

# Board to Act in July On Student Trustees

The Cornell Board of Trustees will hold a special meeting in New York City on July 21, primarily to confirm the election of student trustee-designates, Robert W. Purcell, board chairman, announced at a press conference following the June 6 meeting of the board in Ithaca.

On June 3 the New York State Senate adopted a declaration of legislative intent in regard to the selection of student and faculty trustees. The declaration states that to have student and faculty trustees on the Cornell board, there must be at least a 40 per cent vote of electors. The four student trustee-designates elected last March do not meet that requirement.

"If the Governor approves this bill, we will have to find a way to legalize the election of these students," Purcell said. One method of accomplishing this would be to have the trustees elect the students to the board not as student trustees, but under another designation, Purcell said. He did not see any problem with previously elected faculty trustees.

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## Alumni Elect Trustees



**RICHARD I. FRICKE '43**  
*'Foot in Both Camps'*



**ROBERT L. RIDGLEY '56**  
*Stresses Education*

Richard I. Fricke, a 1943 graduate of Cornell, and Robert L. Ridgley, Cornell Class of 1956, have been elected to five-year terms as alumni members of the Cornell Board of Trustees. Their election was announced at the June meeting of the Board of Trustees.

Fricke, executive vice president of The Mutual Life Insurance Company of New York (MONY), and Ridgley, an attorney in Portland, Ore., were among six candidates voted on through a

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## 2,708 Cornellians Receive Degrees At 103rd Annual Commencement

Cornell's 103rd commencement exercises on June 7 for 2,708 graduates combined traditional ceremonies with several innovations. The cap and gown was optional attire for students. Approximately two-thirds of them continued to wear the traditional academic costume, however.

The faculty did not form as a separate body as in the past, but marched in the procession either at the rear of their respective school and college groups or with student acquaintances. Trustees were also invited to march with students.

The special student-faculty-administrative advisory committee which recommended the changes stated that "a Commencement should be a unifying experience for all of the participants. It should be a time for all to walk forward together. It should be a time in which

all are able to recognize the mistakes and achievements of the past and to commit themselves to work together for a better future."

Blanchard L. Rideout, secretary of the University and University marshal, opened the ceremonies in Barton Hall with an unscheduled "blessing on this assembly."

In keeping with Cornell tradition, the University president was the only speaker at commencement. In his seven and a half minute address, President Dale R. Corson reminded the graduates and their families of what they and higher education had been through in recent years. He called upon them to help restore the public confidence that is needed now and in the future.

"Your college years have been the most turbulent in the history of American higher education," Corson said. He then recounted incidents at colleges and universities throughout the country and said, "At Cornell we had the agony of April, 1969 and of April, 1970."

Corson continued, "You stayed with your education, however, and you succeeded. You did not drop out and I congratulate you." The statement brought loud applause from the crowd of approximately 9,500.

Pointing to such changes as the University Senate, the Africana Studies and Research Center and the student trustees, Corson stated that Cornell is a different and better place than when undergraduates came here in 1967.

He said that despite positive changes, there has been a loss of public confidence in higher education, brought on partly by disruptions, partly by rising costs, partly by "an ill-defined malaise."

Corson stressed a major exception to this lack of confidence. "Cornell alumni and friends ... have stood by us and ... have made it possible for us to move ahead," he said.

Corson closed by asking the graduates to support higher education in any way they can and help improve understanding by the general public. "Above all, retain your faith in the new generation of young people, the faith and confidence which they need and deserve," he concluded.

After the anthem, "Turn back, O man," by the Cornell Glee Club under the direction of Thomas A. Sokol, Corson conferred 1,960 bachelor's degrees, 420 master's and 328 doctoral degrees.

In another procedural change, Corson awarded all of the bachelor's degrees simultaneously.

## Richard Ramin Chosen V.P. for Public Affairs

Richard M. Ramin has been elected vice president for public affairs at Cornell University.

The election of Ramin, 41, to succeed Steven Muller who left Cornell to become provost of The Johns Hopkins University, was confirmed by the University Board of Trustees.

In announcing Ramin's appointment to the vice presidency which is responsible for the University's development, public information, alumni affairs, community relations, and publications functions,

University President Dale R. Corson said he is certain that Ramin would "continue the outstanding record of accomplishments in public affairs that have been so important to Cornell University."

Corson also announced a modification in the public affairs operation along with the Ramin appointment. Thomas L. Tobin, director of university relations, will continue as a member of the public affairs staff responsible for public relations program development but will also

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## 'Production' of Birds May Save Species

What could be the first step toward "assembly line production" of endangered birds for releasing into the wild has been taken at Cornell's Laboratory of Ornithology.

Ornithologists there have successfully reared, for the first time, a bird of prey hatched from an egg fertilized by artificial insemination.

Tom J. Cade, research director at the laboratory, said the achievement is considered significant because it shows that the techniques used in this case can be applied to the problem of the captive breeding of Peregrin Falcons and other endangered birds.

Artificial insemination is a well-known technique in poultry science but only recently has it been considered for wild birds. Cade said there is only one other reported case in which eggs of a bird of prey have been artificially fertilized. This took place last year in Pennsylvania but the two Goshawk eggs failed to hatch.

The bird hatched from the artificially inseminated egg at Cornell is a Red-tailed Hawk. The chick weighed one and a half ounces and was

about three inches long when hatched.

The tiny bird is kept in a container with special temperature controls and is fed meat several times daily by Stanley A. Temple of Cleveland, Ohio, a graduate student in Cornell's Division of Biological Sciences. Temple did the actual insemination work in a newly-built Behavioral Ecology Building. He had raised the male used in the experiment since it was a chick, 14 years ago. The female Red-tailed Hawk was presented as a gift to Cornell earlier this year.

"We tried at first to get the male and female together but they usually ended up fighting," Stanley said. "We decided on artificial insemination after we saw that the pair would never cooperate in producing young."

The Cornell researchers said they feel experimental techniques such as artificial insemination should not be used on birds as rare and irreplaceable as the Peregrine Falcon until the techniques have been perfected on a common species such as the Red-tailed Hawk. The particular male and female Red-tailed Hawks used at Cornell have



had a long association with humans, a condition necessary for successful artificial insemination.

Cornell ornithologists now are rearing Peregrin Falcons so that those birds of prey will be tame enough to be cooperative subjects for insemination later.





# Cornellians and Cornelliana

## Appointments

**Benzion Netanyahu**, a leading Judaic scholar, has been named professor of Judaic studies at Cornell where he will assume the chairmanship of the Department of Semitic Languages and Literatures, effective July 1.

Currently the holder of the Rabbi Charles E. Hillel Kauver Chair of Hebraic Studies at the University of Denver, Netanyahu has published extensively in history, literature, religion and philosophy.

