



# CORNELL CHRONICLE

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'Summer's Comin' by Gum'



Knapp to Go to UMass

## New Provost Sought

Provost David C. Knapp has been elected president of the University of Massachusetts and President Frank Rhodes has established a procedure for seeking his replacement at Cornell.

Knapp was elected to the Massachusetts position by trustees of that university Monday.

In outlining the process for seeking a successor here, Rhodes noted that the bylaws of the University designate the provost as the president's first deputy officer and that he is, under the president, the chief educational officer of the University, with responsibility for oversight of all University academic programs other than those in the health sciences located in the New York Hospital-Cornell Medical Center.

He is responsible for the support, review, coordination and overall planning of the various schools, colleges, and some centers, as well as such supporting services as the Library, the Office of Admissions and Financial Aid, the Registrar's Office, COSEP and other similar organizations.

Rhodes said that because the tasks of the provost involve the need for first-hand familiarity with Cornell's distinctive range of programs, it is anticipated that the appointment of a new provost will be made from within the University. He announced the appointment of the following individuals who will serve as members of an advisory committee concerning the appointment:

Robert A. Beck, dean of the School of Hotel Administration;



David C. Knapp

Alison P. Casarett, associate dean of the Graduate School and formerly associate professor in the College of Veterinary Medicine; P. Tobias deBoer, professor

of mechanical and aerospace engineering; Ronald G. Ehrenberg, professor and chairman, Labor Economics, Industrial & Labor Relations.

Also: Jean Failing, dean, Human Ecology; John Hsu, professor of music, Arts and Sciences; K. C. Parsons, dean of Architecture, Art and Planning; Robert S. Summers, professor of law; David A. Thomas, associate dean of Business & Public Administration; Darwin P. Williams, director of COSEP, and Robert J. Young, chairman and professor, Department of Animal Sciences, Agriculture and Life Sciences.

Rhodes said nominations or applications for the provost position are invited from all members of the University community, and may be made to any member of

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## Job Class Review Set for State Units

A comprehensive review of non-exempt job classifications in the University's statutory units will begin May 18 and continue until August 1980.

A similar review in Cornell's endowed units began March 13 and will continue until May 1979.

Non-exempt jobs are those subject to the overtime provisions of the Fair Labor Standards Act. There are some 1,800 persons in such jobs in Cornell's statutory units.

The job "audit" as it is formally known "is intended to assure that job titles and job descriptions are brought up to date and that job grade levels are equitable," according to Robert V. Sweetall, acting director of Cornell's Office of Personnel Services.

No one will have his or her rate of pay reduced as a result of the audit, according to Josephine Musicus, project manager of the statutory audit.

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## Rhodes Studies Finances; Proposes Future Courses

A special message to the Cornell community concerning the financial situation the University faces and proposing courses for the future has been prepared by President Frank Rhodes.

Titled "Cornell's Changing Context," the 18-page document is being sent this week to all faculty members and to deans, directors and department heads, so that copies should be available in all academic and non-academic departments, as well as in libraries. In addition, extra copies also are available at the News Bureau, 110 Day Hall.

In his message, Rhodes discusses the changing situation of higher education in the nation, and particularly Cornell, in which the period of robust growth that characterized the post-World War II years has ended and we now face a time of constriction in both the numbers of dollars and numbers of available students.

"A central question for the future of our university is how can we most effectively realize our goals given today's economic and social realities," Rhodes writes.

He says that while the university already has made substantial cuts, "we are still far from having achieved financial equilibrium."

He notes that while some people would view the

university's vast land and buildings as a valuable asset, that to realize the value of an asset it must be sold "and we do not contemplate the sale of any buildings. It is perhaps more accurate to characterize Cornell's extensive physical facilities as a liability in the sense that we must spend more than \$20 million annually for utilities, maintenance, custodial care and debt service."

One chart in the report shows also that the university spent \$42 million in capital for the

endowed colleges over the past 10 years. He says the expenditure of these funds has "helped the university to avoid cutting programs and reducing its staff and to arrest the deterioration of the physical plant during a difficult period of high inflation and a sluggish economy."

"But continued depletion of capital resources merely postpones a time of reckoning because it erodes the value of the endowment for future gener-

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## Report Completed On Arts Finances

The program review committee which was named by President Rhodes in January to look at the financial needs of the College of Arts and Sciences, under the chairmanship of Dean W. Keith Kennedy of the State College of Agriculture and Life Sciences and including three faculty members of the Arts College, has submitted its report to Rhodes.

Following is a letter from Provost David Knapp to Dean Kennedy and the committee, followed by the complete text of the report:

Dean W. Keith Kennedy  
Agriculture and Life Sciences  
Roberts Hall

Dear Dean Kennedy:

I wish to express my apprecia-

tion to you and Professors Randel, Rosenberg, and Smith for the time and thought which have gone into your report on the financial needs of the College of Arts and Sciences. I also express my appreciation to Robert Scott and John Lambert for the detailed department-by-department audit which preceded your committee review.

Your report highlights the serious, and inseparable, academic and fiscal questions which now lie before the University as a whole. As Mr. Rhodes's recent letter to the faculty makes clear, Cornell is limited in its capacity to support, at the levels of excellence to which we all aspire, the full range of academic pro-

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## Outdoor Exercises Set for Schoellkopf

If the unpredictable weather does not ruin the tradition of sunny skies for the Cornell commencement Day exercises, an estimated 3,750 students will receive degrees at ceremonies beginning at 11 a.m. Monday, May 29, at Schoellkopf Field.

In case of inclement weather, alternate plans will be announced on local radio stations.

The commencement exercises will be the first for Cornell President Frank Rhodes, who will deliver the commencement address.

Special seating has been set aside for disabled and elderly guests at the ceremonies. Those who would like to reserve such seating should contact Jim Cunningham at Public Safety as soon as possible (256-1111). Public Safety needs to know the number of people in each party who need this service as well as a description of the car in which they will arrive and the license plate number. Special provisions will be made to assist these guests from the car to their seats.

An additional order of graduation announcements (not invitations) has arrived and may be purchased from the Straight Desk (not the ticket office) for 30 cents each.

The complete commencement schedule, with notes on rain procedures and procurement of academic costume, follows:

### INSTRUCTIONS FOR THE ACADEMIC PROCESSION AND THE COMMENCEMENT CEREMONIES

(1) The 110th Annual Commencement of Cornell University will be held in Schoellkopf Field on Monday, May 29 beginning at 11 a.m. (Daylight Saving Time).

(2) Schedule:

(Note: This schedule is followed precisely on time.)

9:45 a.m. Guests may enter Schoellkopf. All are requested to be in their seats by 10:45 a.m..

9:30 a.m. The *Class Division* (Candidates for Degrees) will assemble at the designated places on the main quadrangle. See (4) below.

9:35 a.m. The *Faculty Division* (members of the Faculty including Emeritus Professors) will assemble on the walk in front of Goldwin Smith, south end.

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# Executive Committee Acts

The summary journal for the meetings of the Executive Committee of the Cornell University Board of Trustees held May 9, 1978, in New York City follows.

(NOTE: This summary journal, as released for publication, does not include confidential items which came before the meeting, nor does it include items treated in separate stories in this issue of Chronicle.)

1. The Executive Committee minutes for the meeting of April 11 were approved.

2. President Frank Rhodes reported on the state of the University.

3. The president led a discussion of issues raised in April by four members of the Student Alliance Against Racism. The committee endorsed the response of the administration.

4. The Executive Committee approved 1979-80 statutory college appropriation requests and authorized the administration to transmit them to the Board of Trustees of the State University of New York for appropriate filing.

5. The committee authorized the administration to open an account at the State Street Bank and Trust Co. in Boston for the "Cornell University Parent Loan Plan." The plan is for parents in the School of Hotel Administration.

6. The committee approved, upon the president's recommendation, in implementing the policy approved on a year-to-year basis since 1975, the application of up to \$750,000 of unrestricted bequests within any one fiscal year to current income, that the administration treat the

proceeds of unrestricted life income funds in the same manner as bequests.

7. The committee approved a supplemental classification of endowment and similar funds for the endowed colleges at Ithaca.

8. The committee approved a new policy with regard to reappropriation of year-end balances, intended to provide more flexibility in dealing with such balances.

9. Effective with the fiscal year 1978-79, the committee authorized income received from the John McMullen Trust be expended currently for scholarships in the College of Engineering, rather than being credited to the principal of the John McMullen Scholarship Fund as established by the Board of Trustees in 1923.

10. Vice Provost Mark Barlow

led a discussion of student loan delinquencies which had been delayed from the April 11 meeting.

11. The president reported that contracts had been signed with the National Science Foundation for \$8.65 million for the Cornell Electron-Positron Colliding Beam Facility at the Wilson Synchrotron Laboratory, representing the first year's funding in a three-year, \$20-million project approved by the Executive Committee in April 1975.

12. Minutes were received from the Buildings and Properties Committee meeting of April 10.

13. Several personnel matters were approved.

14. Constance Cook, vice president for land grant affairs, reported on matters pending in the New York State Legislature.

## \$1.2 Million Deficit Predicted This Year

The year-end general funds deficit for the University's endowed colleges at Ithaca is expected to be \$1.2 million at the end of the current fiscal year, the Executive Committee of the Board of Trustees was told at its meeting in New York City last Tuesday.

The report, which was presented by Samuel A. Lawrence, vice president for financial and planning services, also projects a \$1 million deficit for the Medical College in New York and a \$0.9 million surplus in enterprise, stat-

tory and other special funds. Both figures are based on the third quarter financial report, which outlines results through March 31.

Lawrence says the new projections are in line with figures presented to trustees in January. The original January 1977 general funds estimate for the endowed Ithaca colleges was for a \$435,000 deficit, but this was revised upward in mid-year, based on a larger deficit than expected in the College of Arts and Sciences and other factors, to the \$1.2-million level.

## Review Could Raise Salaries

*Continued from Page 1*

Statutory employees whose grades are raised will receive the minimum of the higher grade or the step increase of that grade, whichever is greater. Increases, contingent upon state funds, will be effective upon completion of audit for that group of jobs.

Job questionnaires will be distributed to statutory groups at six different times, according to Musicus: secretarial and administrative groups by the end of May, laboratory and research technician groups in mid-October, clerical groups, including library assistants and program aides, in mid-April 1979, other administrative support groups in mid-October 1979, agriculture-related groups in mid-January 1980, and service groups in mid-April 1980.

Employees in each group will be notified of new classifications and any pay increases following reviews of their jobs. The effective date of any changes will be approximately one month after notification.

The notification schedule will be October 1978 for the first group named above, April 1979 for the second, October 1979 for the third, January 1980 for the fourth, April 1980 for the fifth, and July 1980 for the sixth.

Each major unit involved in the review will have a "project coordinator" appointed by the various deans. The project coordinators will be responsible for distribution and collection of questionnaires, communication between their unit and Musicus, and advice to her on technical aspects of jobs in their units.

The nine project coordinators

and their affiliations are John Hartnett, State Finance and Business Office; Ann Marcham, New York State College of Veterinary Medicine; Alice Moore, New York State School of Industrial and Labor Relations; Shirley Harper, ILR Library; Gil-

bert Rankin, New York State College of Agriculture and Life Sciences; Betty Corrigan, Cooperative Extension; David Barrie, Geneva Experiment Station; Bernie Ryan, New York State College of Human Ecology, and Jeanne White, Mann Library.

## Contexts Change

*Continued from Page 1*

ations of Cornellians," Rhodes writes.

On the income side of the ledger, he says tuition must continue to rise as long as inflation continues, endowment funds must be increased, new investment strategies will be explored, assets have been and will be converted to more productive forms of investment "whenever this is possible and prudent," research and contract costs policies must guarantee that the full costs of research are charged to sponsors, faculty members must be willing to "search aggressively for external support," increased federal and state support is necessary, patents must continue to be sought.

On the expenditure side, Rhodes says there are "no easy or unambiguous alternatives" for reducing expenditures. Cost-cutting programs have achieved objectives and energy conservation efforts have reduced consumption, but the gains in the latter have been more than offset by cost and rate increases.

He notes that 61 percent of all university costs are for personnel, and another 20 percent for physical plant and financial aid. "Achieving meaningful savings, therefore, inevitably means diminishing staff, limiting salary increases, cutting back programs, curtailing financial aid or

closing some portion of our campus buildings. Fortunately our present situation does not warrant such drastic reactions and they can be avoided in the future by responsible decisions today. Substantial changes, nevertheless, are required. This will not be a painless procedure."

He says the methods the university uses will be diverse, but will deal with each of the problem areas he mentions.

He concludes by saying:

"The financial future we face is reason for concern, but not for despair; Cornell has faced adversity in the past and emerged with renewed strength. In the period ahead we shall do the same. This is a time not for drift, but for deliberate decision and firm direction. Difficult decisions will be made but our common goal will remain the maintenance of excellence—not in the perpetuation of the status quo, but in imaginative and adaptive responses to a new and challenging era of constraint.

