a pleasant encounter because we managed to do the whole project with very little red tape," he said. "Rosen worked out the idea and did all the work on the sculpture himself for just a few dollars."

Rosen began work immediately. He was enrolled in an intermediate level sculpture course, but had no training or experience in arc welding. He overcame that obstacle with the help of James W. Cole, a graduate student in sculpture, who taught him in an "apprenticeship-type situation," Rosen said.

Several of Cole's welded and painted pieces are currently on exhibit throughout the winter months on the lawn in front of the Andrew Dickson White Art Museum.

Prone to concentrated effort, Rosen finished the sculpture within a month by putting in "30 to 40 hours a week" at the University foundry. "I'd work three days in a row on the sculpture, and then work on my other courses for the rest of the week." In addition, Rosen was holding down a part time job showing slides for an architecture professor.

In the foundry, Rosen worked from a variety of six to eight models made of styrofoam, clay and cardboard. While constructing the welded piece he would test out new shapes in heavy cardboard before cutting the 1/16 inch sheet metal.

"Fortunately, I could work on the sculpture during a month long period in between two organic chemistry prelims," he said, explaining away the possibility of serious time conflicts with his studies.

Toward the end of October, Rosen mounted the finished sculpture on a metal rod he had sunk into the stump. The sculpture could be rotated on its mounting and for the following week he tried out different positions. At the end of the week he took it down, protected the surface with a coat of clear rust inhibitor, and remounted it in a fixed position. A small plaque on the side of the stump identifies the sculptor of the unnamed piece.

Rosen describes the sculpture, a spiraling form which is about four feet high and a dull grey-black color, as resembling an outstretched wing reaching up from its base.

For the future, Rosen wants to be a plastic surgeon, which is, he explained, a combination of "fine arts, architecture and medicine."

Rosen, however, prefers to be doing something now, rather than talking about what he might do in the future.

## CICE to Evaluate Diploma Program

The Cornell Institute for Research and Development in Career Education and the Department of Education, College of Agriculture and Life Sciences, announce the implementation of a funded project "Evaluation of Selected Two-Year College Certificate and Diploma Programs," with Dr. Frederick Stutz, professor of education, as chief investigator.

Dr. John Wilcox, CICE Director, announced that the funds for this project, \$19,768, were made available under provisions of the Vocational Education Act Amendments of 1968 and were granted by the Bureau of Two-Year College Programs, New York State Education Department. The project has been designed to help carry out research suggested by the 1971 New York State Annual Program Plan for Vocational Education.

Stutz, assisted by Dr. Michael Closson, John Mallott, and Don Russell as Co-Investigators, will perform an intensive examination of full-time one- and two-year certificate and diploma programs in seven two-year colleges: Agricultural and Technical College at Alfred; Agricultural and Technical College at Delhi; Hudson Valley Community College; Orange County Community College; Sullivan County Community College; Tompkins-Cortland Community College; and Ulster County Community College.

It is neither the college nor the curriculum that will be evaluated. Rather it is 1) the conditions under which programs succeed in meeting local and regional needs at each school; 2) the feasibility of operating such programs at other two-year colleges in New York State; and 3) the degrees of coordination among secondary school and BOCES programs with the two-year college programs and the degrees of coordination between the programs and employment opportunities in the region and State.

The project has been funded to start Jan. 1, 1972 and will end with a Final Report due June 30, 1972.

## Lincoln Parking Lot Restricted

Effective Monday, Lincoln Hall parking lot will be restricted from 7-10 p.m. daily to vehicles with U permits.

## Florentine Chef Begins Statler Series

Cavalier Renato Ramponi, Chef de Cuisine at the Grand Hotel in Florence, Italy will "trigger-off" Statler PM's Guest Chef Series this spring.

Chef Ramponi, who arrived in

New York City recently leading his team of seven other Italian chefs, is here especially for the "Italian Fortnight" at the Rainbow Grill atop the RCA building from Jan. 20 to Feb. 5. Following this, while his team returns to Italy, Ramponi will proceed to the School of Hotel Administration at Cornell, where he will be the "Guest Chef" at Statler on Monday, Feb. 7.

With a long history behind his 40 years culinary career, Chef Ramponi, 51, began his training at a very early age entering a Hotel School in Rome in 1932.

Following this he went to San Remo as a commis de cuisine from 1934-1937 and then worked at the Excelsior, Florence, the Hotel Des Ambassadeurs, Rome, and the Principe Savoia, Milan as Chef de Partie.

Feeling that he wanted to

obtain experience outside his own country, Ramponi left for Switzerland and worked at the Seiler House in Zermatt and then at the Suvretta House in St. Moritz. He returned to Italy after acquiring this experience and for the past twenty years, Ramponi has worked as Chef de Cuisine at the Grand Hotel in Florence.

Ramponi has won many awards at various Gastronomic Festivals in London, Zurich and Frankfurt. At the moment he is working on a cookbook which is devoted to Regional Italian Cuisine.

Ramponi has designed especially for the diners here an exclusive "Italian Classical Menu" featuring the dishes from many provinces of Italy. He will personally supervise the students from two food production classes in the School of Hotel Administration on Monday, Feb.

7 to prepare the selected Italian menu.

For reservations or information, call 256-2331 and our Statler PM will be most happy to answer any queries.

Some of the Chefs scheduled for the spring semester include:

—Yvan Gregoire from Canada who invites you to bring your sweetheart on Valentine's Day (Feb. 14) to the "French Night Series" featuring "La Cuisine de Normandie." Gregoire will also be featuring four other French nights featuring the different foods from other provinces during the semester.

—Chef Conrado A. Escudero of the Philippines will be "Guest Chef" on Feb. 21, featuring "South Seas Exotics."

## Career Calendar

Applications for senior Fulbright-Hays awards for lecturing and research during 1973-74 in about 80 countries will be accepted this spring. Educators who have doctorates or college teaching experience can indicate interest by completing a registration form available from: Senior Fulbright-Hays Program, 2101 Constitution Ave., N.W., Washington, D.C. 20418. DEADLINE for applying for research awards is July 1, 1972. That is the suggested date for filing for lectureships.

Sign-ups are now being taken at the Career Center for interviews with the following schools:

Syracuse University School of Library Science, Monday, Feb. 7 (10 a.m. to 1 p.m.).

Institute for Paralegal Training, Friday, Feb. 11 (9 a.m. to 2:30 p.m.).

Antioch-Putney Graduate School of Education, Monday, Feb. 14 (9:30 a.m. to 4:30 p.m.).

**Keep Up With Cornell;  
Read the Chronicle  
Thursdays**



# ILR Associate Degree Students to Visit Here

Continued from Page 1

The Cornell Board of Trustees, at its January meeting, voted to give full Cornell credit for the special industrial and labor relations courses taught by ILR faculty in the Empire State program. The students in the two-year associate degree program are also required to take a number of courses in addition to those given by the ILR faculty. The ILR faculty taught four courses during the fall term and is teaching five courses this term.

The student leaders will meet with the ILR's faculty ad hoc committee on the associate degree for the evaluation of the ILR school's part in the Empire State program.

The committee includes McKersie; Maurice F. Neufeld and Felician Foltman, both professors of industrial and labor relations; Robert L. Bronson, professor and chairman of the Department of Labor Economics and Income Security; Mathew A. Kelly, professor of industrial and labor relations, and Louis Perl, assistant professor of industrial and labor relations.

Also on the committee are Leopold Gruenfeld, and Alice H. Cook, both professors of industrial and labor relations. Gruenfeld directed the ILR program in New York City last term and Mrs. Cook is the director this term.

During the two days on campus the student leaders will also meet with members of the ILR School's Advisory Council, a group of ILR school alumni and leaders in management and labor that meets three times a year to assist the faculty and administration in planning the future of the school.

## Extension Releases Film on Environment

The rising concern over the quality of the environment and steps being taken by individual citizens, institutions, and governments to meet the challenge are told in a new educational film just released from Cornell.

Sponsored by Cooperative Extension at Cornell, the film, "Our Environment: Everybody's Business," was produced by the Motion Picture Film Center of the Department of Communication Arts at the New York State College of Agriculture and Life Sciences and the New York State College of Human Ecology.

Intended for general audiences and for television presentation, the color film brings into focus some of the positive actions being taken to upgrade environmental quality, featuring many different people.

Highlights of the scenes include a cooperative effort to clean up a polluted creek that runs through the center of

Amsterdam, and the savings of trees in new housing areas in Saratoga. Community and industrial leaders in Syracuse are shown meeting in a Cooperative Extension workshop to discuss ways in which they can contribute to environmental decisions.

The film also shows how agriculture is doing its part in increasing production while protecting the environment through research geared to develop biological pest control methods and other alternatives to harmful pesticides.

The Cornell film, which runs 13 and one-half minutes, was produced by Richard G. Turner, educational film producer in the Department of Communication Arts. Robert Earle, former moderator of the "GE College Bowl" television series is the narrator.