**Robert M. Cotts**, professor of physics, was chosen Secretary of the University Faculty in the faculty's spring elections. Cotts, a specialist in solid state physics, joined the Cornell faculty in 1957.

**Mrs. Shirley A. White** has been appointed associate director of Cooperative Extension and professor in the Department of Communication Arts at the N.Y. State Colleges of Agriculture and Human Ecology by recent action of the University's Board of Trustees.

Mrs. White is currently professor and head of the Department of Extension Home Economics and state leader of Extension Home Economics at Kansas State University, Manhattan, Kansas. She will begin her duties here May 1.

**Gerald Salton**, professor of Computer science at Cornell since 1967, has been named chairman of the Department of Computer Science.

Salton replaces **Juris Hartmanis**, who has been chairman since 1965. Hartmanis will return to full-time teaching after a year's sabbatical leave.

**William F. Lucas**, professor of operations research and applied mathematics in Cornell's Department of Operations Research, has been appointed director of the University's Center for Applied Mathematics.

Lucas is considered one of the nation's top game theorists

in the field of operations research and applied mathematics.

**Donald N. Rollo** has been named manager of graphic arts services in the Division of General Services at Cornell University. The appointment was announced by Wallace B. Rogers, director of general services.

Rollo came to Cornell in 1964 as assistant University printer. In his new job he is in charge of the purchase of printed materials and printing equipment and supplies. He supervises the print shop and



**ROBERT M. COTTS**  
Secretary of the Faculty

related services including the addressing and mailing service and the Day Hall Printing Center. Rollo also is responsible for the operation of the U.S. Post Office Substation No. 2 located in Barnes Hall and the coordination of U.S. mail service on the campus.

**Donald H. Wallace**, associate professor of vegetable crops and plant breeding at the N.Y. State College of Agriculture, Cornell University, has been promoted to full professor, effective July 1.

Wallace has been a faculty member since 1958, devoting much of his time to research aimed at improving disease resistance and yield in dry beans and other economically important crops.

**Jack W. Hudson** has been promoted to professor of zoology in the Section of Ecology and Systematics in Cornell's Division of Biological Sciences. Hudson has been an associate professor of zoology since 1967 and chairman of the section since 1969.

Hudson's special field of interest is in the area of hibernation and environmental physiology and represents a balance between field and laboratory work and between ecology and physiology.

**Robert C. Cetas** has been named professor of plant pathology at the N.Y. State College of Agriculture at Cornell University, effective July 1.

Cetas, an associate professor since 1957 and a faculty member since 1952, devotes full time to research in disease control of potatoes and other vegetable crops at Cornell's Vegetable Research Farm at Riverhead on Long Island.

**Dr. Arthur L. Aronson**, associate professor of veterinary pharmacology since 1967, has been promoted to professor in the New York State Veterinary College at Cornell University. Dr. Aronson, one of the few veterinary pharmacologists in the United States, is a native of Minneapolis.

**Leopold W. Gruenfeld** has been elected a professor in the Department of Organizational Behavior of the New York State School of Industrial and Labor Relations (ILR) at Cornell.

A member of the Cornell faculty since 1962, Gruenfeld is a psychologist specializing in the area of leadership theory and management development.

## Honors

**Thomas Eisner**, professor of biology in Cornell's Division of Biological Sciences, has been named to a council established to advise the State of Florida on how to protect and preserve the natural features of two unspoiled islands of scientific interest.

The two small Florida keys are Lignumvitae and Shell, both regarded as isolated ecological systems. Both keys were purchased for \$1.95 million last year by the state of Florida and the Nature Conservancy. The Nature Conservancy is a Washington-based environmental organization that purchases threatened islands and then turns them over to governmental agencies so they will not be exploited by man.

**John Hsu**, a Cornell professor of music and a renowned cellist and gambist, has received an honorary doctor of music degree from the New England

Conservatory of Music in Boston. Hsu graduated from the Conservatory where he earned bachelor's and master's degrees.

The Cornell University Medical College in New York City has been awarded a \$240,592 grant to continue its research into the conversion of animal collagen into membranes and artificial parts suitable for use in man.

The three-year grant from the John A. Hartford Foundation Inc. follows a grant for a similar term awarded by the foundation in 1968. The research is under the supervision of **Dr. Albert L. Rubin**, professor of biochemistry and surgery, and **Dr. Kurt H. Stenzel**, associate professor of biochemistry and surgery.

Cornell has received a \$20,000 grant from the Nutrition Foundation Inc. for a study of nutritional and environmental therapy as a means of alleviating behavioral abnormalities produced by early malnutrition.

The award was made by the foundation in recognition of **David A. Levitsky's** potential as a "future leader in nutrition science." Levitsky, an assistant professor of nutrition in Cornell's Graduate School of Nutrition, will be the principal investigator in the project.

**Boris W. Batterman**, professor of materials science and engineering and of applied physics at Cornell, has been selected by the Board of Foreign Scholarships to participate in the international educational exchange program. The program is conducted by the U.S. Department of State.

Batterman will spend a year in the Euratom Laboratories in Ispra, Italy. The laboratory is a European international agency for atomic energy studies. Ispra is about 30 miles north of Milan.

Cornell has received a \$60,100 National Science Foundation (NSF) grant to study the motion of atoms in solid helium crystals.

The principal investigator will be **Robert C. Richardson**, assistant professor of physics. A group working with Richardson in Cornell's Laboratory of Atomic and Solid State Physics has been measuring the frequency with

which neighboring helium atoms switch places in a lattice.

**Robert E. Hughes**, professor of chemistry and director of the Materials Science Center at Cornell University, has been named chairman-elect of the Solid State Sciences Committee of the National Research Council and the National Academy of Sciences.

Seven Cornell University students have won Dyson Fund scholarships and seven others were awarded Link Foundation scholarships to participate in the program, An Introduction to Marine Science. The summer program is presented jointly by Cornell, the University of New Hampshire (UNH) and the State University of New York (SUNY) at the Isles of Shoals, 10 miles offshore in the Gulf of Maine and at the Jackson Estuarine Laboratory and Durham campus of UNH.

The Dyson Fund scholarships totaled \$1,500 and the Link Foundation awards totaled \$1,000.

Dyson scholarship winners were **Jeffrey Corwin**, Riverhead; **Gail Cottet**, Syracuse; **Jill Hamilton**, Blooming Grove; **James M. Miller**, Binghamton; **Carolyn Neuland**, Niagara Falls; **Howard Seeherman**, Wilkes-Barre, Pa.; and **Richard Sherman**, New York.