"Cornell has always been a community of scholars. The next decade will require the development of community in an even broader sense. We shall share equally the responsibility for the maintenance and enhancement of Cornell as a first-rank university. I look forward to working together with you toward our common goals."

## Job Opportunities

### CLERICAL POSITIONS

\*Sr. Admin. Secy., A-17 (Dining Services)  
Research Aide II, A-16 (University Development)  
Research Aide II, A-16 (University Development)  
\*Admin. Secy., A-15 (Astronomy)  
\*Admin. Secy., A-15 (University Development)  
Admin. Secy., A-15 (School of Chemical Engineering)  
Library Asst. III, A-15 (University Libraries, B&PA)  
Admin. Secy., A-15 (Univ. Libraries, Olin)  
Admin. Secy., A-15 (Residence Life)  
Library Asst. III, A-15 (U. Libraries, Olin)  
Searcher II, A-15 (U. Libraries, Olin)  
Admin. Secy., A-15 (NAIC)  
Admin. Secy., A-15 (B&PA)  
Admin. Secy., A-15 (STS Program)  
\*Dept. Secy., A-13 (University Development)  
\*Dept. Secy., A-13 (Computer Science)  
Sr. Acct. Clerk, A-13 (U. Libraries, Olin)  
Sr. Key punch Op. A-13 (Accounting - Endowed)  
Dept. Secy., A-13 (Center for Int'l Studies)  
Dept. Secy., A-13 (U. Libraries, B&PA)  
Dept. Secy., A-13 (University Development)  
Dept. Secy., A-13 (Engineering Admissions)  
Dept. Secy., A-13 (Law School)  
\*Sr. Clerk, A-12 (Health Services)  
Sr. Clerk, A-12 (Accounting - Endowed)  
Sr. Clerk, A-12 (University Unions)  
\*Steno III, NP-9 (Rural Sociology)  
\*Steno III, NP-9 (Agric. Engineering)  
\*Admin. Secy., NP-8 (Coop. Extension - Resource Info Lab)  
\*Steno II, NP-6 (Ag. Engineering)  
Steno II, NP-6 (Resident Instruction - CALS)  
Steno II, NP-6 (Diagnostic Lab)  
Steno II, NP-6 (NYSSILR)  
\*Program Asst. (B'nai Brith Hillel Foundation)

### SERVICE & MAINTENANCE

\*Maint. Mech. A-20 (Maintenance & Svc. Ops.)  
Experimental Machinist, A-19 (LASSP)  
\*Univ. Service Officer, A-17 (Public Safety)  
Custodian, A-13 (Bldgs. & Grounds Care)(3)  
Stockkeeper I, A-12 (Univ. Publications)  
Cashier, A-11 (Statler Inn)  
Res. Aide, NP-9 (Seed & Veg. Sciences - Geneva)  
Heating Plant Worker, NP-8 (Bldgs. & Prop. - Geneva)  
Clerk I, NP-3 (Media Services - Printing)

### TECHNICAL

Sr. Exp. Tech., A-21 (Applied & Engr. Physics)  
Research Spec. I, A-19 (Lab Plasma Studies)  
Synch. Op. Tech., A-19 (Lab Nuclear Studies)  
Synch. Op. Tech., A-19 (Lab Nuclear Studies)(2)  
\*Sr. Lab Tech., A-18 (Biochem., Molec. & Cell Biology)  
\*Sr. Lab Tech., A-18 (Biochem., Molec. & Cell Biology)  
Synch. Tech., A-17 (Lab Nuclear Studies)  
\*Electronics Tech. A-17 (Univ. Libraries, Olin)  
Res. Tech. III, NP-12 (Food Science & Tech., Geneva)  
Res. Tech. III, NP-12 (Animal Science)  
Res. Tech. III, NP-12 (Plant Pathology - Geneva)  
\*Lab Tech. II, NP-11 (Agronomy)  
Lab Tech. II, NP-11 (Veterinary Pathology)  
\*Lab Tech. II, NP-11 (Diagnostic Lab)  
\*Research Tech. II, NP-10 (Plant Pathology)  
Lab Tech. I, NP-8 (Avian & Aquatic Animal Med.)  
\*Tech. Aide I, NP-9 (Diagnostic Lab)  
\*Lab Asst. III, NP-5 (Agronomy)  
\*Lab Asst. II, NP-4 (Vet Micro., J.A. Baker Institute)  
Field Vet., CPO7 (DCS-Mastitis Control, Canton)  
Sr. Systems Programmer, CPO6 (Computer Services)  
Res. Supp. Spec. III, CPO5 (Diagnostic Lab)  
Elect. Engineer II, CPO5 (Design & Proj. Management)  
Res. Supp. Spec. II, CPO4 (Mat'l Science & Engineering)  
Arch.-Engineer II, CPO4 (Bldgs. & Prop. - Geneva)  
Res. Supp. Spec. II, CPO4 (Lab Nuclear Studies)  
Comp. Tech. Admin. I, CPO4 (Computer Services)  
Systems Analyst I, CPO3 (Lab Nuclear Studies)  
Applications Programmer I, CPO3 (Computer Services)  
Asst. Manager-Rad. Safety, CPO3 (Life Safety & Rad. Safety)  
Systems Programmer I, CPO3 (Computer Services)  
Applications Programmer I, CPO3 (Resident Instruction-CALS)

### ADMINISTRATIVE

Director, University Personnel Svcs. (Personnel)  
Director, University Relations, CPO9 (Public Affairs)  
Director, Design & Proj. Management, CPO9 (Fac. & Bus.Ops.)  
SDS V, CPO8 (Associate Dean) (Law School)  
Chief, Plant Ops., CPO8 (Food Science)  
Director, CPO7 (Career Center)  
\*Assoc. Admin. CPO6 (Veterinary College Admin.)  
Exec. Staff Asst. CPO6 (Asst. Dean) (Law School)  
Res. Area Director, CPO6 (Residence Life)  
Public Affairs Officer, CPO6-Law School (Public Affairs)  
\*Admin. Manager II, CPO5 (Office of the Bursar)  
Manager, Material Control, CPO5 (Maint. & Svc. Ops.)  
SDS III, CPO5 (Assoc. Director, Area Chmn.)(Admissions)(2)  
Admin. Manager, CPO5 (Bldgs. & Grounds Care)  
Admin. Manager, CPO5 (Dining Services)  
Development Officer I, CPO4 (University Development)  
Exec. Staff. Asst. II, CPO4 (Affirmative Action)  
Staff Writer II, CPO4 (University Development)  
Asst. Production Director (University Press)  
SDS II, CPO3 (Arch., Art, Plann. - Minority Ed. Affairs)  
SDS II, CPO3 (College Registrar)(Law School)  
SDS II, CPO3 (Office of Financial Aid)  
SDS II, CPO3 (Dean of Students, 10 months/year)  
SDS II, CPO3 (Asst. Dir., Admissions Counselor)(Admissions)  
SDS II, CPO3 (Engineering Admissions)  
Student Dev. Spec. CPO3 (Residence Life)(3)  
Housing Area Manager, CPO3 (Res.Coordinator)(Res.Life)  
SDS II, CPO3 (Res. Area Program Coord.)(Residence Life)  
Admin. Spvr. II, CPO3 (University Development)  
Health Assoc. I, CPO3 (Health Services)  
\*Dining Supervisor, CPO2 (Dining Services)  
SDS I, CPO2 (Resident Director - Sperry) (Res. Life)  
SDS I, CPO2 (Resident Director - Ecology House)(Res. Life)  
Ext. Support Aide, CPO2 (Coop. Extension Admin.)  
Asst. Editor (Cornell U. Press)

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Thursday, May 18, 1978

# Aid to Be Adjusted For TAP Recipients

Cornell undergraduates, primarily freshmen, who received a Tuition Assistance Program award for the first time in 1977-78 will receive additional payments expected to begin in mid-May.

However, Cornell officials pointed out that the University will make normal financial aid adjustments based on the new TAP awards for students who are receiving University scholarships or loans because the payments represent an increase in the students' financial aid resources for 1977-78.

The New York State Higher Education Services Corp. recently announced administrative procedures to implement Gov. Carey's program of retroactive TAP payments for 1977-78.

In order to balance the increased resources against University scholarships and loans, Cornell will employ the following procedures:

- 1) any student who received Cornell scholarship money for 1977-78 will have that scholarship reduced by the amount of the supplemental TAP award;
  - 2) any student who received a University loan for 1977-78 will have the supplemental TAP applied as a repayment to the loan account, thereby reducing the outstanding indebtedness;
  - 3) students who received no financial aid, but who have a balance owing on their bursar bills will have their supplemental TAP applied to the balance;
  - 4) all other students may pick up their checks as soon as they are available or they may request that the checks be mailed by presenting a self-addressed, stamped envelope to the bursar.
- All adjustments and disbursements will be coordinated by the bursar and the financial aid office.

# Equal Opportunity Policy Amended

The University's policy of Equal Educational Opportunity has been amended by the Board of Trustees to apply to both educational and employment opportunities and to add age and handicap as prohibited discrimination. The action was taken at the trustees' Executive Committee meeting May 9 in New York City.

Specifically, the amended Policy of Equal Educational and Employment Opportunity now states that "...no person shall be denied admission to any educational program or activity or be denied employment on the basis of any legally prohibited discrimination involving, but not limited to, such factors as race, color, creed, religion, national or ethnic origin, sex, age or handicap. The University is committed to the maintenance of affirmative programs which will assure the continuation of such equality of opportunity."

The intent of the statement is to provide an omnibus statement

of equal opportunity with respect to both educational opportunity and employment, according to Astrid de Parry in the Office of University Legal Services.

The policy extends only to those types of discrimination currently prohibited by law, de Parry said. In addition to adding age and handicap as prohibited bases for discrimination, the language is intended to cover any types of discrimination which might be declared illegal in the future, she added.

The University Counsel advised the trustees that since present federal legislation prohibits age discrimination in employment between the age of 40 and 65, and state legislation prohibits such discrimination between the age of 18 and 65, this statement would not bind the University to employ or retain in employment a person over age 65.

The policy was last amended by the Executive Committee in 1976.

# Hearing to Focus On the Handicapped

The University Committee for the Handicapped will conduct an open hearing on Cornell's programs and services as they relate to the handicapped at 4 p.m. Monday, May 22, in 101 Uris Hall.

Drafts of the self-evaluation report are available for inspection at Olin and Mann libraries, the Office of the Coordinator for the Handicapped in 308 Day Hall and the Dean of Students Office in 103 Barnes Hall.

The report was prepared by the Institutional Self-Evaluation Committee, a sub-committee of the University Committee on the Handicapped, established in 1976 to aid the handicapped and provide equal opportunity, as required by the Department of Health, Education and Welfare.

The federal deadline for the report is June 2, according to Ruth Darling, campus coordinator for the handicapped. The self-evaluation committee consists of nine sub-committees which have examined Cornell's policies and procedures in various areas of campus life, program accessibility, administration, admissions, academic and non-academic employment and other areas.

The draft report includes summaries of the sub-committee reports, procedures used in self-evaluation and plans for implementation. After the report is finalized in June, it is kept on file for three years at the University, available for inspection by anyone.

# Ziegler Named HumEc Dan Social Scientist to Fill Post

Jerome M. Ziegler, chairman of the Department of Urban Affairs and Policy Analysis at the New School for Social Research, will become the new dean of the State College of Human Ecology on Aug. 15, pending approval by the State University of New York Board of Trustees.

Ziegler, whose appointment was approved by the Cornell Trustee Executive Committee at its meeting in New York City last Tuesday, will replace Jean Failing, who will retire from the deanship on June 30.

Ziegler, 54, a specialist in urban education, higher education and intergovernmental relations, served as commissioner of higher education for the Commonwealth of Pennsylvania and as chief executive officer of the Board of State College and University Directors from 1972 to 1976.

He was vice president and professor of social science from 1967 to 1971 at the State University of New York College at Old Westbury, where he had responsibility for planning, administration and curriculum development. He also was director of the Cooperative College Centers of Long Island, in charge of a freshman-level college program for educationally and economically disadvantaged adults. He was the first director of the Rodman Job Corps Center of New Bedford, Mass. in 1965-66.

Ziegler is the author of two books and several articles in the fields of higher education and urban studies. He has been a consultant to various government and private agencies including the U.S. Conference of

Mayors/National League of Cities, U.S. Department of Health, Education and Welfare, U.S. Department of Housing and Urban Development and the American Academy of Arts and Sciences.

As president of the American Foundation for Continuing Education in Chicago from 1956 to 1962, he developed and conducted an executive seminar in liberal arts and executive management for senior officers of Westinghouse, Union Carbide, Bell Telephone of New York, and the United States Chamber of Commerce. He also developed and conducted a seminar on public policy, economic and social issues for trade union leaders in the labor education departments of Pennsylvania State University, Michigan State University, University of Michigan,

University of Illinois and Rutgers University.