It is available for loan from the Film Library in the Department of Communication Arts, Roberts Hall, Cornell University, Ithaca, N.Y. 14850.

## Sage Notes

If you expect to receive a Ph.D. this year, you may wish to be listed in a bulletin sent to over 4,000 employers. Interested students should see Mrs. York at the Career Center soon.

All graduate students in Ph.D. programs who expect to complete their third year of residence at the end of this term and who have not tried the Admission to Candidacy Examination should plan to do so before next September. The rules of the Graduate Faculty require that this examination be attempted before the student can register for the start of his fourth year of residence.

## Hearing On Public Events

The Cornell University Senate's Subcommittee on Organizations and Public Events will hold a public hearing at 7:45 p.m. Wednesday in the Multipurpose Room of the North Campus Commons.

Among the topics that may be discussed are concerts and cinema on the campus, the programming of events by University Unions and the funding of student activities.

Opinions about any area relating to student organizations and public events on the campus will be welcome. All members of the Cornell community are invited to attend.



*The Glee Club sang before a full house in the Belgradski Studentski Center in Belgrade, Yugoslavia. The concert was sponsored by the Branco-Krsmanovic Choir, a student choir of professional quality from Belgrade University. The choir has twice toured the United States.*

During the Cornell Glee Club's three week January tour of Czechoslovakia, Hungary, Yugoslavia, Austria and Germany, the medium was choral music but the message was as much to the heart as the ear.

"We traveled in Europe to perform music," said glee club member Barry D. Rose, a senior in the New York State School of Industrial and Labor Relations, "but what was most rewarding was the reception we received — both as a group and as men — from the people we met."

One of the club's warmest concert receptions came in Budapest, where, ironically, the men were most unsure of what to expect, according to John C. Nicolls, a senior majoring in architecture and student manager of the club for the past two years.

The diplomatic situation was ticklish and the American Embassy was afraid the concert hall would be empty, Nicolls explained.

"We were the first American group allowed to perform in Hungary in two years because the Hungarian state concert agency had a policy prohibiting either American or Russian groups from performing. If we were too successful or attracted too much notice, the agency was concerned the Russians would demand 'equal time.' Consequently, the University Choir of Budapest, which sponsored us, was allowed to put up only one poster. Instead, the choir sent invitations to other choirs and choral groups in the city. The audience applauded so often we hardly had a chance to sing," he said.

Not all receptions were so generous or spontaneous. At the Czech border, uniformed guards delayed the men for two and a half hours, haggling over discrepancies between recent visa photos and the older passport photos of five men. The guards insisted on having the five return to a barber shop five miles back down the road for a shave and a haircut.

The club members were further unsettled by the sight of police dogs, submachine guns, barbed wire and a convoy of Russian army tanks — "the real 'Big Red,'" one dispirited Cornellian quipped.

The men finally passed the border, with the help of their German bus driver, who negotiated safe passage by giving the Czech guards cartons of German cigarettes.

Tired and hungry after 12 hours on the road without a meal, the club arrived at Dvorak Hall in downtown Prague three quarters of an hour late for their concert. Wearing their traveling clothes until they could make a quick change into tuxedos at intermission, the Cornellians nevertheless won the enthusiastic approval of the audience with a rendition of a well known Bohemian marching song — in the native language.

Two songs by the Czech composer Leos Janacek were sung in Czech and elicited "a magnificent response," according to Nicolls, who credited Karel Husa, a native of Prague and a professor of music at Cornell, with helping the glee club perfect their

pronunciation of the songs.

As the club worked through its itinerary, the men began to pick up the flu as well as bronchial coughs, possibly from soft coal dust prevalent in the Eastern European cities. Their schedule carried them back and forth between Eastern and Western European countries.

"We were changing languages, climates and currency every two days," said Nicolls.

While in Prague, singing with the Prague Male Choir during the choir's four-hour rehearsal session, the men were pleased to find they "compared quite well" with the choir's older, more mature male voices. Most of the men in the glee club are 18 or 19; the average age of the choir is about 26. Thomas A. Sokol, director of the club and a professor of music at Cornell, completed the musical exchange with a swap of musical scores with their conductor.

"Eastern European repertoires are hard to get," Nicolls explained, "and we tried to exchange scores whenever possible. We received many works previously unknown to us, and now our repertoire is much richer."

Before leaving Czechoslovakia, the club sang in Brno, a city southeast of Prague near the Austrian border, under the sponsorship of the University Choir of Brno. The choir is scheduled to perform in New York's Lincoln Center this April, coming to Cornell on April 8.

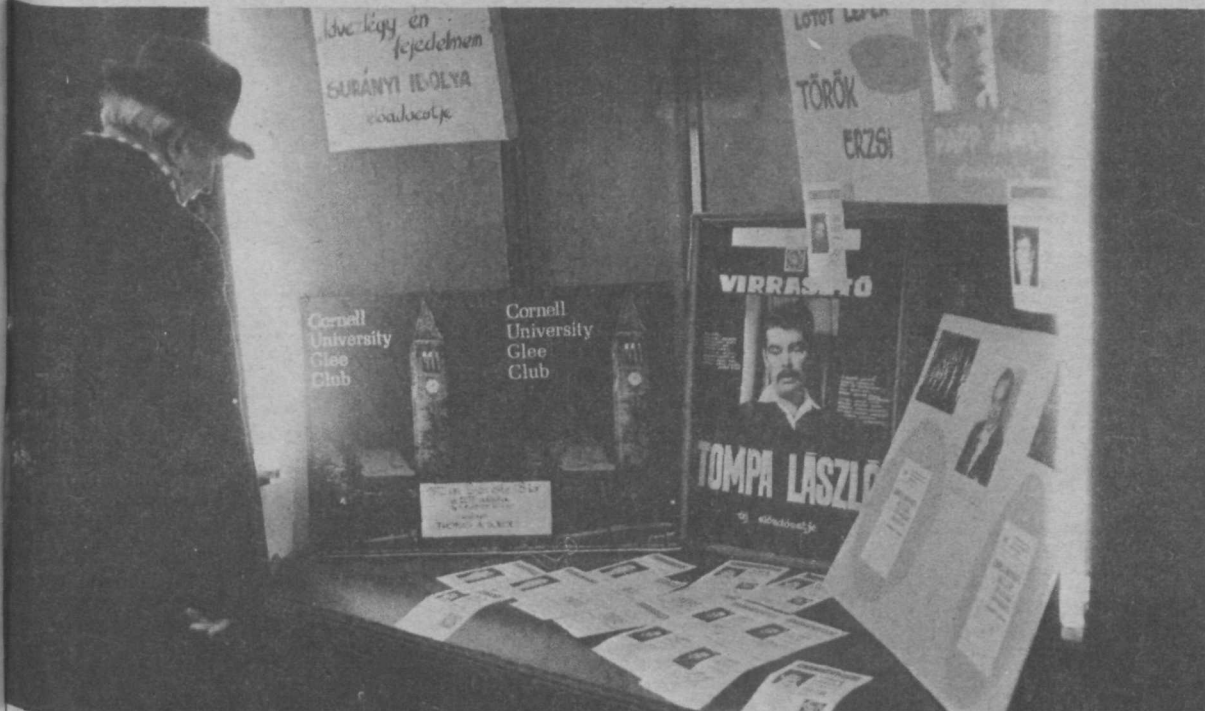
Not all music, however, translates completely from one culture to another. While in Belgrade, Yugoslavia, half the club was treated to an experimental production of "Hair" in Serbo-Croatian, and the others went to see "Porgie and Bess" — also in Serbo-Croatian. Although intrigued with the performances, the consensus seemed to be: "They just don't have an American sense of rhythm."

Probably the most unforgettable individual encountered during the three weeks was a young English-speaking man who accompanied the men on their rented bus from Belgrade to Maribor, Yugoslavia, the final city on the itinerary. He was particularly appreciated because he translated for the driver, managed the baggage, and helped the club with food and lodging in a Maribor hotel. The men assumed their "guide" was provided by the bus company; the driver assumed he was with the glee club. It was not until the club was settled to dinner that a second driver with the same bus company asked Nicolls where their guide was: "Our guide?" Nicolls asked.

On the excuse of forgetting his coat in the room of one of the men, the imposter had prevailed upon the hotel desk clerk to give him the room key. The deception was uncovered after the "guide" had disappeared with a passport, two dozen rolls of exposed color film and a camera. The Yugoslav police were brought in, but nothing has been recovered.