Link scholarship winners were **Lewis M. Brown**, Brooklyn; **Doris Bull**, Far Rockaway; **Douglas A. Dixon**, Massapequa Park; **Howard Leibowitz**, North Bellmore; **Deane M. Morrison**, Northville; **Linda M. Parker**, Mineola, and **Nina Zasorin**, New York.

**Joseph B. Bugliari**, a member of the faculty of the New York State College of Agriculture and the Graduate School of Business and Public Administration at Cornell, was honored by graduating agricultural students this month.

Bugliari received the Professor of Merit Award, given annually to an outstanding faculty member in the College of Agriculture for excellence in classroom teaching and methods of presenting material to students.

## Alumni

(Continued from Page 1)

mail ballot of Cornell alumni. The other candidates were **Richard A. Graham**, '42, **Walter L. Hardy**, '37, **Peter G. Pierik**, '52, and **Dudley N. Schoales**, '29.

**Fricke** and **Ridgley** will take office July 1 succeeding **Schoales**, who is completing a five-year term on the Board of Trustees, and **Charles M. Werly**, '27, who is also completing a five-year term on the Board. Werly has been chairman of the Board's investment committee since 1967.

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# Gold Named to Chair; Arecibo Is Restructured

## Will Become Cornell's First John Wetherill Professor

Thomas Gold, assistant vice president for research (Arecibo affairs) and director of the Center for Radiophysics and Space Research (CRSR) at Cornell, has been named the University's first John L. Wetherill Professor.

Gold will retire from directorship of the Arecibo Observatory in Puerto Rico, a position he has held since 1964. He will continue as director of the CRSR and plans to devote himself more to academic matters, including scientific work at the Arecibo Observatory.

The professorship to which Gold was elected by Cornell's Board of Trustees was established to honor John L. Wetherill, a businessman and industrialist who graduated from Cornell in 1907. Wetherill died in Fort Lauderdale, Fla. in 1968.

During Gold's years as director of the observatory, the world's largest radio telescope of its type, the facility established itself as a leading radio astronomy and ionosphere research center. Many important scientific discoveries were made during Gold's directorship, including determination of the exact rotation rates of the planets Mercury and Venus. The distances to the planets of the solar system were measured with an accuracy thousands of times greater than before.

Also during his tenure at Arecibo Observatory, many new and surprising astronomical objects were discovered, including quasars, radio galaxies and pulsars. The theory that pulsars were fast rotating neutron stars was first proposed by Gold.

Observations at the Arecibo Observatory and other radio telescopes have proved his theory.

The Cornell scientist's theory that many areas of the moon are dust-covered was proved correct by moon landings. His views concerning the origin and nature of the universe have had a profound effect on contemporary astronomical thought throughout the world.

## Both Name and Organization Are Going to Be Changed

The organization of the Arecibo Observatory in Puerto Rico is being restructured and its name will be changed to the National Astronomy and Ionosphere Center (NAIC). Both changes will be effective July 1.

The center's director as of July 1 will be Frank D. Drake, professor of astronomy, chairman of the Department of Astronomy and presently associate director of the Center

for Radiophysics and Space Research (CRSR) at Cornell. Drake, whose office will be at Cornell, was observatory director from 1966 through 1968.

Drake said the restructuring is necessary so that the facility, the world's largest radio-radar telescope of its type, can function more effectively as a national center and provide the broadened management required because of major improvements underway. Cornell announced in April that an upgrading of the surface of the observatory's antenna will be started next fall at a cost of about \$5 million.

The organizational restructuring also will make possible more effective long-range planning at the center now that a contract between Cornell and the National Science Foundation (NSF) has been expanded to three years from one year, Drake said. The center is operated by Cornell under contract with the NSF.

Drake also announced that Tor Hagfors, a staff member of the Lincoln Laboratory of the Massachusetts Institute of Technology (MIT) since 1963, has been named director of observatory operations and will move to Arecibo soon. Hagfors, a native of Oslo, Norway, was director of the Jicamarca Radio Observatory in Peru from 1967 to 1969. His special field of research is ionospheric physics and radar astronomy.

Hagfors will be in charge of the observatory's day-to-day operations and Drake will be in overall charge of the observatory, particularly in the area of long-term planning and development.

Thomas Gold, who has been director of the Arecibo Observatory since 1964, will continue to devote a major part of his time to the project.

# University Council Elects 8

David Pollak '39, president of the Pollak Steel Company of Cincinnati, has been reelected chairman of the Cornell University Council for 1971-72.

Also elected for 1971-72 were four vice-chairmen. They are: Robert S. Boas '45; Patricia J. Carry '50; Robert G. Engel '53; and Nelson Schaeen, Jr. '50. Miss Carry and Schaeen served as vice-chairmen last year also. The three members-at-large of the Council's administrative board elected to terms expiring in 1974 are: Audrey Roman Berman '50; James M. Clark '44; and H. L. "Bill" Tower '55 MBA '60.

Pollak was first elected to the University Council in 1959 and has served two terms as vice-chairman and one term as chairman.

Boas, who was reelected to the Administrative Board as well as being elected a Council vice-chairman, is president of the Class of '45; an associate member of the Development Advisory Committee of the Board of Trustees; Cornell Fund general area chairman for downtown Manhattan; and a member of the Cornell Club of New York and of Nassau County.

Miss Carry, president of the Class of '50, has served on the University Council since 1965. In 1967, she was elected to the Cornell Board of Trustees as an alumni trustee.

Engel, active in Cornell affairs since graduating, was also reelected to the Administrative Board after serving a three-year term.

Schaeen is vice-president of the Class of 1950; a past member of the Administrative Board; a member of Cornell's Second Century Committee; and a member of the Advisory Council of the Graduate School of Business and Public Administration (B&PA).

## Chi Psi Minds Kids



**COMMUNITY SERVICE** — The brothers of Cornell's Chi Psi fraternity have played a key role in the new child care Drop-In Center located in the Ithaca YMCA. Chi Psi's national fraternity provided over \$400 for renovating and furnishing a room at the 'Y,' and the Cornell chapter fixed up the room and bought toys. Above, Robert Gravani (left), the house's alumni adviser, and house president Sperry DeCeu take care of children playing with blocks and other toys.

## B&PA Professor Explains:

# NYSE Victimizes Small Investors

Small investors are the particular victims of an abuse of the free enterprise principle written into the rules and operating procedures of the New York Stock Exchange (NYSE), according to a Cornell business school professor.

Speaking at the 24th annual Conference of the Financial Analysts Federation in Cleveland last month, Seymour Smidt said the U.S. Security and Exchange Commission (SEC) is now aware of these abuses and has the power to eliminate them.

The Cornell professor said his comments were based on more than a year and a half of research as associate director of the SEC's recently completed study of institutional investors. Smidt worked at the SEC while on leave from Cornell's Graduate School of Business and Public Administration (B&PA) where he is a professor of managerial economics.