He worked as a foundry production worker at the Ford Aircraft Engine Division in Chicago in 1951-52 and as a machinist for General Motors Truck and Coach Co., Pontiac, Mich., in 1950-51. In 1949-50, he was an economic analyst with the European Labor Division of the Marshall Plan Agency in Paris, France.

Ziegler received his undergraduate education at the University of Chicago and the University of Michigan. He holds the M.A. in political science and anthropology from the University of Chicago and pursued doctoral studies in those fields at the London School of Economics and Political Science.

He is married to Patricia McGraw Ziegler. They have three children.

# Traffic Switches To Summer Hours

Beginning May 30 and continuing through the summer, the Cornell Traffic Bureau office hours will be 8 a.m. to 4 p.m., Monday through Friday. During student registration week in the fall, the Traffic Bureau will resume its academic year office hour schedule of 7:30 a.m. to 5 p.m., Monday through Friday.

There will be no special sale of "summer U" parking permits this year, according to Sally VanEtten, supervisor of the Traffic Bureau. In the past a limited number of U permits had been

made available for open sale to community members during the summer months.

Extensive roadway, parking lot and building construction projects scheduled for this summer will make a significant number of U parking spaces temporarily inaccessible to community members. To ensure that regular U permit holders have adequate parking during this period, U permits will be sold only to those who are normally eligible for them, VanEtten said.

# Graduation Is All in Family

The Luckow family of Franklin Square will be well represented at the University's commencement exercises. All three Luckow children will be receiving degrees in the ceremonies to be held May 29.

Kenneth Luckow and his younger brother, Scott, will receive DVM degrees from Cornell's New York State College of Veterinary Medicine. They are thought to be the first brothers in the school's history to receive DVM degrees simultaneously.

Betsy Luckow, a dean's list student and member of the Cornell women's varsity crew, will receive the bachelor's degree in agricultural economics at the ceremonies.

Kenneth, who received the

B.S. in animal science from Cornell in 1973, has accepted a position with the Riverhead Animal Hospital. Scott entered the College of Veterinary Medicine in 1974, completing his Cornell B.S. in animal science and his first year of veterinary

training at the same time. He has accepted a veterinary internship with the Animal Medical Center in New York City.

The Luckows are the children of Mr. and Mrs. Richard Luckow of Franklin Square.

# Law Convocation Saturday

The final convocation of the Cornell Law School's Class of 1978 will be held at 3:30 p.m. Saturday, May 20, in the Alice Statler Auditorium.

An expected 1,000 parents and friends will attend the ceremony and the reception afterward in the Myron Taylor courtyard.

President Frank Rhodes will greet the group, which will then be addressed by Faust F. Rossi, professor of law at the Law School. Roger C. Cramton, dean, will preside.

There are 172 students in the Class of 1978. They will be graduated at the University Commencement on Monday, May 29.

# Memorial Day Is Holiday ROTC Ceremony Monday


Memorial Day, which will be observed on Monday, May 29, will be a holiday for Cornell employees.

The holiday will mean a day off with pay to regular full-time and to part-time non-academic employees scheduled to work that day. Employees required to work on Memorial Day will be

given equal time off on another day mutually convenient to the employee and the supervisor. May 29 is Commencement Day at Cornell.

University bus service will operate at a reduced schedule on its normal route. All employees are expected to park in their usual locations.

A Commissioning Ceremony for all graduating members of the Cornell ROTC Brigade will be conducted at 8 a.m. Monday, May 29, in the Alice Statler Auditorium. Lt. Gen. Jeffrey G. Smith, commander of the First U.S. Army, will be the guest speaker. Music will be provided by the Cornell Wind Ensemble. The event is open to the public.



**CORNELL CHRONICLE**

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## Steam Shutdown Slated

The steam supply for the entire Ithaca campus will be shut down from 1 a.m. Tuesday, May 30, through 6 p.m. Thursday, June 1.

The shutdown, an annual occurrence, will allow the University's Department of Maintenance and Service Operations to perform essential maintenance work on the steam distribution system and the central heating plant.

Any University department anticipating problems because of the shutdown should contact customer service at 256-5322 or Thomas R. Brown, director of maintenance and service operations, at 256-4757.





# Chronicle Comment

*Chronicle Comment is a forum of opinion for the Cornell community. Address comments to Elizabeth Helmer, Managing Editor, Chronicle, 110 Day Hall. Letters submitted for publication must be typed, double space, no more than 600 words in length. The Chronicle must adhere to this limit because of space and financial restrictions. The deadline is Monday noon. Letters addressed to someone other than the editor, personal attacks against individuals or unsigned letters will not be printed.*

## 'Law Enforcement Insensitive'

**Editor:**  
I have no sympathy for traffic violators who consider themselves above the law. But those whose vehicles have been ticketed under circumstances which seem to warrant a different application of parking rules, clearly deserve a better deal. They have had no recourse because the so-called hearings are conducted by people who are not disinterested in the outcome and have become a mockery.  
If the penalty system is truly to be based on the principle of justice, then obviously final judgement should not be left to the law enforcement establishment. Perhaps a review committee elected from the faculty, the student body and the non-academic staff, with no connections with either the Traffic Bureau or the Safety Division, might be empowered to hold weekly hearing sessions. It

should have the authority to forgive, to reduce, or to confirm the penalty.  
The escalation of law enforcement evident from the reported statement by William E. Wendt and James W. Cunningham. ("Parking Violators Subject to Towing"), which threaten violators with dire consequences, once again point to the danger of unchecked police authority. What happens, for instance, if a car has erroneously been marked for towing, and whose owner has to pay expenses, suffer loss of time and effort, not to speak of undeserved annoyance? What recourse would the person have? A hearing at the Traffic Bureau, perhaps which might elicit a perfunctory "Sorry"? I believe that such a victim might also appropriately be heard by the above suggested committee, and if truly found innocent, would be entitled to a prompt official

apology from the erring officer and a reimbursement of damages from the University.  
I would like to think that most people in the law enforcement establishment at Cornell are nice and friendly. But all too often — and this is not typical at Cornell but seems to be universal — people in the police profession lose a sensitivity to human nature. They tend to forget that they, too, make mistakes, and that when they do, they go unpunished. I would hope that in an enlightened community as Cornell, law enforcement would be tempered with due regard for human needs and errors. No doubt this would result in smaller revenue from penalties, but is not that the essence on which this beautiful country is based?

*Giok Po Oey  
Echols Collection  
Olin Library*

## 'Appeals System in Existence'

**Editor:**  
The type of body described, comprised of faculty, staff and student representatives independent of the campus parking enforcement agency with the final power to review and rule on the validity of parking enforcement actions, has been in operation virtually as long as the campus parking system itself.  
The parking violation appeals procedure has been developed over the years by the various University committees and boards whose jurisdiction includes transportation and parking policy decisions, implementation and regulation. The present Violation Appeals Board (VAB), constituted by the Cornell University Senate and continued under the Campus Council, consists of two faculty, two staff and two student members appointed by the Campus Council and empowered to make a final de-

termination as to whether a violation has in fact occurred, and to confirm, waive, lower, or otherwise modify individual fines or penalties.  
Initial appeal of a parking violation citation is made to the traffic bureau appeals officer; any appeal denied in whole or in part by this officer may be submitted to the VAB for a final decision. A detailed description of parking violations, fines and other sanctions (including the use of towing as an enforcement tool) and of the appeals procedure is contained in the pamphlet, "Cornell University Regulations Governing Motor Vehicles," as amended, available at the Traffic Bureau, 115 Wait Avenue, and at the Information and Referral Center, Day Hall lobby. Provision is made for the refund of towing charges paid to private operators if the action of agents of the University in in-

stituting towing was improperly taken under campus parking regulations.  
The recent (and scheduled recurring) publication in the Chronicle of vehicles which are subject to towing or immobilization for alleged repeated violations of campus parking regulations does not in itself represent an "escalation of law enforcement." Rather, it is intended to serve as additional notice to the operators of those vehicles (supplementing the notification already provided in University published parking regulations and through the issuance of multiple parking summonses) that they must make immediate arrangements with the Traffic Bureau to pay or otherwise resolve these accrued violations.

*William E. Wendt  
Director of Transportation*

## Nine Picked for Programs

Nine men and women administrators at Cornell will be in summer management programs from coast to coast this year as part of the University's Personnel Development Program.  
A group of four will spend one week at the University of Kentucky, two will be at Stanford University for two weeks, one will go to Harvard University for one month, and two will stay at Cornell for a five-week program.  
The summer programs are only part of the professional growth opportunities offered by Cornell, according to Gerald S. Thomas, director of personnel development.  
"In addition to these summer programs, there are many others throughout the year, including a wide variety of on-campus programs. We are interested in men and women in management positions attending," he said.  
The quartet headed for the College Business Management Institute at Kentucky, July 30 to Aug. 4, consists of Eddie Smith, employee development counsel-

or; Thomas Brown, director of maintenance and service operations; Florence Berger, associate dean of students, and Allan Lentini, director of administrative operations in the College of Architecture, Art and Planning.  
This will be Lentini's second trip to Kentucky. The program there is designed for four weeks, one week per summer.  
The Business Management Institute at Stanford from July 16 to July 28 will be attended by Eugene Bartell, administration director of the National Astronomy and Ionosphere Center here, and Gilbert Rankin, director of administration operations at the New York State College of Agriculture and Life Sciences.  
Alison Casarett, associate dean of the Graduate School, will be at the Institute of Educational Management at Harvard from June 28 to July 28.  
Staying in Ithaca to attend Cornell's Executive Development Program from June 12 to July 14 are Thomas Rogers, director

of academic funding, and Jeanette Shady, director of placement in the Graduate School of Business and Public Administration.  

### Thailand Is Subject

  
"Bang Chan: Social History of a Rural Community in Thailand" is the latest book to be published by Lauriston Sharp, the Goldwin Smith Professor of Anthropology and Asian Studies, Emeritus.  
Sharp, regarded as a pioneer in applied anthropology, is the author or co-author of seven books.  
"Bang Chan" is a study which traces the changing cultural characteristics of a small Siamese village during the century and a quarter from its founding as a wilderness settlement outside Bangkok to its recent absorption into the urban spread of the Thai capital.

## Judicial Code Reports April 1—May 12, 1978

No. of Persons	Violations	Summary Decisions
4	altering parking permits	WR; *\$20/7 hrs. C.S. ** & Restitution
2	defacement of University property with green paint	WR; & Restitution
1	disruptive behavior and damage to University property in dormitory	WR; \$125 of which \$75 is suspended \$50/17 hrs. C.S.
1	damage to University property in dormitory	WR; \$125 suspended & Restitution
5	abuse of reserve book privileges	WR
1	taking fire extinguisher	WR; \$125 fine of which \$50 is suspended \$75/25 hrs. C.S.
1	harassing by telephone	WR; \$75/25 hrs. C.S.
2	theft of food items	WR; \$20/7 hrs. C.S.
1	damaging University property in dormitory	WR; Restitution
1	attempted theft from Noyes Pick Up	WR; suspended \$75 fine
1	taking record albums from Campus Store	WR; \$75/25 hrs. C.S.
1	setting a fire in his dormitory room	WR; Restitution
1	theft of several items from other students	WR; \$100/33 hrs. C.S. Restitution
1	endangerment of another person	WR; \$125 of which \$50 is suspended \$75/25 hrs. C.S.
3	destruction of a flag from Ujamaa	WR; \$75/25 hrs. C.S. Replace flag and give Ujamaa written apology
1	burning papers on another student's desk	WR; \$125/42 hrs. C.S.
1	refusing to show ID & failing to cooperate with Safety officers	WR; \$25/8 hrs. C.S. and an order to stay out of Pub
2	furnishing false information to Safety	Verbal Warning
2	entering Willard Straight through window during Mardi Gras program	WR; \$10/3 hrs. C.S.
2	discharging fire extinguisher	WR; \$125 of which \$50 is suspended \$75/25 hrs. C.S. Restitution
1	showering in Women's bathroom and making excessive noise	WR; \$25/8 and an order to cease making excessive noise
1	altering a special medical parking permit	WR; Restitution
1	parking with altered permit	WR; \$20/7 hrs. C.S.