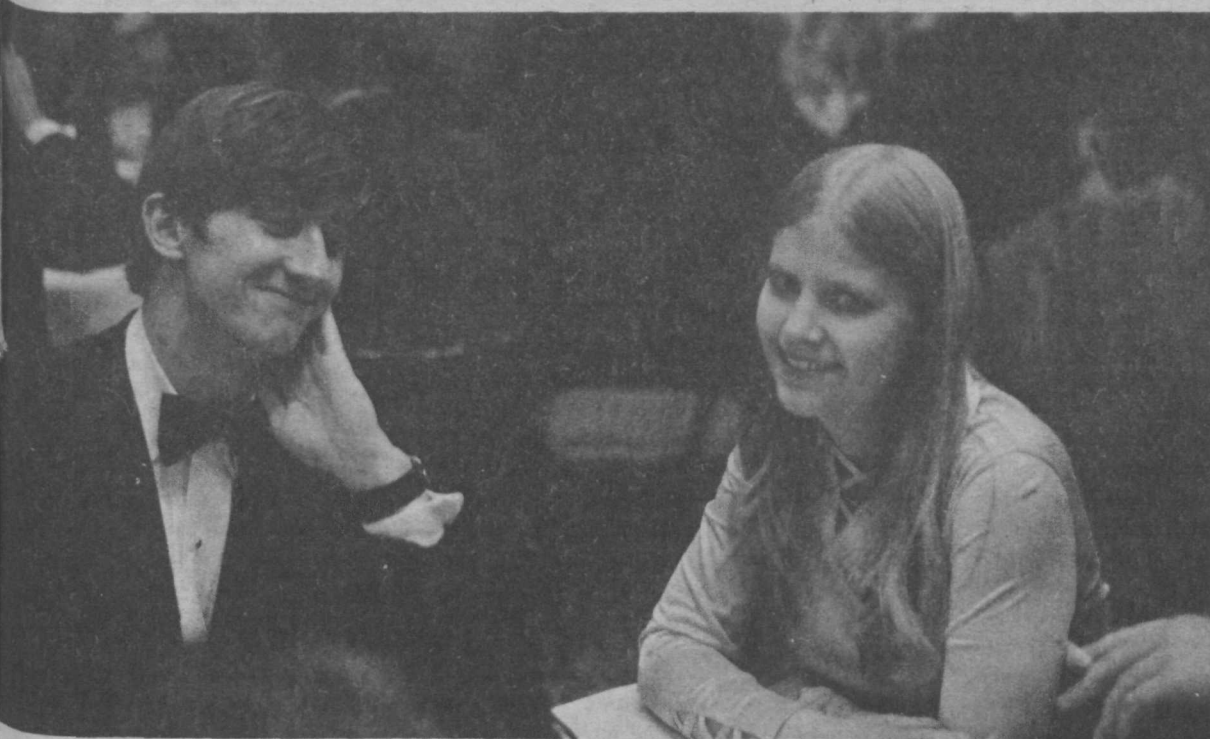
# Glee Club Tours Eastern Europe



In Budapest, an elderly man looks at the only public advertisement of the Glee Club concert allowed on display in that city. Government control of the performance was aimed at discouraging attendance. Despite this restriction, the 500-seat concert hall was filled.



Glee Club director Thomas A. Sokol conducts an impromptu concert inside the cathedral at Estergom, a city outside of Budapest, to demonstrate "cathedral acoustic," which in Estergom included an eight second reverberation.



From the pleased expression on the face of Gary M. Stuhlmiller at an after-concert reception in Brno, Czechoslovakia, music was not the only international language on the tour. The woman is Barbora Trlikova, of the University Choir of Brno. The choir will appear at Cornell in April.

## Prof Finds Pollution Related to Acid Rain

Continued from Page 1

Likens came to his conclusions during studies he conducted with F. Herbert Bormann, professor of forest ecology at Yale University, and Noye M. Johnson, professor of geology at Dartmouth College.

Precipitation — both rain and snow — in a seven-state area have shown that acidity was between 10 and 100 times greater than might be expected, Likens said. The seven states covered are Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut and New York.

Similar results from studies conducted in Sweden show that acidity in precipitation in that area has increased about 200 times since 1956. Scandinavian scientists found that the increased acidity of precipitation in their countries resulted in greater loss of nutrients from soils and acidification of lakes and streams which caused deaths of salmon and trout. It also resulted in decreased growth of forests and corrosion of buildings and other structures.

In Sweden, corrosion of buildings and structures alone caused damage amounting to 1 per cent of that country's gross national product.

The acidity of precipitation in the Scandinavian countries is blamed on industrial air pollution in England and the Ruhr Valley in West Germany. Air masses from these regions are swept by the prevailing winds to northern Europe.

The scientists said they are very concerned that the magnitude of the problem in the northeastern part of the United States may have already reached the proportions observed in Scandinavia. The problem they said, has serious implications and it is very necessary to try promptly to evaluate its effects.

They urged that there be no loosening of present air quality control standards as is being suggested in some quarters. They also urged that a massive study be made to determine what effect this acidity has on life in land and water ecosystems.

Data indicating the trend toward acidity in precipitation are expressed in what are called pH values. These values are a measure of hydrogen ion activity. Briefly, water slightly ionizes or converts into ions, yielding hydrogen and hydroxyl ions. Ions are electrically charged particles.

When the activity of these ions is equal, water is neither acid nor alkaline and is said to be neutral. This neutrality point is represented by the pH value of 7, which actually varies slightly according to temperature. Water becomes increasingly acidic at pH values below 7 and increasingly alkaline at values above 7. There are 10-fold differences between each unit. For example, pH6 is 10 times more acid than pH7, and pH5 is 100 times more acid than pH7.

According to measurements, rainfall in the seven-state area has an average pH of between 3.5 and 5 as it reaches the earth's surface.

In a related project, Robert H. Whittaker, professor of biology at Cornell, reported that there was a rapid decline in productivity in a 7,500-acre forest in the Hubbard Brook area of New Hampshire during the 1961-65 period. A somewhat slower decrease was reported in the preceding decade, Whittaker said.

Since the 1961-65 period was a period of dry weather, Whittaker said, it cannot accurately be determined what part of the lack of growth is due to acidity and what part was due to lack of water. He described the forest studied as representative of New England forests as a whole.

## Employees May Get Break On Extramural Course Cost

Full-time Cornell employees related.

Present Cornell policy allows full-time employees to take up to four credit hours of non-job-related courses provided that he: — receives permission to do so from his supervisor and the Office of Personnel Services; — makes up time lost from work;

— pays the regular Extramural Division tuition (now \$70 per credit hour); — gets approval from the Extramural Division that there is room in the course after all regular students are enrolled; — meets any requirements for the course

According to the committee, only 11 employees were registered during the past year for 37 credit hours in non-job-related courses.

related.

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— gets approval from the Extramural Division that there is room in the course after all regular students are enrolled;

— meets any requirements for the course



# Bulletin of the Faculty

(Publication of this Bulletin is supervised by the Secretary of the University Faculty Robert M. Cotts, 315 Day Hall, 256-4843.)

## Call to Meeting

Faculty Council of Representatives  
Wednesday, February 9, 1972  
4:30 p.m., Room 110 Ives

### Agenda:

1. Cornell Senate Bill to Protect Against Discrimination due to Observance of Religious Holidays. Bill No. SA-42 (A-133) dated February 11, 1971.  
(This bill will be presented with recommendation from the Executive Committee that it be referred to the new Committee on Freedom of Teaching and Learning.)
2. Report and Recommendations of the Committee on Grading.  
The report and recommendations, which deal mainly with S/U grading, appeared in the January 27, 1972 issue of the Chronicle.

Donor Registration Blank  
Tompkins County Blood Program  
American Red Cross

please print:

Mr. \_\_\_\_\_  
Mrs. \_\_\_\_\_  
Miss \_\_\_\_\_  
(last name) (first name) (middle)  
(local address) (phone number)  
(city) (state) (date and place of last donation)  
Age \_\_\_\_\_  
(between 18 and 66) (place of business)  
Desired appointment time: \_\_\_\_\_ minimum weight: 110 pounds

Boxes are located at the Alpha Phi Omega office (Room 21, Willard Straight Hall), the Straight Desk, Noyes Center Desk, North Campus Union Desk, lobby of Goldwin Smith Hall.

## Red Cross to Hold Blood Drive

The Tompkins County Red Cross will hold a blood drive on campus Wednesday, from 9 a.m. to 3:30 p.m. in the Memorial Room of Willard Straight Hall.

All persons between the ages of 18 and 66 are eligible if in good health. Persons with diabetes, high blood pressure, jaundice or malaria are ineligible, as are persons who have donated blood within eight weeks of the drive.

Those wishing to donate can call either the Red Cross office, 273-1900, between 9 a.m. and 5 p.m., or the Alpha Phi Omega office in Willard Straight Hall, 257-1677. Or they can fill out the form above and leave it at one of the locations listed

## Public Hearing To View Student Health Insurance

A public hearing to consider the possibility of instituting compulsory expanded health insurance for students at Cornell University will be held Wednesday at 7:30 p.m. in the Art Room of Willard Straight Hall.

Complaints or suggestions concerning any aspect of University Health Services will be heard, including views on such matters as birth control and abortion policies and the expansion of the health services to include the spouses of married students.