He explained that the rules and operating procedures of the NYSE, which are subject to SEC regulations, have erected barriers to competition that bestow significant monopoly power on the some 400 "specialists," who are both members of the Exchange, and a powerful

element in its governance.

Specialists are traders on the floor of the NYSE who buy and sell stocks to fill orders coming from brokerages all over the world. The specialist may either match buying and selling orders or buy and sell the stocks for himself. Each company whose stock is listed on the Exchange is assigned by the Exchange to a single specialist. A single specialist, however, handles the stock of several firms.

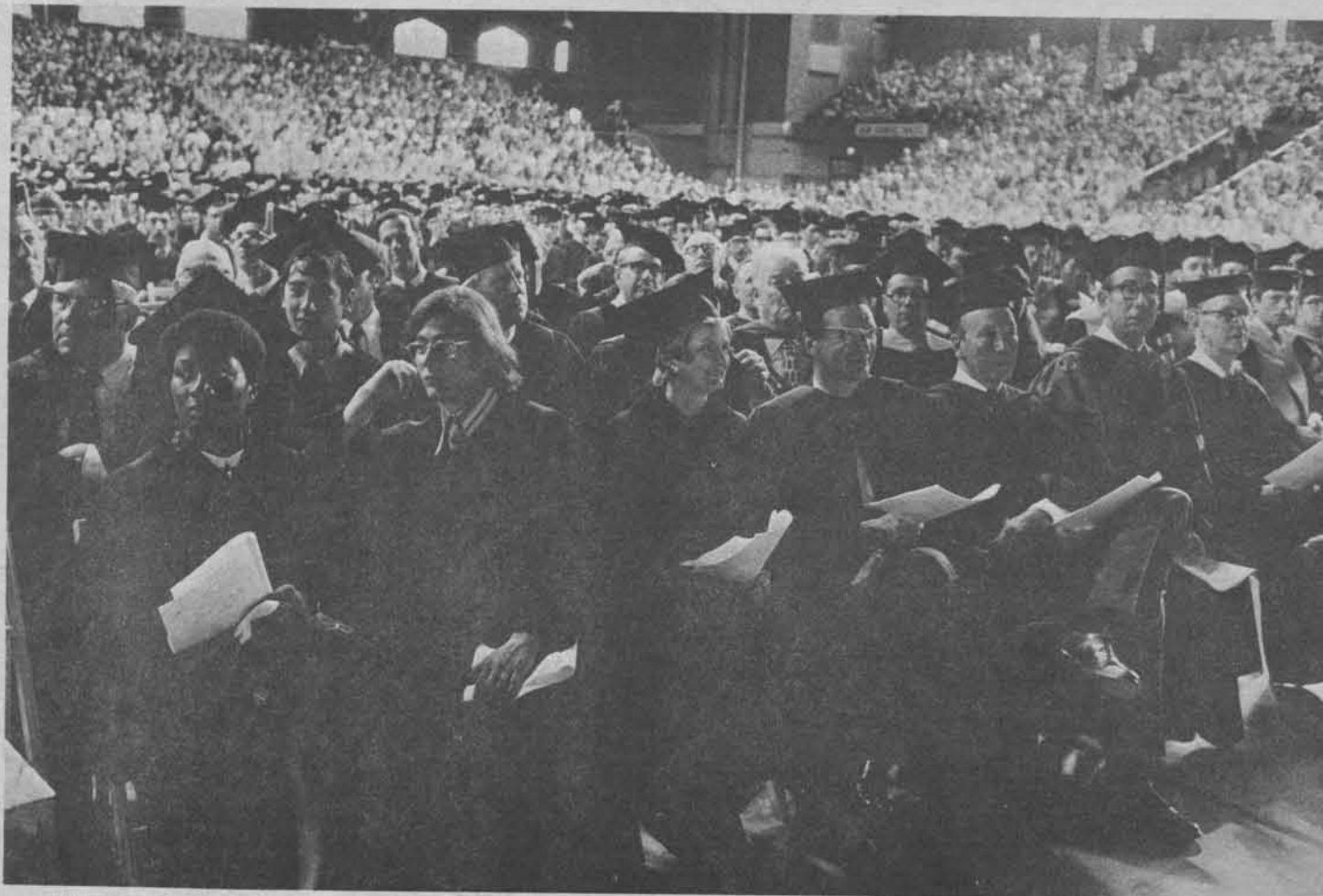
In explaining his highly technical talk designed for a specialized audience, Smidt said: "The function of an exchange specialist is to reduce temporary fluctuations in the prices of the stocks assigned to him. To carry out his obligations, he is supposed to buy stock when there is a temporary excess of public selling. Under a competitive system, the specialist who was unwilling to buy when there was a temporary excess of stock available would lose business to his competitors. Under the NYSE system the 'monopolistic specialist' is faced with a real conflict of interest. If he buys stock, he exposes himself to greater risks. If he does not, the price of the stock will decline more than is necessary."

## Ferrell Wins ECAC Merit Medal



**SCHOLAR ATHLETE** — Head track coach Jack Warner (left) looks on as trustee Charles M. Werly '23, a former captain of the track team, presents the ECAC's Merit Medal to track star Charles Ferrell '71. The award is given each year to Cornell's most outstanding scholar athlete. Ferrell, who graduated in June, excelled in mid-distance events while maintaining a 3.7 cumulative average as a wildlife conservation major in the College of Agriculture.





With a front-row seat at commencement are (from left) Mrs. Desdmona Jacobs, trustee-designate from outside the University; Robert C. Gottlieb '72, student trustee-designate; Patricia J. Carry '50, alumni trustee; Urie Bronfenbrenner, professor of human development and family studies, faculty trustee; and trustees Charles E. Dykes '36; Charles T. Stewart '40; and Jansen Noyes, Jr. '39.



There were two departures from the ceremony, one optional, and faculty members and the coordinator of University religious activities.



Leading the academic procession is Prof. Herbert L. Everett, University Macebearer.