\* Written Reprimand

\*\*Community Service

## Job Opportunities

*Continued from Page 2*

### PART-TIME & TEMPORARY

Temp. Svc. Clerical (Inst. Plan. & Analysis, temp. pt)  
\*Temp. Svc. Clerical (Hum. Dev. & Fam. Studies, temp. pt)  
Dept. Secy., A-13 (History of Art, perm. pt)  
Searcher I, A-13 (U. Libraries, Olin, temp. pt)  
Searcher I, A-13 (U. Libraries, Olin, perm. pt)  
\*Sr. Clerk, A-12 (Campus Bus, perm. pt)  
\*Steno, A-11 (COSEP, Learning Skills Center, perm. pt)  
Steno II, NP-6 (Communication Arts, perm. pt)  
Steno II, NP-6 (NYSSILR, temp. pt)  
Lab Asst. I, NP-3 (Biochem., Mol. & Cell Bio., perm. pt)  
Temp. Svc. Tech. (Biological Sciences, perm. pt)  
Temp. Svc. Tech. (Plant Path., temp. ft)  
Lab Tech. II, NP-11 (Biochem., Mol. & Cell Bio., perm. pt)  
Programmer I, A-19 (Psychology, temp. pt)  
\*Systems Programmer III, CPO5 (Computer Svcs., 1 year)  
Res. Supp. Spec. II, CPO5 (NYSSILR, temp. ft)  
Pharmacist, CPO5 (Health Services, temp. pt)  
\*Systems Programmer II, CPO4 (Computer Services, 1 year)  
\*Res. Supp. Spec. II, CPO4 (NYSSILR, temp. ft)  
\*Res. Supp. Spec. II, CPO4 (NYSSILR, temp. ft)  
Regional Director, CPO4 (U. Development, Cleveland, pt)  
Appl. Programmer I, CPO3 (NAIC, perm. pt)  
Appl. Programmer I, CPO3 (Computer Services, temp. pt)  
Appl. Programmer I, CPO3 (Computer Services, temp. pt)  
\*Systems Programmer I, CPO3 (Computer Services, 1 year)  
\*Admin. Spvr., I, CPO1 (Education, temp. ft)  
Editorial Asst. I, NP-10 (Media Svcs., perm. pt)(2)  
**ACADEMIC & FACULTY POSITIONS** (Contact Department Chairperson)  
\*Research Associate I, CPO3 (CRSR)  
\*Assoc. Asst. Professor (Agricultural Economics)  
\*Research Associate II (Dept. of Poultry Science)  
\*Lecturer, Sr. Lecturer (Hotel Administration)  
Instructor - Auto-tutorial Biology (Sect. of Physiology)  
Assoc., Full Prof. (Sect. Biochem., Molec. & Cell Biology)  
Invertebrate Zoologist-Director Shoals Marine Lab (Division of Biological Sciences)  
Lecturer, Plant Physiology (Section of Botany, Genetics and Development)  
Full, Asst., Assoc. Professor (Mat. Science & Engineering)  
Lecturer, Staff Attorney (Cornell Legal Aid Clinic)  
Lecturer, Communication Arts (Communication Arts)  
Lecturer (Communication Arts)  
Extension Associate I, CPO3 (Rural Sociology)  
Lecturer, Study Skills (Learning Skills Ctr., COSEP)  
Lecturer, Mathematics (LSC, COSEP)  
Lecturer, Chemistry (LSC, COSEP)(2)  
\*Research Associate - Interferometry (NAIC-Arecibo)  
\*Research Associate - Pulsar Astronomy (NAIC-Arecibo)



Thursday, May 18, 1978

# Alumni Sculpture Displayed

Twenty-two leading contemporary American sculptors, all Cornell alumni, will exhibit in "Cornell Then, Sculpture Now" at the Herbert F. Johnson Museum of Art May 21 to July 16. One recent work by each of the artists is included.

Robert C. Hobbs, the museum's adjunct curator of modern art and assistant professor in Cornell's Department of the History of Art, selected the pieces for the exhibition. It was first shown at the Sculpture Now, Inc. Gallery in New York City from Dec. 10, 1977, to Jan. 14, under the auspices of the

New York Chapter of the Friends of the Herbert F. Johnson Museum of Art. A fully illustrated catalog with an essay by Hobbs accompanies the exhibition.

The sculpture program at Cornell, which has its origins in the late 19th century, has fostered many distinguished artists. However, prior to this exhibition many of the sculptors' ties with the University have not been widely known. Approximately three-quarters of the sculptors in this show studied art at Cornell; one majored in agriculture, and the remainder in architecture.

The sculptors represented in

the show are: Richard Artschwager, Richard Böttwin, Victor Colby, Jud Fine, Charles Ginnever, Richard Heinrich, Bernard Kirschenbaum, Terrance LaNoue, Robert Leibel, Michael Lowe, Howard McCaleb, Gordon Matta-Clark, Joel Perlman, Stephen Porter, Alan Saret, Jason Seley, Jack Squier, Marja Vallila, John Van Alstine, William H. Wainwright, Roger Williams, and Daniel Wills.

"The indoctrinaire attitude of the sculpture faculty in the last two decades has been a most important element in encouraging students to develop fully their own attitudes and to experiment in new directions," writes Hobbs.

He notes that the leadership of faculty members Victor Colby, Jason Seley, and Jack Squier, all of whom studied at Cornell and are represented in the exhibition, has been particularly significant. This exhibition, says Hobbs, reflects the "fecund diversity" of the sculptors.

An opening reception for museum members will be held on Saturday, May 20.

Museum hours are Tuesday through Saturday, 10 a.m. to 5 p.m., Sunday 11 a.m. to 5 p.m., Wednesday evenings open until 9. The museum, usually closed on Mondays, will be open Monday, May 29, from noon to 5 p.m.



Students in the Cornell Dance Program will perform in "Paces," a dance choreographed by Jane Desmond, at the Johnson Museum of Art. A video tape documenting the process of creating a dance will precede the performance.

## Realists Featured In NYS Art Show

The works by three women realist painters will be featured in the fourth exhibition of the New York State Artists Series from May 23 to July 2 at the Herbert F. Johnson Museum of Art.

The artists are Diane Marsh, Mariann Miller and Gillian Pederson-Krag. Although each has her individual style, as a group they represent the re-emergence and renewed recognition of the realist tradition that has persisted during a quarter-century focus on abstract art.

Marsh currently teaches in the art department of the State University of New York at Buffalo. She says her work focuses on "one or more figures existing in a moment of time" which have been manipulated "sometimes at their discomfort" to illustrate the human condition as she sees it.

Miller earned a master's degree in fine arts from Cornell in 1962 and taught there for three years. Among her solo exhibitions were shows at the University of Cincinnati and Pyramid Gallery in Washington, D.C., both in 1978, and the Galleria de las Americas in San Juan, Puerto Rico in 1976.

Miller first photographs her subjects and then selects a few slides from which to make large color prints. The paintings are based on the prints.

Pederson-Krag is an associate professor of art at Cornell, where she received a master's degree in fine arts in 1963. She describes painting as a way of "giving symbolic form to feelings that are otherwise unknowable and beneath the realm of ordinary experience."

## Murder Memorabilia Displayed at Library

Materials relating to the murder trial of one of the area's more infamous citizens, Edward H. Ruloff, are on exhibit in the Cornell Law Library in Myron Taylor Hall.

### Correction

The May 4 issue of Chronicle included a story on student and staff art work exhibited in "New Muses: Works by the Supported Artists" at the Johnson Museum. It was incorrectly reported that Sandra Kohler List created a series of portraits of youths from reform schools in the Ithaca area. The portraits were created by Sandra Winters, who holds both a master's and a bachelor's degree in fine arts from Cornell.

List, a Cornell staff member, produced an "illuminated" alphabet using photographic imagery.

Ruloff, who was hanged in 1871 for murder, was considered a genius by some (his brain is part of the famed Wilder Collection at Cornell) and was suspected of having killed at least eight persons including his wife and their child.

He came to the Ithaca area from Canada in 1842 and founded a school. He impressed all with his wide knowledge and magnetic personality, conversing in several languages and lecturing excellently, especially on linguistics and philosophical subjects.

He was hanged in Binghamton after being convicted on circumstantial evidence of murdering a clerk during a holdup attempt.

His brain, which was described as massive, weighed 60 ounces, about 10 ounces more than the average brain.

## Video, Live Show To Depict Creation

A video dance documentary followed by a live performance will be presented at 8 p.m. today and Friday at the Herbert F. Johnson Museum of Art. Admission is free and open to the public.

The color video tape, "Paces," examines the process of creating a dance from its inception through completion. Shots of rehearsals and interviews with choreographer Jane Desmond and the dancers illustrate the

development of the dance over a period of three months.

A live performance of the dance will follow the video screening. The dancers are students in the Cornell Dance Program where Desmond teaches. The audience is invited to participate in an informal discussion after the performance.

"Paces" was produced by Community Animation with a grant from the Cornell Council on the Creative and Performing Arts.

## Art Museum Offers 'Insights' Program

The Herbert F. Johnson Museum of Art will offer a public workshop program, "Art Insights: Making Senses," this summer through its education department. Registration is now open and forms are available at the museum reception desk and at Day Hall's information center.

Based on the exploration of the language of art—line, color, shape, texture, movement—the workshops are geared toward understanding the creative process, according to Nancy Press, coordinator of education for the museum.

"Participatory activities are used to stimulate the imagination, creativity and expression. Some basic art materials are used, but the emphasis is on understanding a process, not making a product," Press said.

This summer Art Insights is presenting extensive workshops for adults. In part of each workshop, participants will paint, draw or shape sculptures with clay; in the other part, they will concentrate on how to look at art and how it is created. All workshops take place in the museum

galleries, and relate directly to original works of art on exhibit.

Alumni of the Arts Insights program are encouraged to participate again, since the approach and the activities of the workshop relate to the exhibitions on view and classes are constantly changing, according to Press.

Workshops will be offered Wednesday evenings from 6:45 p.m. to 8:45 p.m.

The summer schedule is as follows: June 14, line; June 21, shape and space; June 28, motion; July 5, 2-D vs. 3-D; July 12, imagery; July 19, content; July 26, composition; August 2, color.

All classes will be taught by Peg Koetsch, assistant coordinator of education. Classes are limited in size, and registrations will be handled on a first-come, first-served basis.

The cost is \$20 for eight workshops (\$17.50 for museum members), or \$3.50 for a single session. For more information call the museum on weekdays between 10 a.m. and 4 p.m. at 256-6464.

## NEH Is Seeking Directors For Summer Seminars

1979 NEH Summer Seminars for College Teachers has announced a deadline for submission of proposals of July 1, 1978. NEH is seeking scholars to direct these seminars who are qualified by the quality of their scholarship and interest in undergraduate teaching. A brochure with guidelines for preparing proposals to direct NEH summer Seminars is available in the Office of Academic Funding. Further information may be obtained by calling Buty Miller, 6-5014.



## Orchids, Herbs and Creepy Crawlies

# Plantations Offers Courses

The creepy, crawly creatures and plants that live in three different natural areas will be the subjects of field trips for children (ages 7, 8 and 9) next month sponsored by the Cornell Plantations.

"For Children: Exploring Natural Areas" is a variation of the Plantations' natural areas course for adults and will feature ecological games and collecting and releasing animals. The course will meet from 9 to 11:30 a.m. Monday, Wednesday and Friday, June 26, 28 and 30. The fee is \$10, and parents are encouraged to join their children for the three-day experience.

Several other courses will be offered in the Plantations' public education program. All courses meet at Plantations, 100 Judd Falls Road. Students can register by mail or in person from 8 a.m. to 4:30 p.m. Tuesdays or

Thursdays at the office.

"Orchids" will feature three lecture-demonstrations by Russ Mott on the botany and culture of orchids. Propagation, fertilization, potting and bringing specimens into bloom will be covered. Designed for beginners and more advanced students, the course will meet from 7:30 to 9:30 p.m. Tuesdays, May 30, June 6 and 13. The fee is \$15.

"A Study of Herbs," taught by Audrey O'Connor and Pam Mackesey, will feature lectures on the search for food plants, sacred herbs and plants of the ancients, herbs in the medieval household, the search for medicine and the development of botany, dooryard plants of colonial gardens and fragrant plants and their meaning. The classes will begin promptly at 7 p.m. Wednesdays, May 31, June 7, 14, 21, 28 and July 5, in order to

allow students to spend time in the Plantations' Robison York State Herb Garden. The fee is \$18.

"Painting and Drawing Plants," taught by Scott Bennett is designed to heighten observational skills as students learn to draw and paint plants accurately yet spontaneously. Tuesday evening sessions will be spent indoors with carnivorous plants and other materials from Plantations greenhouses and collections. Saturday mornings will be spent outside in the arboretum or in the specialized gardens. The course will meet from 7:30 to 9:30 p.m. Tuesdays, June 20, 27 and July 1 and from 9 to 11 a.m. Saturdays, June 24, July 8 and July 15. The fee is \$21.

For more information or to receive the Plantations free course brochure call 256-3020.



## Raffle to Help Lacrosse Stars

When the United States competes in the World Lacrosse Championships in England this July, seven current and former Cornell lacrosse stars plus Big Red head coach Richie Moran, assistant coach Mike Waldvogel and trainer Rick LaFrance will be on hand.

Moran will serve as head coach of the United States team, while Waldvogel will play for the American squad along with ex Big Red stars Bruce Arena, Dave Devine, Dan Mackesey, Eamon McEaney and Bill Marino, and current standouts Bob Herrickson, Craig Jaeger and Chris Kane.