Sponsoring the hearing will be the Senate's Board on Student Health.

or mail it to Alpha Phi Omega, Red Cross Blood Drive, Room 21 Willard Straight Hall, Cornell University, Ithaca, N.Y. 14850.

## ILR School Schedules Series Of Manpower Planning Talks

A spring term series of five seminars on manpower planning has begun at Cornell.

In addition to students and faculty, professionals and practitioners from manpower and human resources agencies will take part in the seminars, sponsored by the Manpower Research Program of the New York State School of Industrial and Labor Relations (ILR) at Cornell.

The first seminar took place yesterday evening. James G. Scoville, a professor in the Department of Economics and the Institute of Industrial Relations at the University of Illinois, gave a paper and led a discussion on the topic "Forecasting and Data Needs for Manpower Planning." Commenting on Scoville's paper was Herbert S. Parnes, a professor in the Department of Economics and the Center for Human Resources at Ohio State University.

The objective of the first seminar, according to Robert L. Aronson, director of the program, was to critically examine the process of manpower planning in the United States and its relationship to the

effectiveness of national manpower policies. Other seminars will consider organizational factors in manpower planning, the integration of manpower and economic planning, the politics of manpower planning, and alternative future strategies in planning manpower programs, according to Aronson, who is professor and chairman of the Department of Labor Economics and Income Security at the ILR School.

The Manpower Research Program was established in 1970 under the institutional research grant program of the Manpower Administration, U.S. Department of Labor. The program provides support for faculty and graduate student research in the field of manpower and related fields.

The dates and topics of the other seminars, which will all start at 3 p.m. in Room 105 of the Conference Center, are: Organizational Problems in Manpower Planning, March 30; Politics of Manpower Planning, April 10; Manpower Planning and Economic Planning, and Future of Manpower Planning, April 27.

## Roller Derby Coming to Cornell



**ROUGH AND ROLLING** — The Roller Derby will come to Cornell Tuesday as the Chiefs battle the Eagles in Barton Hall on the campus. The event will begin at 8 p.m. Tickets are on sale at the Willard Straight Hall ticket office and at Mayer's Smoke Shop. They also will be sold at the door.

## Despite Budget Tangle

## Action Corps to Recruit

Representatives of the new agency, Action, which includes Peace Corps and VISTA, will make their Spring semester visit to campus Feb. 15-17 in the midst of speculation that Peace Corps may have to take a surgeon's knife to itself if Congress does not approve its annual budget request.

"A few weeks ago the news media carried a story reporting that Peace Corps was pulling out of some countries and reducing the total number of volunteers abroad by 50 per cent," said Seth Kurn, an Action representative.

"No one is packing his bags yet," claims Kurn, "but a lot of people are, understandably, uptight." The representative noted that many of the news stories implied that people were already on their way home when, in fact, the Peace Corps had announced plans to make cutbacks if the budget is reduced.

Kurn reported that the issue would be resolved within the next few weeks.

"We got caught in the headwind of foreign aid cuts," he said. "VISTA's budget hasn't been cut and there's no solid evidence that this is a step in the direction of general reduction of volunteer programs."

Kurn said that in coming years Action would have a budget of its own and not be dependent on the moods of giant parent agencies like State Department or OEO.

Joining Kurn at Cornell will be Charlotte Sobel, Bill Brown, Russ Staples, and Fred Druck. The representatives are especially interested in talking to civil engineering, architecture, agriculture, and business and hospital administration majors, although students with other skill backgrounds are also encouraged to stop by the Placement Office for interviews Feb. 15-17. A booth will be set up in Mann Library Feb. 14-16.



## In Anthropology, Asian Studies

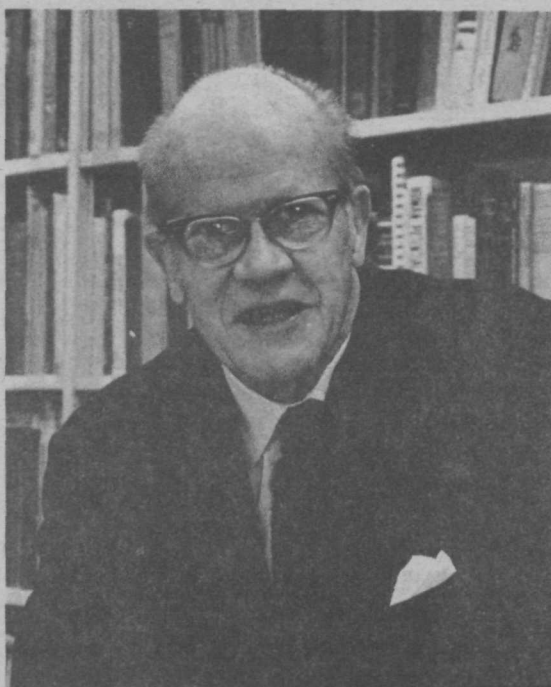
# Sharp Gets Goldwin Smith Chair

Lauriston Sharp, a pioneer in applied anthropology, has been named the Goldwin Smith Professor of Anthropology and Asian Studies in the College of Arts and Sciences.

The Board of Trustees awarded Sharp the endowed professorship, effective July 1, during its January meeting.

Alfred E. Kahn, dean of the College of Arts and Sciences, said, "Professor Sharp is recognized as an authority in the anthropology of the Far Eastern and Pacific peoples and has been described as a learned diplomat, a cultivated scholar, a remarkable teacher and a great person."

Sharp is the co-author of "Siamese Rice Village" (1953), the Human Relations Area Files "Handbook on Thailand" (1956), "The Dream Life of a Primitive People" (1967), and the forthcoming "Bang Chan: A Social History of a Siamese Village." He has written studies, articles and reviews on the cultures and political problems of Southeast Asia and the Western Pacific for various professional journals and for the American Institute of Pacific Relations.



Lauriston Sharp

## Hwa-Chung Torng Promoted To Full Professor of E.E.

Hwa-Chung Torng has been promoted from associate professor to professor in the School of Electrical Engineering.

Torng, who has been a member of the Cornell electrical engineering faculty since 1960 when he received his doctor of philosophy degree, is regarded as one of the outstanding and effective teachers in his school, the largest in the College of Engineering.

Torng, who was born in Kiagsu, China, was graduated from the National Taiwan University in 1955 with a bachelor of arts degree. He came to the United States, having been awarded a \$5,000 fellowship from the Li Foundation of New York City, to earn his master of science degree which he received from Cornell in 1958. He remained to pursue his doctorate in electrical engineering.

During the 1966 spring term, he was a visiting professor at the Advanced Engineering Center at the National Taiwan University where he helped initiate research and graduate instructional programs in electrical engineering.

## Rodriguez Named Full Professor

Ferdinand Rodriguez, a member of the Cornell faculty since 1958, has been promoted to the rank of professor in chemical engineering.

A 1950 chemical engineering graduate of the Case Institute of Technology, now Case Western Reserve University, Rodriguez also earned his master of science degree in chemical engineering there in 1954 and his doctorate in chemical engineering at Cornell in September, 1958.

Upon completion of his bachelor's degree, Rodriguez spent four years as a development engineer and director of new product development for the Ferro Chemical Corp. in Bedford, Ohio. He has had additional industrial experience as a research engineer with the silicone division of Union Carbide Corp. during his 1964-65 sabbatical leave. At the present time, he is on leave for the fall term with the Plastics Division Research Center of Imperial Chemical Industries Ltd. in London, England.

England.

His interests in educational affairs at Cornell's College of Engineering have included service as a freshman adviser and lecturer in the freshman engineering courses. He has developed unique modelling techniques to teach behavior of polymeric molecules and has developed numerous courses at the undergraduate and graduate level.

In 1966, the Cornell Society of Engineers, a group of engineering alumni, awarded Rodriguez its annual \$1,000 "Excellence in Teaching Award" in recognition of his reputation as an outstanding engineering teacher.

For the past seven years, Rodriguez has supervised 13 doctor of philosophy theses, approximately one-third of the output of the School of Chemical Engineering during this period. He has also served as an adviser for over a dozen master of science candidates.



H. Peter Kahn

American citizen in 1943 and served three years in the U.S. Army during World War II. He studied under the painter Hans Hofmann from 1947 to 1949.

## Trustees Promote Five to Associate Professor

### Marjorie Devine, Nutrition

Mrs. Marjorie Mealey Devine of the Department of Human Nutrition and Food at the New York State College of Human Ecology at Cornell has been promoted to the rank of associate professor by recent action of the Board of Trustees.

A native of Dover-Foxcroft, Maine, Mrs. Devine earned the B.S. and M.S. degrees from the University of Maine, and the Ph.D. degree from Cornell in 1967.

In addition to teaching courses in perspectives on food and nutrition for both undergraduate and graduate students, Mrs. Devine has served as chairman of the Academic Services Committee; and has been a member of the Search Committee for Community Service Education health education personnel; College Research Committee; and Home Economics Education Curriculum Committee.