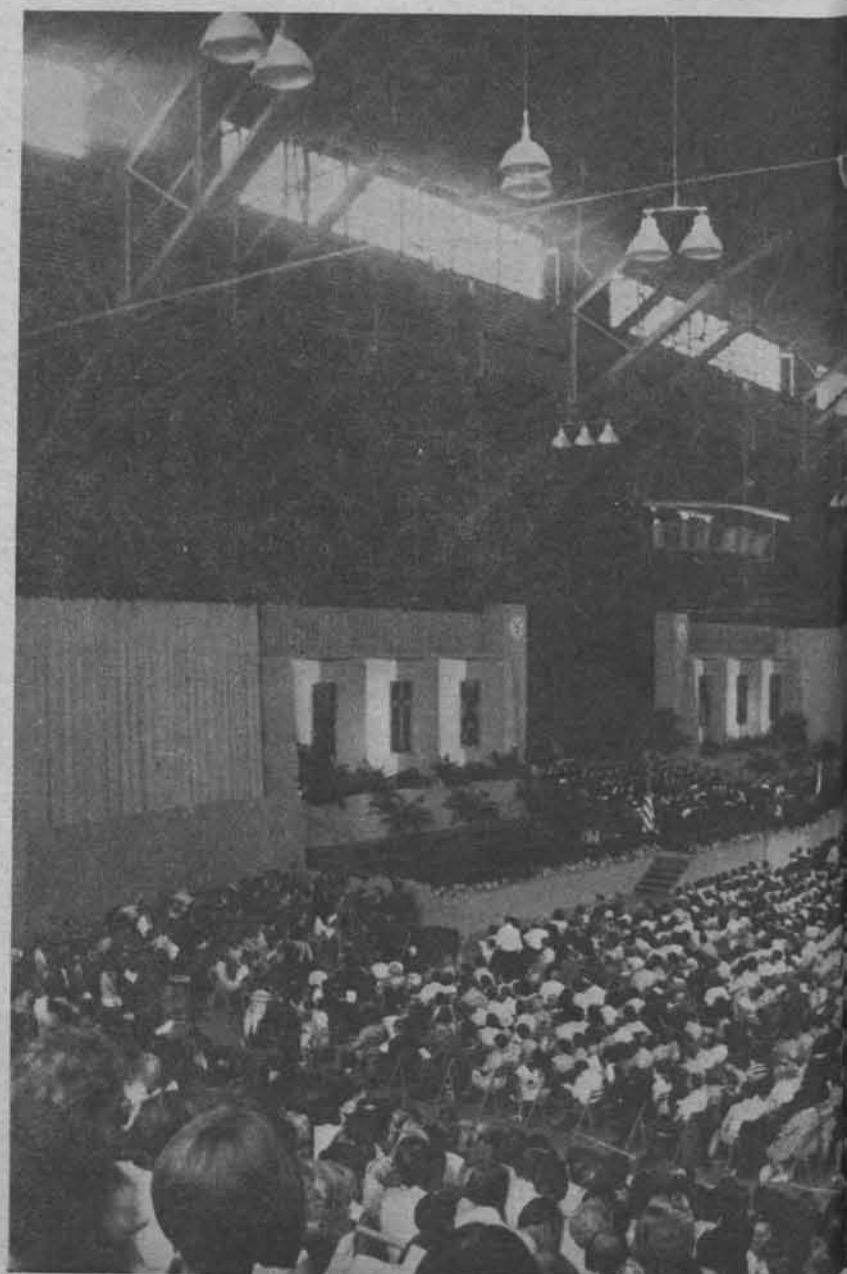


President Corson presents a handshake and a diploma to a candidate for a doctoral degree.



Photos by Sol Goldberg  
and Russ Hamilton

## Commencement



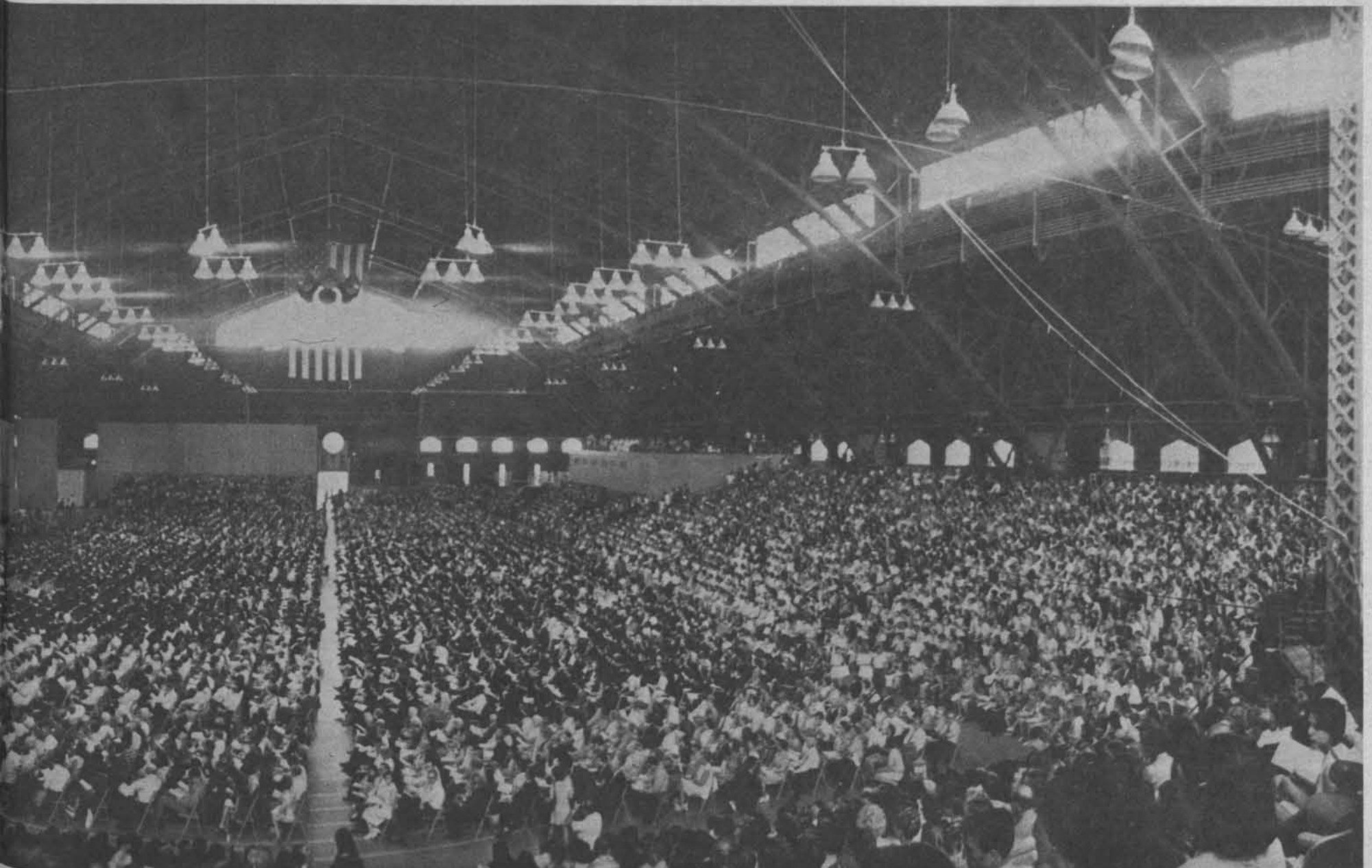




tradition this year: The wearing of a cap and gown was made  
re permitted to march with students. Here, W. Jack Lewis,  
airs, accompanies a group of baccaulaureate candidates.



ement 1971





## Lewis Named to Head New Religious Office

W. Jack Lewis, director of Cornell United Religious Work (CURW), has been named coordinator for religious affairs in the Office for the Coordination of University Religious Affairs at Cornell. His appointment will be effective July 1.