Although the team is under the jurisdiction of the United States Intercollegiate Lacrosse Association, each team member is responsible for paying his entire way to the championships, which will also feature teams from Australia, Canada and England.

In an effort to defray the costs of the Cornell representatives, raffle tickets are now being sold at all home games, and by members of the Cornell varsity and junior varsity teams. The tickets are \$1 each. The first prize is a lifetime pass to Cornell lacrosse and two season tickets to Cornell football next fall. The second

prize is a lifetime pass to Cornell lacrosse and one football season ticket, while the third prize is one lifetime lacrosse pass.

The raffle tickets will also be on sale at the lacrosse office in Teagle Hall and at the sports information office in Paul Schoellkopf House, adjacent to the main entrance of the football stadium.

Anyone who would like to make a contribution to the Cornell contingent headed for the World Championships, in addition to the raffle, should call Coach Moran at 256-7332, or the sports information office at 256-3752.

## All-Star Lacrosse Tickets Are on Sale

Tickets for the 37th annual North-South All-Star lacrosse game, scheduled for Schoellkopf Field on Saturday, June 10 are now on sale, according to Game Director Richie Moran.

The North-South contest features the nation's outstanding collegiate seniors. This will mark the second time in the last four years that the game has been played in Ithaca. In 1975, the North defeated the South, 25-24, in sudden death overtime, in what many consider to be the most exciting game ever played in the series.

Tickets for the 1978 contest are priced at \$4 both for adults and children if purchased at the gate. If bought in advance, the cost will be \$3 for adults and \$2 for children.

Tickets are on sale at Teagle Hall on campus, Mayers Smoke Shop downtown, The Athlete's Foot in Pyramid Mall, Ithaca Sporting Goods in the Triphammer Shopping Plaza, Allen's Sporting Goods in downtown Binghamton, Brown's Cigar Store in Corning and Turck's Variety Store in Elmira.

# 'Farmers Make Good Oarsmen'

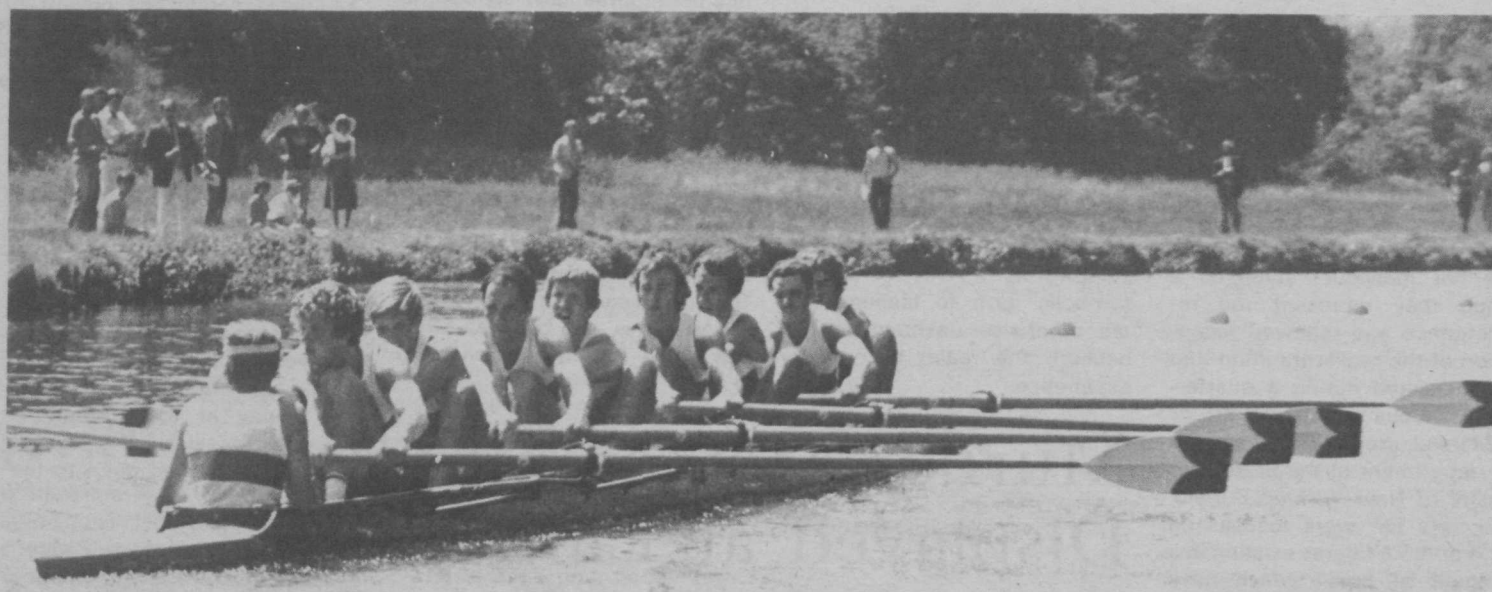
One of the few sports an athlete can participate in on the college level without ever having previous experience is crew. According to Cornell varsity heavyweight Coach Findley Meislahn, any athlete with strength and endurance and proper mental discipline can develop quickly into a competent oarsman.

Meislahn and the other coaches do not go out recruiting as is the case in many other college sports. Anyone wishing to row is given the opportunity.

Over the years, Cornell has developed the reputation of being a "farm-boy" crew. As the name implies, a good number of oarsmen are in the College of Agriculture and Life Sciences and quite often are from farms or small towns.

Although Meislahn said it would be inappropriate to conclude that oarsmen from small towns make the best oarsmen, other schools with agricultural programs, Wisconsin is an example, have developed reputations similar to that of Cornell's. On the other hand, crews from Harvard, Princeton and Yale, universities without substantial agricultural curriculum, are almost entirely from prep schools.

Meislahn said he does not necessarily favor oarsmen brought up on a farm, but every year there is a disproportionate



The 1977 Cornell IRA Championship crew

number of agriculture students on the heavyweight and lightweight crew rosters. For example, four of the oarsmen in last year's Intercollegiate Rowing Association (IRA) heavyweight championship crew, one who was rowing for the first time, were raised on farms. This year's varsity has three members from farm backgrounds.

Craig Buckhout, a 6-4, 200-pound junior from Scipio Center, a small town in central New York, played basketball his

freshmen year and then switched to crew as a sophomore. "I was attracted to it because there was no experience required at first," he said. "Plus, it's a demanding and competitive sport." Buckhout rowed in the three seat in last year's championship crew.

An obvious connection between rowing and living on a farm is hard work. Chip Lubsen, this season's commodore and a

member of the 1976 United States Olympic crew, has rowed with oarsmen with various backgrounds. A native of Alexandria, Va., Lubsen said, "Some of these guys are just used to a lot of hard physical work. They're able to cope with it."

Meislahn sees other links between rowing and farming. "Good oarsmen, like farmers, are patient, inner-directed and re-

ceive their gratification from knowing that they have done the job well," he said.

Freshmen heavyweight Coach John Ferriss agrees, "Guys from small towns who have been living at a slower pace don't get upset when things don't go right. Patience and the willingness to keep working hard are very important."

Rob Bernstein, Agr. '79

## 'Athletes of Year' Chosen by Coaches

Craig Jaeger and Sue Hartwell have been named the WVBR/Cornell University Athletes of the Year for 1977-78, it was announced May 7. They were chosen by vote of Cornell's varsity coaches.

Jaeger, a 21-year-old senior studying Communication Arts, is a star on the Big Red football and lacrosse teams. He scored 19 goals as the lacrosse team won its opening nine games this spring, surpassing last season's total of 16 goals. He was picked as midfielder on last year's All-American and All-Ivy League squads.

In football, Jaeger rushed for over 400 yards in the first half of last season before injuring his ankle. He is a transfer from Nassau Community College, near his hometown of Massapequa, Long Island. In the balloting, he collected 37 points, including five first-place votes. Hockey star Lance Nethery finished second with 30 points.

Hartwell ran away with the female title, gathering 41 points, including six first-place votes. Helen Johnson of the tennis

team came in second with 19 points.

The 21-year-old Hartwell has been co-captain of the Cornell women's field hockey and lacrosse teams for the past two years. She is also active in the Women's Athletic Association. A senior in the College of Human Ecology, she is majoring in Human Development and Family Studies. She is from Rome, N.Y.

## Development Office Gets More Space

The Development Office of the Division of Public Affairs has moved to 726 University Ave. from the fourth floor of Day Hall. The office also has a new telephone number: 256-7150.

A shortage of space in Day Hall offices is the primary reason for the movement of the development staff, according to University officials.

In the past, 726 University Ave. has been occupied by

Cornell's Program in Urban and Regional Studies and, most recently, by sections of the Office of University Personnel Services and the Southeast Asia publications group.

It is expected that sections of personnel, legal services, public affairs and the judicial administrator will move to the fourth floor of Day Hall in the near future.

## Cattle Center Plans Tours

An open house and tour will be held June 10 at Cornell's new Beef Cattle Teaching and Research Center at Harford, five miles south of Dryden on route 38.

Tours of the center and explanation of research under way will start at 10 a.m. and will continue through the morning, and will be repeated at 3:15 p.m. Lunch will be available on the grounds.

At 1 p.m., W. Keith Kennedy, dean of the State College of Agriculture and Life Sciences, will outline the need for beef and

forage research in New York State, and Robert J. Young, chairman of the Department of Animal Science, will introduce the faculty and staff working with the beef program.

Former professor and agricultural economist Herrell DeGraff, retired president of the American Meat Institute, will speak on "Trends in Beef Consumption in the United States." Also, Joseph K. Campbell, professor of agricultural engineering, and Robert R. Seane, professor of agronomy, will discuss and demonstrate various large hay packaging systems and the use of preservatives and forage moisture testers.

Beef cattle were placed in the L-shaped 50,000 square foot center in October. The facilities will accommodate 500 to 600 head, and have research space for all phases of beef production including the cow and her calf, calves from 150 to 400 pounds, growth and finish of cattle from 400 pounds to slaughter, and growth and maintenance of breeding bulls.

One area of the center is enclosed for an environmentally controlled confinement unit with a slatted floor over a 10 foot deep pit for manure storage. Other areas are marked for study

of feeding systems for finishing beef cattle from weaning to slaughter, for detailed studies of feed consumption of individual animals, and 16 bedded pens, with each holding five to six calves under 400 pounds.

Another area contains 14 large, partially-covered pens with cement floors that will be used for cow-calf research or for studies of growing cattle over 400 pounds. Six of these pens are equipped with doors requiring each animal to wear a neck chain with a key that will unlock only one door containing its food ration. With this method the amount of food consumed by each animal can be measured but will permit their management as a group.

A separate building houses the bulls and bull calves. A 100-acre site about a half mile away will be used for studies to improve production and use of forages and hillside pastures for beef animals.

At present, approximately 90,000 beef cows are on farms in New York State. With 1.4 million acres of cropland now idle and an additional 750,000 acres expected to be released from dairy farming by 1985, there is potential for an increased number of beef animals.



# Athletics to Offer Prizes for Ideas

If anyone has ideas, questions, criticisms or opinions concerning Cornell athletics then Athletic Director Dick Schultz would like to know about them.

"We are most interested in feeling the pulse of the community concerning our athletic program," Schultz remarked, "and one way to do this is by encouraging the members of the community to write us."

"We want to know how we can service them better, what they think of our ticket prices and what promotional ideas they have. We want to know what we are doing right and what we are doing wrong."

The best idea, criticism, or suggestion each week will receive a Big Red "50" Card for the 1978-79 Cornell sports season. The card, worth \$20, allows the holder to purchase tickets to any Cornell regular season athletic event, where admission is charged, for half the regular price.

The first winner will be announced on May 12th and every Friday thereafter through August 11.

All correspondence should be mailed to Cornell Open Sports Line, Athletic Department, Cornell University, P.O. Box 729, Ithaca, N.Y. 14850.

# Ensemble to Give Libe Slope Concert

The Cornell Wind Ensemble will present a free, outdoor concert of marches, overtures and band music for festive occasions at 2:30 p.m. Sunday, May 28, on Libe Slope next to the Herbert F. Johnson Museum of Art.

The program includes: "Fanfare March" by Roger Nixon, "Overture for Band" by Felix Mendelssohn, "Yankee Doodle Fantasie Humoresque" by D.W. Reeves, "First Suite for Band" by Gustav Holst, "Dies Natalis" by Howard Hanson, "Rolling Thunder" by Henry Fillmore and "The Nonpareil" by Scott Joplin and arranged by Phil Krasicky, a member of the Wind Ensemble.

In case of rain, the concert will be given in Bailey Hall.

The ensemble will also be playing at a ROTC commissioning ceremony and at Commencement on May 29.

The Wind Ensemble will go on tour for four days starting Wednesday, May 24, and will give a send-off concert for the Utica Memorial Park and performances in Lawrence, Mass. and Westport, N.Y.