She is also a member of the University Committee for Academic Integrity.

### Jerome E. Hass, Economics

Jerome E. Hass, a member of the Cornell faculty since 1967, has been elected associate professor of economics and finance at Cornell's Graduate School of Business and Public Administration (B&PA). Effective July 1, the appointment was approved at the January meeting of the University Board of Trustees.

Born in Minneapolis, Minn., Hass graduated from St. Mary's College in Winona, Minn., in 1962.

Hass has professional interests in the areas of economics, finance, pollution control and natural resource utilization. He is the author of numerous articles appearing in various professional journals.

For the past year and a half he has been a member of a National Science Foundation-sponsored interdisciplinary research team which is evaluating the options, costs, environmental consequences and possible constraints on meeting the energy requirements of the expanding economy.

### Marion E. Minot, Education

Miss Marion E. Minot of the Department of Community Service Education at the New York State College of Human Ecology at Cornell has been promoted to the rank of associate professor by recent action of the Board of Trustees.

A native of Belgrade, Maine, Miss Minot received the B.S. degree from Farmington State Teachers College and the M.S. and Ph.D. degrees from Cornell.

Prior to joining the faculty in Community Service Education, she taught at the University of Maine. Miss Minot teaches courses in curriculum development, and analysis of teaching and supervision; and supervises field work in teacher education.

She has served as chairman of the Ad Hoc Interdepartmental Committee on Preparation of Home Economics Teachers, and as a member of the Community Service Education Departmental Council, the Search Committee for Department Chairman, and the Committee on Undergraduate Education.

### Yervant Terzian, Astronomy

Yervant Terzian, assistant professor of astronomy at Cornell and assistant director of the University's Center for Radiophysics and Space Research (CRSR), has been promoted to associate professor of astronomy, effective Jan. 1, 1972.

Terzian, who has been with Cornell since 1965, has made many important contributions to the understanding of the interstellar medium, the vast area between the stars which once was thought to be empty but which has been shown to contain vast amounts of matter in the form of dust, gas and recently of complex molecules.

Born in Alexandria, Egypt, Terzian is of Armenian origin. He earned a bachelor of science degree in 1960 at the American University of Cairo. He came to the United States that year and earned a master of science degree in 1963 at Indiana University. Two years later he was awarded a doctor of philosophy degree from Indiana.

### L. J. Thomas, Business

L. Joseph Thomas has been elected associate professor of production and quantitative analysis in the Graduate School of Business and Public Administration (B&PA).

The appointment, approved at the Jan. 21 meeting of the University Board of Trustees, becomes effective July 1.

Thomas joined the B&PA faculty in 1967 as an assistant professor. Born in Barnesville, Ohio, he was graduated with a bachelor of science degree from Carnegie Institute of Technology (now Carnegie-Mellon University) in 1964. He received his doctorate from Yale University in 1968.

His research is in the area of quantitative analysis in business, and he has published articles in "Management Science" (Series A and B), "The Journal of Financial and Quantitative Analysis," and "INFOR", the journal of the Canadian Operations Research Society. Thomas has participated in executive programs in sales forecasting.



# The Senate Page

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

## Recommendation for an Increase From The General Fee for Student Activities

SA-116  
(B-159-b)

The Cornell University Senate recommends that there be a \$1.50 increase from the General Fee for undergraduate and graduate student activities starting 1972-1973 with the revenue from such increase

being divided in the following way: the Undergraduate Finance Commission to receive all of the increase for undergraduate students plus one-third of the increase for graduate students, and the Graduate Coordinating Council to receive two-thirds of the increase for graduate students.

## 1972-73 Budget for the Division of Campus Life

SA-115  
(B-156-b)

### I. UNDERSTANDINGS AND REVISIONS

The Cornell University Senate approves the 1972-73 budget (See Section IV) for the Division of Campus Life including the following understandings and revisions:

#### UNDERSTANDINGS:

1. That the budget for the

Guidance and Testing Center will be \$45.7 thousand (excluding fringe benefits).

2. That the budget for the Reading-Study Center will be \$23.1 thousand (excluding fringe benefits).

3. That the budget for the Office for Coordination of University Religious Affairs (OCURA) will be \$42 thousand (excluding fringe benefits).

## Senate Calendar

Thursday, Feb. 3 — Educational Innovation Public Hearing, 246 Goldwin Smith, 4 p.m.

Friday, Feb. 4 — Minority and Disadvantaged Interests Committee, WSH International Lounge, 3 p.m.

Tuesday, Feb. 8 — Religious Affairs, Blue Room, Anabel Taylor, noon. Cornell University Senate Meeting, Kaufmann Auditorium, 7:30 p.m.

Wednesday, Feb. 9 — Board on Student Health Public Hearing, WSH Art Lounge, 7:30 p.m. Parking & Traffic Subcommittee, Open Hearing, G-17 Barton Hall, 1 p.m.

4. That appropriate unrestricted funds (\$3000 for 1971-72) will be available for the Central Reservations Coordinator's Office within the Department of University Unions.

5. That profits from the Risley College meal plan shall not be diverted into other areas of the Dining budget.

#### REVISIONS:

That within the Student

Activities, Organizations and Orientation budget of the Office of the Dean of Students the following reallocation of priorities occur:

- (a) \$1,200 for orientation of new international students be in the budget.

- (b) \$300 for orientation of new graduate students be in the budget.

- (c) \$1,500 for the (new-student) convocation be cut from the budget.

(NOTE: The budget total is unaffected by these revisions.)

### II. ADDITIONAL ALLOCATIONS

The Senate requests additional allocations for the following items in order of priority:

1. \$300 for an experimental cassette audio-tutorial program in the Reading-Study Center.

2. An additional \$150 for the Faculty Speakers program within the Student Activities, Organizations, and Orientation budget of the Office of the Dean of Students.

3. \$2000 as the International Students Office share of the salary of the director of the International Living Center.

4. \$1975 which together with a part-time salary and some hourly funds would support a 9 1/2-month receptionist-secretary in the International Students Office.

5. An additional \$6,000 for the women's intercollegiate teams in the Department of Physical Education budget.

6. \$3,500 for a half-time assistant in counseling activities in the Office of the Dean of Students.

7. An additional \$1,500 for the (new student) convocation in the Student Activities, Organization, and Orientation budget of the Office of the Dean of Students.

(Total additional allocations requested amount to \$15,425.)

### III. BUDGET GUIDELINE CHANGES

The Senate Recommends the following changes in the budgetary guidelines:

1. That the Student Housing Enterprise budget receive \$20,000, that amount being an estimate of the interest earned

## Proposed Agenda

1. Announcements.
2. Minutes (Vol. II, No. 14 — November 23, 1971).
3. Agenda.
4. B-168-a — Resolution to Extend Educational Opportunities for Employees.
5. B-145-b — Holiday Decoration Bill.
6. B-161-a — An Act to Unify and Expand the Student Code and the Regulations for the Maintenance of Public Order.
7. B-139 — "The Best Use of All Facilities" Act of 1971.
8. B-119-a — The Judicial Boards Membership and Selection Act of 1971 (for informal consideration only).
9. B-169-a — Constitutional Amendment to Change Dates of Senate Year (for informal consideration only).
10. Other Business.
11. Adjournment.

on housing income in excess of funds used to meet current expenses. (This transfer would represent the start of a proper accounting of total income to an enterprise budget.)

2. That the Student Housing Enterprise Budget receive \$5,000 from unrestricted funds as partial support of the resident advisers (RA) program. (In this case this change in funding is for a part of the RA program which is not related to the function of the Housing program.) Subsequent to the approval of Items III. 1 and 2 the income to the Student Housing Enterprise Budget shall be decreased by \$25,000 as a result of there being no general 1% increase in undergraduate room rents (such an increase is included in the budget prepared by the Vice President for Campus Affairs.)

3. That a credit of \$20 in unrestricted funds per each additional informal user of the facilities of the Department of Physical Education be added to the income of that Department. (An estimated increase by 300 in the number of informal users for 1972-1973 would provide an additional income credit of \$6000.)

## Senate Actions — Jan. 25, 1972

ACTION NUMBER	TITLE	SPONSOR	ACTION TAKEN
SA-115 [B-156-b]	1972-1973 Budget for the Division of Campus Life [Understandings, revisions, additional allocations, and changes in budget guidelines are proposed for the 1972-1973 Campus Life Budget.]	Campus Life	Adopted
SA-116 [B-159-b]	Recommendation for an Increase from the General Fee for Student Activities [To augment income of student activities by \$1.50 from the General Fee]	John Wilkins	Adopted
B-157-a	Policy on Freshmen Residency Requirement [To restore freshman residency requirement as presently administered.]	John Wilkins	Defeated by a vote of 30-34

## Current Legislative Log

BILL NUMBER	DATE SUBMITTED	TITLE	SPONSOR	COMMITTEE REFERRED
B-170	1/27/72	Restoration of Perpendicular Parking on Tower Road [A bill to restore perpendicular parking to Tower Road]	Subcommittee on Parking and Traffic	Subcommittee on Parking and Traffic
B-171	1/27/72	To Review the Structure and Functions of the University Senate [A special committee shall be provided, to reconsider the constitutional structure, functions, and jurisdictions of the University Senate]	Mack Walker	Executive Committee

### IV. Tabular Budget of the Division of Campus Life for 1972-73.

All amounts listed in thousands of dollars, unless otherwise indicated.  
Any number in parenthesis ( ) represents a fringe benefit not included in a previous budget, unless otherwise indicated.  
Any number in square brackets [ ] represents the amount that approval of Sections I, II, and III would put in the budget.