Lewis will be the first to head the new office, which will be established as part of major restructuring of religious programs at Cornell. The new plans will eliminate CURW and replace it with three new organizations: the Office for the Coordination of University Religious Affairs, which will be an official office of the University; and the Centre for Religion, Ethics and Social Policy and the Council of Federated Ministries, which will be autonomous bodies with their own directorates.

In his new position, Lewis will oversee the administration and scheduling of Anabel Taylor Hall for religious and other campus groups; the information and referral service for religious counselors, programs, projects and worship services; and the coordination and interpretation of religious affairs at Cornell in cooperation with the University Senate's Subcommittee on Religious Affairs.

The new office also will serve as a liaison between the Centre, the Council and other parts of the University.

The Centre will be a chartered independent educational institution that will succeed the non-denominational program of CURW. As a means of exploring and analyzing the relationships between "belief systems and the development of social policy," the Centre will initiate lectureships, Conferences, research programs, action projects and publications dealing with religious, ethical and ideological implications of social policy. The Centre will not accredit courses or confer degrees.

As a non-denominational organization, it will receive the income from endowment that was originally for CURW. Also the University will offer the Centre modest support on a declining basis for a three-year period through the 1973-74 academic year. The Centre eventually intends to find its own support from national denominations, foundations, and individuals.

The Council, which will be funded through its own denominational resources, will give autonomous denominations and other religious bodies at Cornell opportunities for joint programming and interreligious cooperation. The 17 denominations at Cornell and some other religious bodies are expected to be charter members of the Council.

## Cornell Club Women Visit D.C.



**CAPITAL TOUR** — Women members of three Cornell Clubs enjoyed a day in Washington, D.C., including a guided tour through the White House, a brief visit to the Corcoran Art Gallery, a guided tour of the Diplomatic Reception Rooms in the State Department, and luncheon with Mrs. William Rogers (Adele Langston '33), wife of the U.S. Secretary of State, as the honored guest. Shown above (l. to r.) are Mrs. Walter Walkins (Joanne Halla '48), president of Cornell Women's Club of Philadelphia; Mrs. W. Kemp Lehmann (Katherine Krauss '53), vice president for women of Cornell Club of Maryland; Mrs. Rogers; and Connie Ferris '47, president of the Cornell Women's Club of Delaware.

## Rapport With Communities HAP's Blue Bus Begins Rounds



**BUS STOP** — Cornell students Maxine Roeper '72, Kathy Moore '73 and Peter Fitzpatrick '71 supervise three Tompkins County children in recreational activities as part of the Blue Bus program. The bus, which is a joint project of the Tompkins County Economic Opportunity Corp. (EOC), Cornell's Human Affairs Program (HAP) and the Cornell-Ithaca Volunteers in Service (CIVITAS), brings practical instruction, library facilities and activities for adults and children in the county's rural communities.

## Applications Increase

## More Women in Engineering

Don't look now, but women are infiltrating more and more engineering courses at Cornell and making it tough academically on the men who ruled the College of Engineering roost not long ago.

What's more, the numbers of slide rule-wielding women will be increasing, college officials say.

It's not that the women are seeking to assert their rights as feminists, the officials say. It's just that the changing nature of some of the engineering courses is more attractive to women.

David C. Johnson, assistant director of engineering admissions, pointed out that the increased numbers of women

engineering students is contrary to the general trend in which the numbers of engineering applications has dropped significantly in the past year.

The general decrease in engineering applications, Johnson said, is attributed to the softness in the nation's economy. Recruiters brandishing job applications are for the moment not waiting in line in university hallways to snatch new engineering graduates as had been the case in the recent past.

The number of female applications for Cornell engineering courses totaled 80 last fall compared with 50 in 1968. Twenty women will enroll as freshmen at Cornell's College of Engineering next September compared with just four in 1968. This will bring the college's total female enrollment to 50 students for the 1971-72 academic year. The total undergraduate enrollment is expected to be about 2,100.

Female interest in engineering is not restricted to Cornell. Last year more than half of the scholarships awarded by the National Society of Professional Engineers (NSPE) were to women. The organization awards an average of 25 scholarships each year.

Nationally, the numbers of women in engineering are not too impressive, but the picture is changing rapidly. In the 1968-69 academic year, there were only 328 bachelor degrees in engineering awarded to women out of a total of 39,720.

Johnson said much of the impetus for women's interest in engineering now is due to a change in society's attitude toward women in that field.

"High school guidance counselors," he said, "are beginning to recognize the opportunities for women in engineering. Formerly when a girl was strong in math or science, she was directed to a teaching career. Now they don't hesitate about suggesting an engineering career, particularly in the environmental field or in the computer sciences."

## Two Resign Day Hall Positions

### Barlow to Study at Oxford

Mark Barlow, Jr., Cornell's vice president for student affairs, will resign from the University this summer for a year of study at Oxford University in England.

Barlow, whose resignation will be effective July 1, has directed the many University departments concerned with non-academic life at Cornell since 1965.

"I have been in this job for six years," Barlow said. "It has been very stimulating and enjoyable. But I am tired and the opportunity at Oxford offers a perfect chance for a change."

Commenting on Barlow's decision to resign, Cornell President Dale R. Corson said, "Mark will be missed both as a person and as a capable administrator. His duties at Cornell over a particularly difficult period in the area of student affairs have been immense. But he discharged his responsibilities with effectiveness and humanity. We shall miss him greatly."

### Carter to Teach Full-time

Lisle C. Carter Jr., Cornell's vice president for social and environmental studies, is leaving the University's administration July 1 to resume full-time teaching and writing as a Cornell faculty member.

Carter, a Cornell vice president since September 1969, will hold a joint appointment as professor of public policy in both the Graduate School of Business and Public Administration (B.P.A.) and the New York State College of Human Ecology. Carter, who carried a part-time teaching assignment in both schools for the past year, will assume full-time responsibilities in the fall.

"Lisle Carter has been an extremely effective administrator and a most valued advisor," University President Dale R. Corson said.



## Board

(Continued from Page 1)

The board chairman stressed the fact that the extraordinary action expected at the special July meeting is being taken only because the board wants to do everything possible to carry forward the program agreed on with the University Senate and will not set a precedent for the future.