The Wind Ensemble includes the most select members of the Big Red Band. Band director Marice Stith said that the fundraising drive for 170 new band uniforms was successful and expected the uniforms to arrive at least by the Harvard football game scheduled for mid-October.

# Glee Club Concert Planned for Bailey

The Cornell University Glee Club, one of the oldest male choruses in the country, will give its annual Senior Week concert at 8:15 p.m. Sunday, May 28, in Bailey Hall under the direction of Thomas A. Sokol.

The performance will include works by Debussy, Allegri and Gilbert and Sullivan, as well as several of the songs of Cornell.

In its 109-year history, the Glee Club has performed in more than 20 foreign countries and from coast to coast. The club's performances have been widely acclaimed by critics from The

New York Times, London Daily Telegraph and Sovetskaya Musika.

The Glee Club has performed with the Philadelphia Orchestra, the Boston Symphony Orchestra and most recently with the Buffalo Symphony Orchestra in Carnegie Hall under the direction of Michael Tilson Thomas.

The members toured this past winter in the Midwest and Southeast, performing in Cleveland, Cincinnati, Jacksonville, Ala., Chattanooga, Tenn., Duke University and at the U.S. Naval Academy.

# Chamber Concert Is Open to Public

The Department of Music is sponsoring a chamber music concert to be presented at 8:15 p.m. Saturday, May 27, in Barnes Hall. The concert is free and open to the public.

The program, prepared by Paul Rosenbloom, a candidate for a doctor of musical arts degree at Cornell, includes a trio sonata by Bach for flute, violin and

harpichord; a violin and piano sonata by Brahms; several German airs by Handel for soprano flute and harpichord and Quartet in C-minor for Flute and Strings by Mozart, completed by Rosenbloom.

The concert will be performed by student and other local performers.

# War on Waste Waged

Here is one of the many repeat suggestions for saving money that have crossed the desk of the University's War on Waste Committee:

Mail to the Geneva Experiment Station should be sent through the campus messenger service, addressed to Geneva

Experiment Station, Box 15, Roberts Hall. There is no need to use federal postage.

If you have other suggestions, please submit them to Jack W. Lowe, B-7 Day Hall. If yours is a good one, it might win a cash prize.

# Profile Lusk to Command ROTC

Before Gail Lusk joined the Navy ROTC at Cornell, she never pictured herself as being in the military. Not that she was afraid of that image—it just never occurred to her.

Next fall she will become the first woman brigade commander of the combined Army, Navy and Air Force ROTC units at Cornell. It is the highest ROTC student position and in the post, Lusk will be in charge of 425 students, mostly men.

Her responsibilities will include the coordination of events in which all three ROTC units are involved: daily drill sessions in Barton Hall; community service projects, such as blood collections and a Christmas party for the Greater Ithaca Activities Center; publicity efforts and even a road rally planned for next fall.

Each year one of the three ROTC units is delegated the responsibility of the brigade command, and the position is shared by two students in that unit, one for each semester.

Navy will take over the post next year from Army and Lusk will be the brigade commander for the fall term, with a new midshipman—or midshipwoman—appointed for the spring term.

It's a job, she says, that will take a certain amount of political maneuvering among the three units. "I don't want it to seem like Navy is running the show. Sometimes the other two groups feel like the unit in charge that year takes over."

Lusk, who will be a senior geology major next year in the College of Arts and Sciences, was appointed brigade commander by ROTC staff members on the basis of "past performance and for her superior leadership capabilities," according to Lt. Richard Casselman, naval science instructor and class advisor.

Last year she served as second in command of the NROTC as the battalion executive officer, conducting squad drills and planning intramural sports and other activities for the 160-member force.

Lusk is no stranger to military life. Her father is in the Coast Guard and when she was growing up her family, now stationed in New Orleans, moved frequently from base to base. Her father, she said, did not push her at all to join ROTC.

ROTC has provided Lusk a full scholarship to school, including tuition, books, plus \$100 a month; but it's also meant, she says, the opportunity to learn new skills she would have never learned before. The ROTC is also financing a geology field trip she plans to take this summer.

Training requires discipline and competence, but maintaining a sense of humor throughout never hurts. "You need a loud voice for those drills—and a straight face. Sometimes the drill sessions turn into quite funny routines with everybody making mistakes at first. You have to play it by ear and always look serious, even if you're having a good time," she said.

Nevertheless, Lusk does take her ROTC duty very seriously. She devoted many hours to her job as battalion executive officer. "People are always



Gail Lusk

saying I put in more time than I have to, but I guess it's just the way I am."

And how does she feel about working with and commanding a force of mostly men? "There are always a few chauvinists. A lot are that way at first—they feel threatened if a woman does a particular job better. But, once you show you're competent, it usually works out fine. There's always a lot of good-natured teasing—but it works both ways. For instance, at swim practice, the women held up rating cards on the men's diving."

The ROTC at Cornell started admitting women four years ago. Now there are 63 women in Cornell ROTC: 9 in the Navy, 27 in the Air Force and 30 in the Army. One reason for the very few women in the Navy, Lusk says, may be the U.S. Code regulation limiting women to shore duty during summer training, while men spend half their duty on combat vessels.

Women are allowed to go out for short trips on yard patrol boats, but these aren't nearly as "neat or glamorous" as the regular ships, Lusk said.

But, once she starts her four years active duty upon graduation from Cornell, Lusk anticipates plenty of opportunity to quench her thirst for learning, as well as adventure. "I'd like to do oceanographic research measuring sound propagation through water. There are several stations in the Caribbean, but there's one isolated station in Iceland that would be a lot of fun!" She says she'd also like to try her hand as a Navy pilot.

Right now, Lusk is not considering the military as a career, since "being out there is a lot different than being in school." But, in the meantime, the ROTC has meant "doing new jobs, learning good management training and working with people."

Jill Casner-Lotto

# Sage Convocations

# Sex and Reality Are Topics

The Sage Chapel convocation honoring graduates and retirees will take place at 11 a.m. Sunday, May 28. The Rev. W. Jack Lewis, director of Cornell United Religious Work, will speak on "Facing the Reality of the Present Moment."

Lewis came to Cornell in 1964, having served the previous 13 years as founder-director of the Christian Faith and Life Community in Austin, Texas. As director, he participated in numerous conferences and speaking engagements in the U.S. and Canada.

He was ordained in 1940 as a minister in the Presbyterian Church, U.S., in Texas and retains his membership in the Presbytery del Salvador in the Synod of Texas.

In 1960 Lewis participated in the World Council of Churches Consultation on Evangelism at Bossey, near Geneva, Switzerland. In 1951 he spent three months investigating Lay-Training Centers in Britain and on the continent of Europe. In 1956 he was a leader of the Study Chapel



for students from Southeast Asia under the auspices of the World Student Christian Federation.

Music will be by the Cornell University Glee Club, directed by Thomas Sokol, professor of music. William Cowdery will be the organist.

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The Rev. John F. Robbins, one of the three University Catholic chaplains at Cornell will be the speaker at the Sage Chapel convocation at 11 a.m. Sunday, May 21. His topic will be "Sex, Religion and Guilt." He is also a

member of the Congregation of St. Basil (Basilian Fathers), an order of teaching priests whose work is primarily in Canada.

Robbins, who was appointed University chaplain in June 1977, will be leaving this summer to direct the Newman Foundation at the University of Toronto. Before he came to Cornell, he was chaplain for two years at Nazareth College in Rochester. After being ordained to the priesthood in 1972, he was assigned as head of the Department of Religion at the Duchesne Academy in Houston.

He did his graduate work in English at Wayne State University in Detroit and holds degrees in theology from St. Paul's University in Ottawa and from St. Michael's College in the University of Toronto. His theological work focused on psychology, primarily in the area of human sexuality.

Music will be provided by a special choral group under the direction of David Janower. William Cowdery will be the organist.



# Material on Parking Mailed Procedures Set

Cornell faculty and staff members should soon be receiving information and application material for 1978-79 campus parking permits, according to William Wendt, Director of Transportation. Wendt urges community members to read all information carefully to ensure that they are fully aware of parking permit designations and eligibility standards to take effect Sept. 1, 1978, and of the procedures to follow in ordering next year's permits and bus passes.

Completed application material should be returned to the Traffic Bureau in campus or U.S. mail by June 12. Registration stickers, parking permits and bus passes will be mailed in mid-August to all applicants whose properly completed requests are received by June 12. Application material received after that date will be processed in the order received but may not be ready for the mid-August mailing. Employees who do not receive their permits in the August delivery can either pick them up subsequently at the Traffic Bureau or submit a stamped, self-addressed envelope and the permits will be sent to them in the U.S. mail when their order is processed. No 1978-79 parking permit or bus pass will be issued to an individual who has unpaid or otherwise uncleared parking fines from the current or previous

years. Employees should make immediate arrangements with the Traffic Bureau to take care of any accrued violations in order to avoid delay in processing their permit applications.

Wendt noted that this year's mailing includes information on car pooling, a practice which the University strongly supports. According to the Federal Highway Administration, about 75 percent of the automobiles used nationwide for commuting carry only one person—the driver. Simply raising the occupancy rate to two persons per car would save the nation more than 500,000 barrels of oil daily and would remove 15 million cars from the road, thereby reducing air pollution and demand on circulation and parking facilities.

Many drivers are not fully aware of their total commuting costs. By sharing a car with one person per car, commuters can save up to 50 percent of these costs; with five persons per car, commuters can save up to 80 percent. Annual savings to an individual could range from \$281 to \$1,145, depending on the size of the car, car pool and distance traveled. The reference table excerpted below details some of these estimated savings; reductions in vehicle insurance rates and depreciation are based on discounts offered to carpoolers by some insurance companies

and on decreased mileage and consequent longer vehicle life.

Because of the significant national, institutional and individual benefits accruing from the practice of car pooling, particularly in situations where mass transit is not a viable alternative to the private vehicle, the Office of Transportation Services urges Cornell community members to investigate this possibility before ordering 1978-79 parking permits.

To facilitate this effort, the Traffic Bureau is prepared to establish an origin-destination information file to enable community members to identify and contact other individuals interested in car pooling. A "Share-A-Ride" information form has been included in this year's permit application mailing. Persons wishing to participate in this new experimental service should complete and return this form immediately to the Traffic Bureau in campus or U.S. mail (or the information may be telephoned, ext. 6-4600). During the first week in June, the Traffic Bureau will compile and mail out to all individuals submitting such information a list of other individuals in the same area of origin who are interested in car pooling. This should enable pool groups to form in time to order multiple-vehicle permits for the 1978-79 academic year.

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9:35 a.m. The *Trustee Division* will leave Day Hall to take the reviewing position, under direction of the Trustee Marshals.

9:45 a.m. Divisions will be in order. Marshals will check groups for start of Procession.

9:50 a.m. Procession will start under direction of the University Marshal.

11 a.m. The exercises in Schoellkopf will begin.

(3) There will be an outdoor academic procession, originating on the Arts quadrangle, which will march clockwise around the quadrangle and then to Schoellkopf Field. The procession will be under the direction of the University Marshal and will be formed in a double column for the following order of march: *Class Division, Faculty Division, Trustee Division*.

(4) The members of the *Class Division*, composed of Candidates for Degrees, will meet at points on the quadrangle designated by signs. In general, candidates for Graduate School Advanced Degrees, including Doctors and Masters, and candidates for Masters of Engineering, and Nutrition, will form across the quadrangle in front of Olin Library; candidates for degrees in Business and Public Administration in front of Morrill Hall; for degrees in Veterinary Medicine between Morrill Hall and McGraw Hall; for Bachelor's degrees in Engineering and for Master's degrees in Aerospace Engineering in front of McGraw Hall; in Architecture, Fine Arts, and Industrial and Labor Relations in front of White Hall; Human Ecology in front of West Sibley; Hotel Administration in front of East Sibley; Agriculture in front of Lincoln; Arts and Sciences in front of Goldwin Smith. All groups of Candidates for Degrees will line up in double column flanking the sidewalk and each column facing the center of the sidewalk. The cap of the academic costume is worn with cap tassels at the right.

(5) The *Faculty Division*, headed by the two Faculty Marshals, and consisting of members of the Faculty including Emeritus Professors, will form on the quadrangle to the south of Goldwin Smith. This division will follow the *Class Division* in the procession.

(6) The *Trustee Division*, headed by the Trustee Marshals and composed of the President, Trustees, Provost, Vice Provosts, Vice Presidents and Deans, will meet in the Board Room, Day Hall, and will move to Olin Library for review of the procession. The *Trustee Division* will follow the *Faculty Division* in the procession.

(7) The Candidates for Advanced Degrees (headed by the University Marshal and the two Class Marshals) will lead the procession, marching to Morrill Hall, and then north, east, and south, around the main quadrangle, passing between the flanking columns of the remaining groups in the quadrangle. The other groups of Candidates for Degrees will move into line as the procession passes their places. The procession will leave the quadrangle and proceed to the intersection of Tower Road and East Avenue; then to Schoellkopf Field under the Marshal's direction, and to seats as directed by the Marshals and ushers.