#### OPERATIONS DRAWING ON UNRESTRICTED FUNDS (From the General Fee unless otherwise specified)

The figures listed for items 1, 2 and 3 represent the new draw on unrestricted funds.

#### 1. Student Counseling and Advising

	1971-72	1972-73
[Office of Dean of Students—see that budget in item 2 below]		
Career Center (library 21, educational placement 20, recruiting 8, individual counseling 17, special projects 14)	101.4	96.1
Guidance and Testing Center (counseling 18, testing 18, library 3)	45.2	42.9 (5.1) [45.7 (5.1)]
International Students (counseling 28, admissions 8, admin. support 19, general support 9)	60.1	57.1 (6.5) [61.1 (6.5)]
Reading-Study Center (teaching 13, counseling 12)	24.1 (2.4)	22.9 (2.5) [23.4 (2.5)]
	230.8	219.0 (14.1) [226.3 (14.1)]

COMMENT: The total for 1971-1972 is 231 whereas the number reported last spring was 224. The difference represents salary increases not known at the time of that budget review, as they will not be known this year but are estimated to be about 5% of salaries/(10.8).

#### 2. Office of the Dean of Students

	1971-72	1972-73
General Administration and	55.8	49.7

Special Projects (salaries 32, special projects 9, travel 3)

Student Activities, Organizations and Orientation (salaries 44, policy administration .5, new student orientation 9.4, publications 1 [really 7.8 if count other support sources])

Counseling Activities (microlabs, life assessment workshops, academic anxiety research, development)

Student Housing

\* Amount in parenthesis added by Senate action last April.  
\*\* Figure in parenthesis corresponds to estimated salary increases.

#### 3. Religious Affairs

Office for Coordination of University Religious Affairs (OCURA). Budget of 57.8 (50.5 in 1971-72) required listed amount from University.

#### TOTALS FROM ITEMS 1, 2, and 3.

	1971-72	1972-73
Unrestricted University funds	500	484 *
Faculty-Staff use	17	20
Summer Programs	6	9
[Add-on for women's inter-collegiate teams]		[ 6 ]
[Income credit for increased informal use; 300 additional uses at \$20]		[ 6 ]
Unrestricted Income	523	513
Restricted Income	22	22
Total Income	545	535 [547]

\*Change in unrestricted university funds gotten by the following Day Hall arithmetic:

5% required reduction in unrestricted budget -26.1  
Income credit for increased enrollment of 150  
[from 5930 to 6080] at \$32/credit-hour 9.6  
NET Change in unrestricted funds -- -16.5

Expenses: 1971-72 1972-73

#### Men's Program:

	1971-72	1972-73
Physical Education classes (3780 men)	216	214
Faculty-Staff Use	25	25
Summer Operations	17	15
Intramural	25	23 [25]
Recreation	70	68 [71]
Club Programs (facilities for club sports: rugby, judo/samurai, cricket, soccer, volleyball, weight-lifting)	4	4
SUBTOTAL	357	349 [354]

#### Women's Program:

	1971-72	1972-73
Physical Education Classes (2150 women)	139	137
Summer Operation	3	3
Intramural	2	2
Recreation	12	12 [13]
Dance	12	12
Intercollegiate teams **	20	20 [26]
SUBTOTAL	188	186 [193]
TOTAL	545	535 [547]

\*\*More careful arithmetic has revealed the women's intercollegiate teams may be supported at the 1971-72 figure (19.5). Accordingly to reach a support level of 25.5 requires an additional allocation of \$6,000.

#### 5. Intercollegiate Athletics (men's)

	1971-72	1972-73
Income:		
Sports Events	411	432

Continued on Page 11



# Barton Blotter

## This Week Was Low in Thefts

If campus thefts go in weekly cycles, last week was a "high" while this week dropped to a "low," particularly in the theft of expensive sound equipment. Most thefts were in the \$25 to \$50 dollar range — petty cash, purses, tennis shoes, a brief case. The exceptions were a \$200 rabbit fur coat and a \$125 electric typewriter.

Two non-students were charged with loitering in the North Campus dorm area.

—The natural rabbit fur coat was stolen from a freshman woman on Sunday afternoon from the coat rack in the Noyes Center cafeteria. The woman lives at Baker dorms.

—Earlier in the week, on Jan. 25, a freshman male living in Donlon Hall reported the theft of his \$37 green Air Force type parka from the Martha

Van Rensselaer cafeteria. The theft occurred on Nov. 30, 1971.

—On Friday evening, clothes smouldering in an overheated dryer in the Hasbrouck laundry building set off a fire alarm. The fire was put out with two fire extinguishers and damage limited to the clothes. Later the same night, a bag of smouldering clothes was found in a room in North Campus 1 by a building guard. The Ithaca Fire Dept. responded to the fire, which did \$8 worth of damage to a shirt, socks and underclothes. The cause of the fire was not known at the time of the report.

—Thieves made off with a purse from a desk in Uris library within the space of three minutes — between 7:12 and 7:15 p.m. Wednesday.

recently completed repairs to the Sibley Hall roofs including rebuilding and relining all of the built-in gutters.

The replacement of damaged slate, valleys and flashings including deteriorated window sills and aprons on all dormer windows was accomplished on the south and west sides.

In order to match the color and texture of the existing slate, samples of the original were sent to several quarries. In many cases the quarry that produced the original slate is now non-existent for reason of light demand for slate, labor costs, or

perhaps the strata ran out. As the available slate varies in shapes and sizes, some of it had to be cut to fit the existing slate.

It is fast becoming a reality that we may no longer be able to obtain or afford the luxury of materials to rebuild historic buildings to their original type of construction.

We are very fortunate to have available the craft performed by Fred Stone, Ed Lasher, Don Lacey, J. Wooley, Bob Cornish and Ray Taylert of the B & P Tin Shop.

## Sidewalk

Superintendent

(Notes from the Department of Buildings and Properties)

Buildings and Properties has

Continued from Page 10

Enterprise units income (profit from enterprises is as follows: bowling 11, equitation 9, golf 11, Lynah rink 0)	194	202
Income from endowed funds	54	55
Unrestricted University Funds (the number for 1970-71 is 625; however for purposes for assessing reductions a base figure of 600 has been established.)	547	480
TV Fund Income (approximately 25% of added income from 1971 Dartmouth Cornell game)		10
CUAA Annual Income (a new annual giving program to support operations)		15
	1206	1194

### Expenses:

Sports teams	569	553
Enterprise units expenses	186	185
Support programs (administration 142, medical & training 74, maintenance & operation 158, promotion 41, event services 20; numbers for 1971-72)	6	15
Contingency	1204	1194

COMMENT: The cuts in sports teams has been achieved by:

- (1) An average 2% cut for 15 sports and,
- (2) A decrease from a total support of \$14,500 for rifle, skiing, sailing, and squash in 1971-72 to \$7,500 in 1972-73. The details of this so-called "modified CUAA status" have still to be worked out.

In addition gymnastics will now be listed as CUAA sport [which will allow it to participate in national competitions.]

### 6. Museum of Art [White/Johnson]

	1971-72	1972-73
Income:		
Unrestricted University Funds	150	196
Endowment Income (Restricted)	14	14
Restricted Gifts	40	40
Other	99	2
	213	252
Expenses:		
Salaries and wages	94	119
Exhibition program	28	30
Acquisitions	69	69
General Expenses	22	34
	213	252

The present budget is based on the assumption that the move from the White Museum to the Johnson Museum will occur half-way through the fiscal year. The additional costs associated with the move and a museum roughly eight times larger than the present one have been anticipated by the administration.

### OPERATIONS DRAWING ON RESTRICTED FUNDS FROM GENERAL FEE

#### 1. University Health Services

	1971-72	1972-73 (B)
Income:		
Student Fees (\$61 x 15,600 for 72-73)	915	952
Services and sales	94	96
Endowment income	102	108
Other	74	65
	1185	1221
Expenses:		
Salaries and wages	683	602
Professional	285	266
Supportive	354	353
General Expenses	1322	1338
Deficit (out of reserve fund of 155)	137	--

COMMENT: A break-even budget (B) would result in decrease of services; to simply maintain planned services requires budget (A) and hence an increase in the fee. A \$10 increase would produce a reserve fund of 57 at the end of 1972-73 for budget A.