Purcell observed that procedures will have to be revised in order to guarantee a 40 per cent vote in the future for faculty trustees, student trustees and for University senators who elect student trustees. Two of the student trustees are elected by the University Senate.

The bill which was passed by the State Senate was a compromise, according to Purcell. He said he had been in favor of the original bill which did not include the 40 per cent provision. A bill proposed by Sen. William B. Smith would have required a 50 per cent vote and would have allowed the trustees less latitude than the bill which was finally approved by the Senate.

In addition to legalizing the election of the student trustees at the July meeting, the board will also take steps to enlarge board committees and to allow students to attend committee meetings in September.

Purcell announced that the board had authorized its ad hoc negotiating committee to arrange a meeting with EDP Technology, Inc. on or before June 11 to obtain specific information from EDP concerning the firm's plans for financing the purchase of Cornell Aeronautical Laboratory (CAL) in Buffalo.

Litigation barring the sale of CAL to EDP ended with a New York Court of Appeals ruling in favor of Cornell on May 12. The terms of the contract between EDP and Cornell call for consummation of the sale within 30 days of the final determination of the litigation. The sale price is \$25 million.

Officials of EDP have requested an extension of time. Cornell's ad hoc committee has been authorized to grant such an extension to July 12, 1971, if responses to the committee's inquiries are satisfactory to the committee. (The trustee committee met with EDP officials in New York City on June 11, and the extension to July 12 was granted.) The committee may grant further extensions up to August 15, 1971, if the committee is satisfied with the progress of EDP toward consummation of the sale.

Another ad hoc trustee group, the committee on investments and social policy, had two recommendations passed by the board. The first calls for a letter to be sent from the board to the chief executive officers of all companies in which Cornell owns stock. The suggested letter states:

"At Cornell University, as in many other communities across the country, repeated concern has been expressed in the past few years that some corporate managements do not always give serious and continuing consideration to the social and environmental implications of their management decisions.

"A committee of Cornell's Board of Trustees studied this matter as it related to the University's investments and proposed a policy statement which was adopted by the entire Board at its meeting this past April. As a stockholder in your corporation, the University thought you might like to see this statement, a copy of which is attached.

"We urge your company not only to take social and environmental matters into appropriate consideration in arriving at your business decisions, but also to communicate fully and continually, both to your shareholders and the public, your activities in this area."

Purcell noted that Cornell's deficit for 1970-71 would be \$1.9 million, \$500,000 below the anticipated deficit. Though pleased that the deficit is smaller than expected, Purcell said, "I will not rest easy until it is eliminated completely."

Thomas L. Tobin, director of University relations, announced that Purcell had been reelected as chairman of the board for two years.

Other board actions announced at the press conference included the selection of William D. Gurowitz as vice president for campus affairs; Byron Yaffe as ombudsman, and Hartwig (Harry) E. Kisker as judicial administrator.

## Alumni

(Continued from Page 1)

The Board of Trustees now comprises 49 members, 10 of whom are elected by the alumni. The other Alumni Trustees are Patricia J. Carry, '50; Alfred M. Saperston, '19; H. Victor Grohmann, '28; Charles E. Treman Jr., '30; Mrs. Alfred P. Cook, '41; Meredith C. Gourdine, '53; Walter G. Barlow, '39 and Jerome H. Holland, Class of 1939.

For the second straight year the election procedure included a statement by each candidate. In his statement accompanying the alumni ballot, Fricke said he would utilize his experience in both teaching and business to promote better understanding among faculty and business-oriented alumni. He explained:

"Not all, but too many faculty members still regard businessmen as cartoon figures of fat cats, devoid of social conscience, whose intellect has grown sterile from disuse. The distortion infects the students who sit at their feet for guidance. Not all, but too many businessmen still hold to the caricature of the professor brushing ashes from his vest as he eyes the walls of his ivory tower safely insulated from all practicalities. The distortion causes them to miss opportunities to utilize advice and counsel soundly conceived.

"I have had a foot in both camps, and speak both languages. Several years as a member of the faculty at Cornell led to growing admiration for colleagues as some of the most active and practical men I have known. A number of years in 'big business' has opened my eyes to groups of able and dedicated individuals of the highest integrity whose intellectual attainments rival those of most faculty members."

In his candidate's statement Ridgley said:

"Cornell's recently announced program of cost reduction is undoubtedly imperative after six years of increasing deficits. But should the new emphasis on more teaching and less independent research have awaited the financial crisis? Would not the objective of better undergraduate education itself lead us to the same conclusion?"

"Dean Kahn (Alfred E., of the College of Arts and Sciences) put it succinctly: 'For twenty years now we've had a tradition of decreasing course loads for the professors, and this is what has caused our financial problems.'

"Recognizing the need for adequate research opportunities to hold Cornell's outstanding faculty, one must question any tradition which would sacrifice undergraduate teaching on the altar of independent inquiry.

"My point is not to be critical of past decisions but to focus on the need for long range planning — for the application of systems analysis to the budgeting and educational objectives of a great university."

## Other Actions

### Faculty Trustees Named

Cornell faculty members John H. Whitlock and Paul P. Feeny were elected trustee and trustee-designate respectively by the Cornell Board of Trustees at its June meeting.

A professor of parasitology and veterinary pathology, Whitlock will be the tenured trustee on the Board and will serve for a five-year term. He was nominated for the position by a vote of the tenured faculty members.

Feeny, assistant professor of entomology, will serve for two years as a representative of the non-tenured faculty. He will serve as trustee-designate, having all privileges but voting, until the state finally approves changes in the University charter that include the addition of a non-tenured faculty member to the Board.

His nomination for trustee came as a result of a vote by the non-tenured faculty members.

### Zurn Elected

Frank Zurn, president of Zurn Industries, Inc. of Erie, Pa., a firm which specializes in environmental and pollution control, has been elected to a five-year term as an at-large member of the Cornell Board of Trustees.

Zurn, 44, will fill one of the three at-large positions on the Cornell Board. Reelected at the June Board meeting to at-large terms were Samuel C. Johnson, chairman and president of S. C. Johnson and Son, Inc. of Racine, Wisc., and William R. Robertson, general agent for Massachusetts Mutual Life Insurance Co. at Boston, Mass.

### Regulations Amended

Cornell's Regulations for the Maintenance of Public Order will be amended to provide a uniform procedure and system of penalties and to give accused violators of the regulations more time to receive notice of hearings or to appeal hearings in their cases.

The University's Board of Trustees have approved the revisions. The amendments were recommended by the University Senate.

## Women's Scholarships

Alumnae of Cornell continue to extend much needed financial assistance to qualified undergraduate women through the Scholarship Endowment Fund of the Federation of Cornell Women's Clubs. This endowment reached a total of \$50,000 in 1950 and has doubled in amount in each succeeding decade to the present total of \$215,000.