All candidates, men and women, keep caps on during the procession; during the exercises men will follow the lead of the President in removing and replacing their caps. Caps are worn during the ceremony of conferring degrees.

(8) The *Faculty Division* will move to seats as designated by their ushers and Faculty Marshals in Schoellkopf Crescent.

(9) The *Trustee Division* will go to seats in the center stage on Schoellkopf Field.

(10) All will stand through the opening ceremony; then the entire audience will be seated.

(11) For the conferring of degrees, each group of candidates will rise as called by the University Marshal, and will remain standing until given the signal to be seated. When the President announces the degree conferred, tassels should be shifted to the left.

(12) At the conclusion of the ceremony, the *Trustee Division* and *Faculty Division* will form in procession and exit from Schoellkopf Field in that order. The graduates will not join the procession but will remain standing while the *Trustee* and *Faculty Divisions* exit. The graduates and the audience will disband when the procession has departed from Schoellkopf Field.

(13) IN CASE OF PREDICTED SHOWERS on Commencement Day, all members of the Graduating Class, including candidates for advanced degrees, should report to LYNNAH RINK. The procession will move from Lynnah Rink to Schoellkopf Field.

IN THE EVENT OF VERY INCLEMENT WEATHER, all candidates should report to Teagle Hall, where they will receive further instructions before proceeding in groups to Barton Hall or Lynnah Rink for abbreviated ceremonies. Details will be publicized later.

The *Faculty Division* will assemble in the Navy area area in the southeast corner of Barton Hall. The *Trustee Division* will assemble in the lounge of the Navy offices at Barton Hall.

Assembly times will be the times indicated for outdoor procession.

In the event of inclement weather, radio announcements will be made at 9:00 a.m. as to indoor or outdoor assembly for procession.

(14) Telephones: Barton Hall, 6-4202; Commencement Arrangements, F.B. Miller, 6-2062; Schoellkopf Field, 6-4237.

## NOTES

ACADEMIC COSTUME. Caps and gowns may be obtained by students through Student Agencies, 412 College Avenue.

To order: Stop at Student Agencies Laundromat anytime between 8 a.m. and midnight seven days a week. The deadline for ordering caps and gowns is May 1. After that date, there is a late charge.

To pick up: Caps and gowns may be picked up at Clara Dickson ballroom on May 25, 26, 27, and 28, between 10:30 a.m. and 4 p.m., and on May 29 between 8 a.m. and 10:20 a.m.

ADMISSION TO CEREMONIES. No tickets of admission are required by the audience. Two announcements are supplied for each student. Additional announcements may be purchased at Willard Straight Ticket Office.

Please advise guests to bring umbrellas in case of possible showers.

Federal Highway Administration		CARPOOL SAVINGS REFERENCE TABLE		
HOME TO WORK	ANNUAL ROUND TRIP COSTS AND SAVINGS	SUBCOMPACT (Pinto,Datsun, VW,Colt)	COMPACT (Nova,Dart, Pacer)	STANDARD (Matador,Cutlass, LTD, Caprice)
10 MILES  [20 MILES ROUND TRIP]	COST OF DRIVING TO WORK ALONE			
	Gasoline and oil	\$128	\$ 176	\$ 234
	Maintenance and repair	97	109	130
	Parking	145	145	145
	Insurance	166	176	189
	Depreciation	110	143	250
	TOTAL	\$646	\$ 749	\$ 948
20 MILES  [40 MILES ROUND TRIP]	SAVINGS PER PERSON IN A:			
	2-person carpool	\$281	\$ 332	\$ 427
	3-person carpool	361	427	553
	4-person carpool	402	474	617
	5-person carpool	425	502	654
	COST OF DRIVING TO WORK ALONE			
	Gasoline and oil	\$257	\$ 352	\$ 468
	Maintenance and repair	193	218	260
	Parking	145	145	145
	Insurance	166	176	189
	Depreciation	221	286	499
	TOTAL	\$982	\$1,177	\$1,561
	SAVINGS PER PERSON IN A:			
	2-person carpool	\$449	\$ 545	\$ 734
	3-person carpool	585	712	963
	4-person carpool	654	796	1,077
	5-person carpool	693	845	1,145

## Naylor Named Emeritus

H. Brooks Naylor has been named professor of Microbiology, emeritus following his retirement after 38 years of service at the State College of Agriculture and Life Sciences.

Naylor has taught a number of courses at introductory and advanced levels, including a course on bacterial viruses. He is most generally known for a basic course in food microbiology which he taught for many years. His research was done chiefly in the areas of bacterial viruses and microorganisms found in foods, especially dairy products. Among many other activities he served as faculty representative for the graduate field of microbiology.

Following retirement he has returned to Rio de Janeiro, Brazil, for six months to continue his work in food microbiology.

## Knapp Accepts Post

Continued from Page 1

the committee or directly to the president, and should be submitted by May 30.

Rhodes said Tuesday, "David Knapp has served Cornell with devotion and distinction for the last 10 years. He came to the University as dean of what is now the College of Human Ecology and established the foundations for the reorientation of its programs. After a period as acting provost he was appointed provost in 1974, and has guided the University through a continuing period of severe financial constraint. He leaves the whole University in his debt.

"The University of Massachusetts has made a fine choice in selecting David Knapp as its next president. All of us wish him great success in this new and challenging position."

The University of Massachusetts has some 31,000 students

on three campuses. The main one is in Amherst and is largely residential undergraduates, with some 23,000 students. A largely undergraduate commuter campus of about 7,500 students is located in Boston, and a medical college of some 400 students at Worcester.

Before he became dean of Human Ecology here, Knapp was director of the Institute of College and University Administrators of the American Council on Education. Before that he was associate director of the Study of American Colleges of Agriculture financed by the Carnegie Corp. Before that he was at the University of New Hampshire for 10 years as a government professor and assistant to the president.

A native of Syracuse, he received both bachelor's and master's degrees at Syracuse University and the Ph.D. from the University of Chicago.



# Hotel Grant to Aid Junior Colleges

The School of Hotel Administration has received an annual \$56,600 grant from The Statler Foundation for a program, which in part will support the teaching of courses in the hotel, restaurant and related fields at public two-year colleges.

Robert A. Beck, said, "I find it particularly gratifying that funds from the private sector have been made available so that the Hotel School can meet its public trust as part of the state's Land-Grant University. It is merely a continuation of the spirit of American free enterprise that

one of the world's great hotelmen, E.M. Statler, expressed in both word and deed more than 50 years ago in his support of our school."

Funds for the annual program will be used to support six graduate students interested in careers as teachers in colleges offering

programs in the various hospitality fields. While studying for advanced degrees at the Hotel School these students, as part of their training, will teach at junior colleges throughout the state as well as serve as teaching and research assistants at Cornell's Hotel School.

Beck said a number of two-year colleges have agreed to use teaching interns from the program for one or two terms each year. They are SUNY Tech College at Delhi; Paul Smith's College, Paul Smith's; Tompkins Cortland Community College, Dryden, and Luzerne County Community College, Nanticoke.

The financial support for these students is increasingly important because of inflation and cutbacks in government funds for such programs, Beck said.

He said "the Hotel School has approximately 105 graduate students in three graduate programs leading to the M.P.S., M.S. and Ph.D. degrees. Many of these highly qualified students (average age 27) need financial support. We would like to have a selected number of these students have the opportunity to acquire, and practice, teaching skills in hope that they would teach full- or part-time upon graduation, at the two- or four-year college level. The hospitality field also critically needs managers who have acquired the necessary skills to establish and supervise training of personnel."

## Cornell Salary Grades Revised

The salary ranges for CP grade positions in the Statutory units at Cornell have been revised effective April 1, 1978. The CP minimums remain the same and are equal to the current Endowed CP minimums. However, the CP control points, A, B, normal maximum and extraordinary ceiling have been adjusted upward. The adjustments vary from grade to grade on the new CP schedule.

The new CP salary schedule in the Statutory units is shown in the accompanying chart. The salary ranges for NP-grade positions in the Statutory units at Cornell were revised effective April 6, 1978. The ranges were increased 5 percent. The new NP schedule provides for increments for five years of service. The longevity steps I and II have been eliminated.

### Exempt CP Grades State Colleges, Schools and Experiment Stations Effective April 1, 1978

CP Grade	Minimum	Control			Requires SUNY Approval Extraordinary Ceiling
		Point A	Point B	Maximum	
1	\$ 8,860	\$10,606	\$12,351	\$14,097	\$15,842
2	\$ 9,990	\$10,694	\$13,085	\$15,476	\$17,867
3	\$11,230	\$14,568	\$16,372	\$18,168	\$19,955
4	\$12,670	\$15,096	\$17,442	\$19,789	\$22,135
5	\$14,210	\$18,752	\$20,603	\$22,443	\$24,275
6	\$15,970	\$19,292	\$21,696	\$24,100	\$26,504
7	\$17,920	\$23,028	\$25,009	\$27,489	\$29,962
8	\$20,190	\$24,163	\$27,301	\$30,440	\$33,578
9	\$22,660	\$26,786	\$30,062	\$33,339	\$36,615

### Non-Professional Salaries State Colleges, Schools and Experiment Stations Effective April 6, 1978

Grade	Minima	2nd Year	3rd Year	4th Year	5th Year	Inc.
NP- 1	5,639	5,901	6,163	6,425	6,687	262
NP- 2	5,865	6,140	6,415	6,690	6,965	275
NP- 3	6,165	6,454	6,743	7,032	7,321	289
NP- 4	6,456	6,760	7,064	7,368	7,672	304
NP- 5	6,773	7,093	7,413	7,733	8,053	320
NP- 6	7,152	7,487	7,822	8,157	8,492	335
NP- 7	7,565	7,913	8,261	8,609	8,957	348
NP- 8	7,997	8,361	8,725	9,089	9,453	364
NP- 9	8,454	8,834	9,214	9,594	9,974	380
NP-10	8,950	9,348	9,746	10,144	10,542	398
NP-11	9,481	9,897	10,313	10,729	11,145	416
NP-12	10,024	10,457	10,890	11,323	11,756	433
NP-13	10,624	11,077	11,530	11,983	12,436	453
NP-14	11,250	11,723	12,196	12,669	13,142	473
NP-15	11,904	12,397	12,890	13,383	13,876	493
NP-16	12,583	13,098	13,613	14,128	14,643	515
NP-17	13,304	13,846	14,388	14,930	15,472	542
NP-18	14,075	14,644	15,213	15,782	16,351	569
NP-19	14,850	15,445	16,040	16,635	17,230	595
NP-20	15,624	16,246	16,868	17,490	18,112	622
NP-21	16,469	17,118	17,767	18,416	19,065	649
NP-22	17,365	18,043	18,721	19,399	20,077	678
NP-23	18,301	19,008	19,715	20,422	21,129	707
NP-24	19,288	20,021	20,754	21,487	22,220	733
NP-25	20,366	21,131	21,896	22,661	23,426	765

The new NP schedule is shown below.

The salary ranges for CP-grade and A-grade positions in the Endowed units at Cornell have been revised effective July 1, 1978. No changes are being made in the minimum rates on either schedule. However, the CP-grade maximums have been increased 6 percent. The A-grade maximums have been increased on a decreasing sliding scale, ranging from 13.6 percent at A-11 to 6 percent at A-18 through A-24.

The new Endowed CP-grade and A-grade schedule are shown below.

### Endowed Classified Exempt Positions Effective July 1, 1978

CP-Grade	S A L A R Y R A N G E (Annual)				
	1st		3rd		
	Minimum	Quartile	Midpoint	Quartile	Maximum
01	\$ 8,860	\$10,167	\$11,474	\$12,780	\$14,087
02	9,990	11,464	12,937	14,410	15,884
03	11,230	12,886	14,543	16,200	17,856
04	12,670	14,539	16,408	18,276	20,145
05	14,210	16,306	18,402	20,498	22,594
06	15,970	18,326	20,681	23,036	25,392
07	17,920	20,563	23,206	25,850	28,493
08	20,190	23,168	26,146	29,124	32,102
09	22,660	26,873	31,086	35,299	39,512

### Endowed Classified Non-Exempt Positions Effective July 1, 1978

Classifica- tion Grade	S A L A R Y R A N G E (Annual)				
	Minimum	1st Quartile	Midpoint	3rd Quartile	Maximum
A- 9	\$ 5,134	\$ 5,888	\$ 6,643	\$ 7,398	\$ 8,152
10	5,398	6,199	7,000	7,801	8,602
11	5,685	6,536	7,387	8,238	9,090
12	5,992	6,866	7,740	8,614	9,489
13	6,301	7,198	8,095	8,992	9,890
14	6,672	7,600	8,528	9,455	10,383
15	7,040	7,999	8,957	9,916	10,874
16	7,464	8,460	9,455	10,450	11,446
17	7,874	8,905	9,936	10,967	11,998
18	8,339	9,430	10,521	11,612	12,703
19	8,871	10,040	11,210	12,380	13,549
20	9,416	10,666	11,916	13,166	14,415
21	9,974	11,306	12,638	13,970	15,302
22	10,533	11,948	13,362	14,776	16,190
23	11,125	12,626	14,128	15,630	17,132
24	11,697	13,283	14,869	16,455	18,041

## Rural Study Grants Available

Grants of up to \$1,000 to graduate students doing research on different aspects of rural development will be awarded by the Rural Development Committee of the Center for International Studies.