### 2. University Unions

	1971-72	1972-73
Income:		
Student Fees (\$63 x 15,600 plus summer session)		990.3
Rent (Dining, Theatre, Office)		94.8
Sales	1361	1414.0
Expenses:		
Salaries and wages		565.1
General Expenses		609.9
Interest and amortization (17%)	1352	236.5
	1352	1411.5

In addition, the Concert Commission (with budget of \$60,000), Cornell Cinema (with budget of \$160,000), and Special Events (with budget of \$10,000) are supposed to be self-supporting.

### 3. Student Activities

Break-even operations presently run on \$9.50 per undergraduate and \$4.00 per graduate from appropriate general fees.

#### ENTERPRISE BUDGETS (Break-Even)

	1971-72	1972-73
1. Dining		
Income:		
Regular Sales	2030	2033
Credit Card Sales	350	500
Contract Meals	514	532
Vending	475	400
Catering	70	114
Fraternities	135	135
	3574	3714

Expenses:		
Cost of Sales	1599	1648
Salaries and wages	1370	1415
Rent and utilities	121	107
Supplies and laundry	141	134
Repairs and maintenance	175	155
Debt service	143	182
Other	22	73
	3571	3714

### 2. Student Housing

	1971-72	1972-73
Income:		
Single Student	3684	3794
N.C. high-rise apartments	10	12
Apts. & Married Student Housing	524	563
Summer Sessions & Conference	222	340
Other	52	110
GROSS INCOME	4492	4819
LESS: Vacancy Loss	- 198	- 174
Staff Room (RA's)	- 105	- 109
	4189	4536

Expenses:		
Administrative salaries	212	241
Resident staff & administration	84	80
Hourly wages	760	785
Fringe benefits	91	83
Housing Services	1607	1655
Interest & amortization (31%)	1198	1403
Other expenses	237	289
	4189	4536

### 3. Campus Store

	1971-72	1972-73
Income:		
(1/2 from books, 1/4 from supplies)	2490	2686
Expenses:		
Salaries and wages	479	556
Cost of sales	1745	1892
Other	265	237
	2489	2685

### 4. Parking and Traffic

	1971-72	1972-73
Income: (over 90% from Permit Sales)	215.8	230.0
Expenses:		
Salaries (office & controllers)	118.8	121.9
Operating expenses	43.0	46.6
Debt Service (25%)	54.0	61.5
	215.8	230.0

## Bulletin Board

### Biology and Society Lecture

James J. Gibson, professor of psychology at Cornell, will discuss "Perception" in the next lecture in the Biology and Society series. His talk, which is open to the public, will be presented at 8 p.m. Monday in Alice Statler Auditorium.

The lecture will be broadcast over WHCU-FM at 10 p.m. Monday.

### Summer Study Program in Germany

The deadline for enrolling in Cornell's six-credit summer study program in Germany is Feb. 14. The program is sponsored by the Division of Modern Languages, the Department of German and the Cornell Summer Session.

The location of the 1972 program, which will run from June 5 through July 28, will be Brannenburg, a small town in the Bavarian Alps, where students will live with German families. Instruction will be under the direction of the Goethe Institute which conducts German language programs throughout the country. There will be instruction in language and literature and in contemporary German culture.

The program will be limited to about 20 students. Applications must be accompanied by a \$50 deposit and may be obtained and filed at the offices of the program's sponsor at Cornell.

The total cost of \$550, which includes the deposit, covers room, and board for eight weeks, tuition, and cultural and social activities sponsored by the program. Transportation, books and all personal expenses will be additional.

### Places Available in Nursery School

The Cornell University Nursery School is accepting names for a lottery to fill a few places for Fall 1972. Children must be 3 by Dec. 1, 1972. Children from all economic and racial groups will be included in the lottery. Those interested should call 256-3073 or 256-2089 before March 1.

### 'EARS' Provides Walk-In Counseling

"EARS" (Empathy, Assistance and Referral Service) is a volunteer service formed by concerned members of the Cornell-Ithaca community who wish to share themselves with the married students and their wives, foreign students, and other students in the Cornell community. This service is designed to provide a walk-in counseling service as well as a bridge between people with problems and services available in the Cornell-Ithaca community. The volunteers will hold all discussions in confidence. If discussions with the volunteers cannot provide sufficient assistance they will help you contact community services or professionals.

Areas of concern could be financial, marital, legal, academic, emotional, social, drugs, child-raising, etc. These can include big or small problems.

The "EARS" office is located in the North Campus Union on the south side of the game room. The hours are Monday-Thursday, 7:30-10:30 p.m. "EARS" opened Jan. 24, 1971.

### Lecture on Food Fortification

The third lecture of the "Food Facts and Fads" series will be presented Tuesday by Richard H. Barnes, dean of the Graduate School of Nutrition. Barnes will speak on "Guidelines for Food Fortification."

This lecture, which is open to the public, will be held in Room 120, Ives Hall, at 7:30 p.m.

### Origins of Christianity Discussed

Dr. Edwin Yamauchi will give a lecture entitled "Christian-Origins and Their Religious Environment" in the series sponsored by the Graduate Christian Forum.

Yamauchi will discuss the emergence of Christianity within the context of the Middle Eastern religious movements of the first century, and will seek to answer the question of how far the religion of Christ was a product of its cultural environment. The lecture is at 8 p.m. tomorrow in Ives 110.

### Australian Philosopher to Speak

Philosopher David Armstrong will discuss the topic "Trying" in a lecture scheduled for 8 p.m. Thursday, Feb. 10, in Room 120 of Ives Hall.

Armstrong, the Challis Professor of Philosophy at the University of Sydney in Australia, will be here under the sponsorship of the University Lecture Series.

### Writer to View 'Year of the Rabbit'

Joseph Pintauro, writer, poet and playwright, will be the speaker at the Sage Chapel convocation at 11 a.m. Sunday. His topic will be "Year of the Rabbit."

An ordained priest who obtained special permission from his bishop to join the secular world, he now works for an advertising firm in New York City.



# Calendar

## February 3-11

### Thursday, February 3

- 4 p.m. Open Reading — Fiction and Poetry. Temple of Zeus, Goldwin Smith.
- 8 p.m. Lecture: *"The Need for Resistance and Organizing."* Jerry Coffin, N.Y.C. War Resisters League. Memorial Room, Willard Straight. Sponsored by Cornell War Resisters League.
- 8 p.m. \*Duplicate Bridge. Sage Hall Cafeteria.
- 8:15 p.m. Lecture: *"How to Teach a Robot English."* Ives 213. Sponsored by Cornell Linguistics Circle.
- 8:30 p.m. Intramural Basketball. Barton Hall.
- 9-11 p.m. Cayuga's Waiters. Noyes 308.
- 9 p.m. Film: *Viva Max*. Noyes Center Third Floor Lounge. Sponsored by Noyes Center Board.

### Friday, February 4

- 2-5 p.m. Videotape show. Sponsored by Univ. Unions Program Dept. Memorial Room.
- 5:30 p.m. \*WSH Dining Special. Ice Cream Spree. Cafeteria.
- 6:15 p.m. \*Freshman Basketball — Canton. Barton Hall.
- 7 & 9:15 p.m. \*Film: *Where's Poppa?* Statler Auditorium.
- 7 & 9:15 p.m. \*Film: *Charly*, with Cliff Robertson and Claire Bloom. Ives 120. Cornell Cinema, sponsor.
- 8 p.m. Lecture: *"Christian Origins in Their Religious Environment."* Dr. Edwin M. Yamauchi, Prof. Ancient History, Miami University, Oxford, Ohio. Ives 110. Sponsored by Graduate Christian Forum.
- 8 p.m. *"Bijou Theatre."* Musical theatre with singers and skits. WSH Theatre. Sponsored by Univ. Unions Program Dept.
- 8 p.m. \*Freshman Hockey — Toronto Nationals. Lynah Rink.
- 8 p.m. Lecture and slides: *"China: An American View."* By Frank Kehl of Columbia University. Kehl visited China this summer and interviewed Prime Minister Chou En-lai. Kaufmann Auditorium.
- 8:15 p.m. \*Varsity Basketball — Brown University. Barton Hall.

### Saturday, February 5

- 2 p.m. \*Varsity Fencing — Princeton. Teagle Hall.
- 2 p.m. \*Freshman Hockey — Oswego. Lynah Rink.
- 5-7 p.m. \*Steaks Escape. A complete steak dinner for only \$2.99 plus tax. Student Cafeteria in Statler. A project of students of School of Hotel Administration.
- 6-8 p.m. \*Steaks Royale. A complete N.Y. strip steak dinner for only \$5.00, plus tax. Reservations are requested, 257-2500. A project of students of School of Hotel Administration. Statler Main Dining Room.
- 7 & 9:15 p.m. \*Film: *Charly* with Cliff Robertson and Claire Bloom. Ives 120. Sponsored by Cornell Cinema. (See Feb. 4)
- 8:15 p.m. \*Varsity Basketball — Yale. Barton Hall.
- 8:15 p.m. \*Varsity Polo-Highview Polo Club. Cornell Riding Hall.
- 8:15 p.m. Music Dept. Concert. Ralph Kirkpatrick. Harpsichord. Statler Auditorium.