Presently there are thirteen memorial scholarships which honor outstanding Cornellians of earlier years. Women who would like information concerning the establishment of a memorial scholarship fund, or wish to make a contribution to one of the existing funds, may write to the Alumnae Secretary in Ithaca or contact the local Cornell Club.

## Ramin

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work directly with Corson and the members of the University's executive staff to provide public relations counsel.

Ramin comes to the vice presidency from the post of assistant vice president for public affairs and director of development for six years. A member of the Cornell administration since 1954, Ramin was alumni field secretary (1954-56), assistant director of admissions (1956-

59) and associate director of development (1959-64).

Speaking of Ramin's accomplishments as director of development, Corson said "under Dick Ramin's guidance, Cornell's record in fund raising has been unsurpassed by any educational institution in the United States."

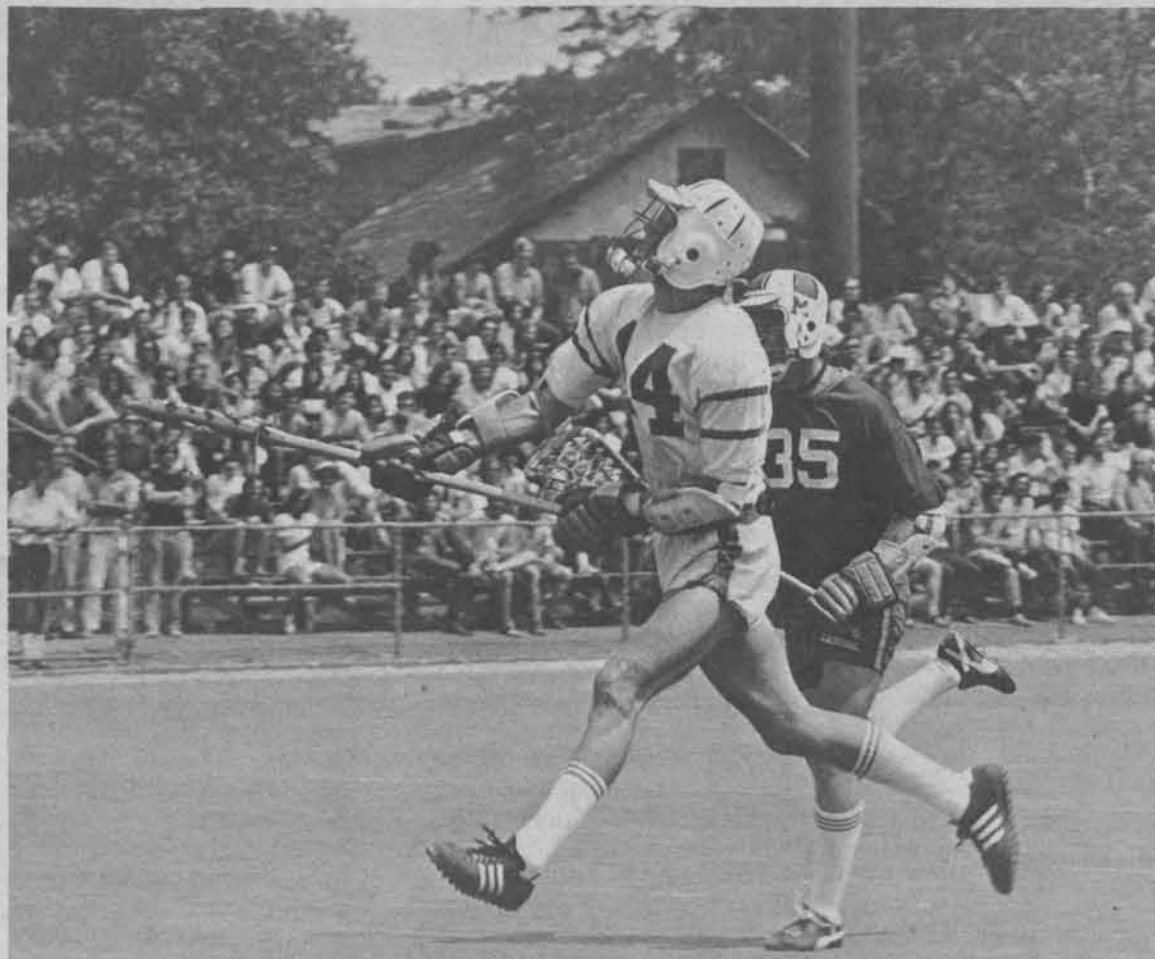
Ramin assumed the University's top development post in 1964 during the last year of the University's Centennial fund raising campaign which raised \$76.8 million exceeding the Centennial goal of \$73.2 million. Since the completion

of the Centennial Campaign, Cornell has received some \$118 million in total gifts.

A native of Williamsport, Pa., Ramin is a 1951 graduate of the College of Arts and Sciences at Cornell and completed the Graduate School of Business and Public Administration's (B.P.A.) Executive Development Program in 1968.

While a Cornell undergraduate, Ramin was co-captain of the freshman football team and played on the varsity from 1948 to 1950.





Midfielder Bruce Teague (14) moves into the attacking zone.



Coach Rich Moran urges the team on.

## Laxmen Win NCAA Crown

A Canadian attackman who set records in another country and a Long Island goalie who gave his finest performance just a few miles from his home were instrumental in leading Cornell to the NCAA lacrosse championship over Maryland, 12-6, on June 5.

When the final whistle sounded and the Big Red had copped the first official NCAA title in lacrosse, it was Al Rimmer, the record-setting senior attackman from Toronto, and Bob Buhmann, the reserve goalie from Seaford, N.Y., who were the heroes at Hofstra Stadium in Hempstead, N.Y.

Rimmer, from whom the sensational is expected, fired in six of Cornell's 12 goals. He concluded his collegiate career with the all-time Cornell record for total points on 80 goals and 82 assists for 162 points.

Cornell never trailed in the game. Rimmer fired in a goal after only 59 seconds had been played and though Maryland was able to tie the score at 1-1 and 2-2, the Terps posed no real threat after the first period.

The goal that put Cornell ahead for good was produced by Coach Richie Moran's third midfield. With 7:47 to go in the first period, Bob Wagner, a senior from Newton, Pa., scored off an assist by Craig Bollinger, a junior from Rochester, N.Y.

Rimmer then took command and racked up three straight goals. Frank Davis, a junior from Sanborn, N.Y., and Bucky Gunts, a junior from Baltimore, Md., finished up Cornell's string of six goals.



Senior attackman Al Rimmer (17) displays the championship plaque as Coach Moran is interviewed by a sportscaster.

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