### Sunday, February 6

- 11 a.m. Sage Chapel Convocation. Father Joseph Pintauro of N.Y.C., writer, poet and playwright.
- 2-4 p.m. \*Concert. The Buttermore Family and Black Diamond Blue Grass Band. Memorial Room, Willard Straight. Sponsored by Tompkins County Friends of Blue Grass and Country Music.
- 2-6 p.m. Table Tennis Round Robin. Noyes Third Floor Lounge.
- 2 p.m. Cornell Bangladesh Assoc. Meeting. Int'l. Lounge, Willard Straight.
- 4 p.m. Music Dept. Concert. Elaine Sisman, piano. Program: Sweelinck, *Mein Junges Leben Hat Ein End*; Beethoven, *Sonata, Opus 109 in E major*; Griffes, *The White Peacock, Opus 7, No. 1* from *Roman Sketches*; Brahms, *Variations and Fugue on a Theme of Handel, Opus 24*. Barnes Hall Auditorium.

5-8 p.m. \*Continental Buffet. Featuring Cornell's only classical menu. Statler Main Dining room. For reservations call 257-2500.

7 & 9:15 p.m. \*Film: *My Night at Maud's* by Eric Rohmer (1969). Statler Auditorium. Sponsored by Cornell Cinema.

### Monday, February 7

- 4 p.m. Special Seminar: *"The Role of Multinational Corporations in World Affairs."* Speakers: James W. Converse, Asst. Prof., Rural Sociology; Tom E. Davis, Prof. Economics; Norman Uphoff, Asst. Prof. Government. Edwards Room, Anabel Taylor. Sponsored by U.S. Latin-America Foreign Policy Study Center.
- 4:30 p.m. Concert: Cornell University Wind Ensemble, Marice Stith, Conductor. Program: *Lincolnshire Posey*, Grainger; *Symphony No. 3*, Giannini; *Oméga Lambda Chi March*, Ives. Memorial Room, Willard Straight.
- 4:30 p.m. Lecture: *"Women, Discrimination and the Academic Establishment."* Alice Cook, professor of Industrial and Labor Relations. Room 119, Baker Laboratory.
- 6 p.m. Guest Chef Series. Chef Ramponi, the Maitre de Cuisine of the Grand Hotel, Florence, Italy has designed an "Italian Night" at the Statler Main Dining Room. The Cornell Community is invited. Reservations requested — call 256-2331. A project of Statler PM.
- 8 p.m. \*Film: *Animation II*. Cartoons. Ives 120. Sponsored by Cornell Cinema.
- 8 p.m. Biology and Society Lecture Series: *"Perception."* James Gibson, Prof. of Psychology. Statler Auditorium.
- 8 p.m. English Dept. Lecture: *"Paradise Lost and the Iconography of the Fall."* Dr. C. A. Patrides. Kaufmann Auditorium.
- 8 p.m. \*Duplicate Bridge. Sage Hall Cafeteria.

### Tuesday, February 8

- 4 & 8 p.m. Lecture on *Transcendental Meditation*. SIMS, sponsor. Ives 117.
- 7 & 9:15 p.m. \*Film: Marcel Camus' *Black Orpheus*. Statler Auditorium. Sponsored by Cornell Cinema.
- 7 p.m. \*Folk Guitar Lessons with Phil Shapiro. Int'l. Lounge, Willard Straight Hall.
- 7:30 p.m. Food Science 150 (Food Facts and Fads): *"Guidelines for Food Fortification."* Dean Richard H. Barnes, School of Nutrition. Ives 120.
- 8 p.m. \*Roller Derby. Barton Hall. Sponsored by Univ. Unions and Cornell Fencing Club.
- 9 p.m. Cayuga's Waiters Practice. Noyes 308.

### Wednesday, February 9

- 10 a.m.-3:45 p.m. Blood Drive. Memorial Room, Willard Straight Hall.
- 10 a.m. Cornell Campus Club meeting at North Campus Student Union. Tour of the Union and Craft Shop. Continental breakfast after the tour. Members can park in the Conference Parking Lot on George Jessup Road.
- 12:30 p.m. Female Studies Program Meeting. North Room, Willard Straight Hall.
- 4:30 p.m. Faculty Council of Representatives Meeting. Ives 110.
- 7:30 p.m. Folk Dancers. Memorial Room, Willard Straight.
- 7:30 p.m. Board on Student Health — Public Hearing. Art Lounge, Willard Straight.
- 7:45 p.m. Senate Comm. on Organizations and Public Events. Multi-purpose Room, North Campus Union.
- 8 p.m. G.L.F. Meeting. Int'l. Lounge, Willard Straight Hall.
- 8 p.m. Lecture. *"Campaign '72 — Mandate for Change."* Congressman Robert McCloskey. Anabel Taylor Auditorium. Sponsored by I.F.C.
- 8 p.m. \*Film *The Bridge on the River Kwai*. Ives 120. Sponsored by Cornell Cinema.

### Thursday, February 10

- 4 & 8 p.m. Lecture on *Transcendental Meditation*. Ives 117. SIMS, sponsor.
- 4 p.m. Open Reading. Fiction and Poetry. Temple of Zeus, Goldwin Smith.
- 4:30 p.m. Food Science Seminar: *"Policy and Procedures for the Nutrient Fortification of Foods."*



Dean Richard H. Barnes, School of Nutrition, Cornell. 204 Stocking Hall. Refreshments at 4:15.

4:30 p.m. Microbiology Section Seminar: *"Octosporea muscaedomesticae: A protozoan pathogen of muscoid flies."* Prof. J. P. Kramer, Entomology Dept., Cornell. Room 105, Riley Robb Hall. Coffee at 4:15.

8 p.m. University Lecture: *"Trying."* David Armstrong, Challis Prof. of Philosophy at Univ. of Sydney, Australia. Ives 120. Sponsored by Dept. of Philosophy.

8 p.m. \*Duplicate Bridge. Sage Hall Cafeteria.

8:15 p.m. Lecture: *"Noneuropean Rhetorical Pattern."* Prof. Joseph Grimes, Cornell Dept. of Modern Languages. Ives 213. Sponsored by Cornell Linguistic Circle.

8:15 p.m. \*Univ. Theatre Production: *Life Is a Dream*. Drummond Studio.

9 p.m. Film: *The Professionals*. Noyes Third Floor Lounge.

9 p.m. Cayuga's Waiters Practice. Noyes 308.

6:15 p.m. \*Freshman Basketball — Syracuse. Barton Hall.

8:15 p.m. \*Varsity Basketball — Princeton. Barton Hall.

### Friday, February 11

- 2-5 p.m. Video Tape Show. Memorial Room, Willard Straight. Sponsored by Univ. Unions Program Dept.
- 7 & 9:15 p.m. \*Film: *Night of the Living Dead*. Ives 120. Sponsored by Cornell Cinema.
- 7 & 9:30 p.m. \*Film: *Husbands*. Statler Auditorium. Sponsored by Cornell Cinema.
- 7 p.m. \*Freshman Hockey — Grimsby Jr. B. Lynah Rink.
- 8:15 p.m. Music Dept. Concert. Scott Martin Kosofsky, recorder; Tom Pixton, Harpsichord. Barnes Hall Auditorium.
- 8:15 p.m. \*Univ. Theatre Production, Drummond Studio.

### Exhibits

John M. Olin Library: *"Theodore Dreiser After One Hundred Years."* Jan. 20 through March 18.

Olin Library History of Science Collection: *"Wine Making."*

Andrew Dickson White Museum: *"The Civilization of Lihuros."* Jan. 25-March 5. Hours: Tues. through Sat. 11 a.m.-5 p.m. Sun. 1-5 p.m. Closed Monday.

WSH Art Lounge: *"Athens Print Workshop."* Feb. 1-18.

Veterinary School Library Informal Reading Room, Schurman Hall—*"Veterinary Memorabilia."* Exhibit by John M. King, D.V.M. Instruments used in the past for treatment and care of animals, and some early instruments used in veterinary study. Articles are the beginning collection for a museum that Dr. King hopes to open in Ithaca.

### Cornell University Press

The following book is being published by Cornell University Press.

Price, Roger: *THE FRENCH SECOND REPUBLIC: A Social History*. Publication date is Feb. 4, 1972. \$11.50.

\*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, Willard Straight Hall (either through the mails or by leaving them at the Straight desk) at least 10 days prior to publication of the Chronicle. The Calendar is prepared for the Chronicle by the Office of Central Reservations.*