Proposals, the deadline for which is May 20, should be submitted to Debbie Van Galder for the committee at 170 Uris Hall. Decisions will be announced in late May, according to Van Galder, who added that flyers announcing the grants have been circulated for some time.

A total of \$4,000 is available for grants this year, she said.

The committee's concerns focus on improving the productivity and welfare of the rural majority, especially with respect to appropriate policies, institutions and technologies.

Graduate students should submit proposals including information on budget, other sources of funding, relevant research affiliations outside Cornell and schedule for work, according to Van Galder.



## White Offers Inflation Cure

Although silent now for some 60 years, a distinguished voice from America's past is warning today's U.S. senators and representatives that the only way to beat inflation is through "patience and self-denial...the rarest products of political wisdom," he adds bitingly.

The admonition is contained in a classic study on inflation written in 1876 by Andrew Dickson White, who in his day was internationally renowned as a historian, U.S. diplomat and the first president of Cornell. He died in 1918. An 80-page reprint of the

study was mailed last week to all members of the United States Congress and to key officials in the administration.

In a forwarding letter, Cornell economist George H. Hildebrand states: "The Center for the Study of the American Political Economy at Cornell University is happy to present you with a personal copy of President White's great monograph. A careful reading of it will do much to make clear the source of our present economic predicament."

Hildebrand, director of the center and the Maxwell M. Up-

son Professor of Economics and Industrial Relations at Cornell, alludes to what he considers the timeless truths White focuses on in his study titled "Fiat Money Inflation in France." White discusses the economic ruin that befell France in the period following 1789, when money was printed without control or proper backing, he argues.

The situation is similar today, Hildebrand said in an interview, saying that we are in a period of uncontrolled inflation. The inflation rate has increased from 6 to 10 percent in the past two years alone, he said.



# Bulletin of the Faculty

Speaker Peter Stein brought the meeting to order, again in the absence of a quorum, a too frequent occurrence. He first read a letter from the President expressing regret at not being able to attend and to personally extend felicitation and appreciation for the work of the Dean of the Faculty, whose last FCR meeting was presumably that of the day. The dean has been of great help and support in his, the President's, first year at Cornell. After applause for the dean, it was moved that the letter be entered into the minutes of the day. It will be done.

Following the testimonial and appreciation, Dean Saunders had to get down to business. He had four items on which to comment. He first requested the Faculty to adhere to its own rules regarding grading (which have been circulated), particularly as to the use of the grades "INC" and "NA." "INC" means the course work is incomplete and can be finished off; but the student must have a substantial equity in the course to earn it. It is not a student option. What is meant by substantial is open to question and can only be settled by departments and instructors. The grade "NA" is illegal; it is a mid-term notation only. When used at the end of the term it is an effective way for a student to by-pass a disapproved DROP petition made after the DROP period has passed. No good.

The dean called attention to compliance reviews being undertaken by certain government agencies. The Office of Civil Rights has been called on the carpet over its performance and has been charged with making a lot of reviews of Affirmative Action programs. To police these programs, the Offices of Civil Rights in various regions are getting very tough. So far Cornell has not been questioned; but the University of California got real rough treatment. If we are called up and subjected to anything similar, the Executive Committee will have to take a position; a special Faculty meeting may even be required. The eventuality has been discussed with the administration; with some, the feeling is that we should take a stand and "blow the whistle" on some of this government bureaucracy.

He reviewed the situation on the proposed mid-semester break in the Fall. A resolution recommending such a Friday-Saturday break on Oct. 13-14 was rejected at the last FCR meeting. The Campus Council response to that was to call on the provost to declare the two days a voluntary holiday, not mandated. The provost approached the Executive Committee with this. They rejected it. The feeling was that further diminution of our academic offerings would be ill advised. This was reported to the provost and was now being reported to the FCR. There was no dissent in the meeting from the committee decision; so there it stands—until the next proposal.

Finally, the dean noted the disturbances of the past month and particularly the question of Cornell's South African investments. Professor Orear has remembered a Faculty vote in May of 1968 on this question. He wrote a letter to the *Sun* reminding the community of this fact and suggesting that in ten years the Trustees should have had time to respond. The *Sun* turned the letter into a news story.

The dean dug into the history himself and found that a resolution had been presented, debated, amended, and passed in the form circulated to today's Faculty for their review at the May 17 full Faculty meeting. Actually, he

said, the Trustees did respond back then, at their meeting of June 1, 1968, although in a way not necessarily to the liking of many voting for the resolution. The dean reported also that the present Trustee's Executive Committee had only yesterday authorized a committee to examine the complete picture on the South African business and to bring in a recommendation. Some find it to be not as clear-cut a situation as others would like to believe.

The dean also reported that the Trustee Executive Committee had confirmed the election of Professor Kenneth Greisen, physics, as the next Faculty Dean. Applause greeted the dean-to-be.

The speaker then called on Professor Donald Graham for a report of the Committee on Minority Education. Professor Graham said that while the committee is two years old, this was their first report. The first year was mostly lost; two members went on sabbatic leave and the chairmanship went unfilled. This year has gone better; they have been studying the FCR policies on Minority Education, particularly the preparatory studies program and the admissions program. In preparatory studies there are 27 so called "00" courses under nine instructors employed by departments and the Learning Skills Center. Some 15 tutors are also available. Last fall there were 205 students taking advantage of the program; this spring it is down to 140, which may or may not be a good sign.

Professor Graham had a few slides citing some of the statistics. Illustrated was the fact that not all used the program who might; for instance, last year in certain biology, mathematics, chemistry and physics courses, out of 308 COSEP students enrolled, only 154 were making use of "00" courses. Shown also was the fact that student achievement was enhanced by the program. In a chemistry course, for example, 27 "users" had grades of C or better, 14 got D's, one failed, and three dropped. In the "non-users" only four did C or better, 15 got D's, two failed, and two dropped.

Favorable results were also shown in mathematics courses. COSEP students are making out as follows: in the fall of 1976, 76 percent of all COSEP students did better than 2.00 in overall average; in the spring of 1977 the figure was 79 percent; and last fall it was 76 percent again. Even so, the retention rate is not as high as desirable: in 1974 there were 233 COSEP freshmen students; in 1977-8 these had become 145 COSEP seniors; 62 percent of those entering had become seniors.

Admissions figures were of interest. In 1976, there were 1,092 applicants, of which 481 received offers; 267 of these entered. In 1977, the corresponding figures were 1,020, 481 and 277. This year they are 1,513, 506 and it is not known yet what the acceptance number will be. The figures were said to show a significant increase; and the quality was thought to be better.

What are the problems facing minority education here? Many students are made to feel that they don't belong at Cornell. Professor Graham indicated that some Faculty, some teaching assistants, and some students show displeasure with the preparatory studies program and don't support it. The magnitude of the problem is not known, he said, but whatever it is, it can not be afforded. He interpreted the attitude as not academic snobbery, but rather as racism. He wished all to show empathy for the program and its students. There is also a problem in identifying and holding good instructors in the preparatory studies. Most have done an excellent job; Ph.D. level instruction should be available, but that takes money. Furthermore, not as many use the Learning Skills Center as advantageously could. The reasons are not clear, for

the center is thought to be doing a good job for its "user" students. The committee hopes next to review the graduate program for minority students and review the hiring of minority Faculty and staff.

In a question period, Professor Harris asked about the retention percentage among majority students. It was reported that it was about 70 percent, eight percentage points above the figure for minority students. Re admissions, a question was asked why the 4 percent increase in acceptances was so much lower than the some 30 percent increase in applications this year. The discrepancy was recognized and should be looked into. Professor Potter wondered why the fraction of students taking the "00" courses was so low; maybe they felt they did not need the aid; if so, it should not seem so noteworthy. Professor Graham felt that there really were many students who could benefit from the program who did not avail themselves of it. Professor Raffensperger asked when in the term the "00" courses started; students don't panic until after the first prelim disasters; was it then too late to enter? It was pointed out that students may enter the program at any time and are encouraged to do so.

The dean next reported on the results of the recent election of members for the many Faculty committee positions. The results are appended at the end of this report. Unlike many elections, those candidates successful generally are not overjoyed; they are deserving of the thanks of the Faculty they serve for agreeing to do so. It is much harder than it should be to get persons to agree to run and serve in these various capacities. This point was made later in the meeting when there was question raised about the lack of representation of various small colleges on committees.

The dean pointed out that it was difficult to get representation on a committee of seven members, only two of which come from the FCR. The Hare system of counting also makes it difficult; some time ago in the election to the Committee on the Professional and Economic Status of the Faculty, the Hare system provided a committee entirely made up of members from the statutory colleges! He also pointed out that all Faculty members are invited (urged!) to send in nominations. Professor Williams echoed this last. Having served on nominating committees, he recognized it as an old problem without clear solution. He indicated that nominating committees LOVE to get suggestions for the slates they have to prepare.

Professor deBoer, Executive Committee chairman, announced the dates for FCR and Faculty meetings next year. There may be a possible problem with one: an FCR meeting set for Oct. 11, the day of Yom Kippur. There was no suggestion, however, that it not be held, the University otherwise conducting its normal business on that day.

At this point in the meeting, the agenda called for a motion to abandon the rules in order to authorize the next year's FCR members to meet at the end of the meeting, to nominate a slate for the next Executive Committee, the election of which could then proceed before summer. Unfortunately, there still being no quorum in attendance of this year's FCR (three short), let alone next year's (which was in even worse representation), no action could be taken, either to suspend the rules or to do anything at the end of the meeting if they had been suspended. A fine state of affairs. We would, however, try to convene the new FCR for a few minutes before the next week's full Faculty meeting, to try transacting this necessary piece of business.

There was no point in continuing, any further scheduled business requiring a vote of the

body. The speaker called for a motion to adjourn; it was not long in coming. And that's the way it was.

P.L. Hartman  
Secretary

## UNIVERSITY FACULTY ELECTION RESULTS

AT-LARGE MEMBERS, FCR — 4 seats, 3 year term:

Geoffrey V. Chester, Physics/LASSP; Michael C. Latham, Program on International Nutrition; Jason Seley, Art; Donald H. Wallace, Vegetable Crops.

REVIEW AND PROCEDURES COMMITTEE — 3 seats, 3 year term:

Neil W. Ashcroft, Physics/LASSP; Joseph Bugliari, Agr. Economics and Business Law, Dir., Legal Services; Gilbert Levine, Agricultural Engineering, Dir., Center for Environ. Research.

NOMINATIONS AND ELECTIONS COMMITTEE — 3 seats, 3 year term; 1 seat, 2 year term:

Toby Berger, Electrical Engineering; Alison P. Casarett, Radiation Biology and Assoc. Dean, Graduate School; Lucinda A. Noble, C.S.E.; Assoc. Dean, H.E. and Assoc. Dir. Coop. Ext.; Mary F. Katzenstein, Government - 2 year term.

MEMBERSHIP OF THE UNIVERSITY FACULTY - 1 seat, 3 year term:

Norman R. Scott, Chairman, Agricultural Engineering.

ACADEMIC FREEDOM AND RESPONSIBILITY COMMITTEE - 1 seat, 3 year term:

William E. Hogan, Law.

ACADEMIC PROGRAMS AND POLICIES COMMITTEE - 2 seats, 3 year term; 1 seat, 2 year term:

Carl A. Ginot, Philosophy, 2 year term; Walter R. Lynn, Civil and Environmental Engineering; Donald L. Turcotte, Geological Sciences.

BUDGET COMMITTEE - 1 seat, 3 year term:

Timothy D. Mount, Agricultural Economics. FREEDOM OF TEACHING AND LEARNING COMMITTEE - 1 seat, 3 year term:

Clive Holmes, English History. MINORITY EDUCATION COMMITTEE - 2 seats, 3 year term:

Ralph J. Gutierrez, Natural Resources; Ulric Neisser, Psychology.

PHYSICAL EDUCATION COMMITTEE - 2 seats, 3 year term:

Donald T. Farley, Electrical Engineering; George R. Livesay, Mathematics.

PROFESSIONAL AND ECONOMIC STATUS OF THE FACULTY COMMITTEE - 2 seats, 3 year term:

Lynne H. Irwin, Agricultural Engineering; John A. Nation, Electrical Engineering.

RESEARCH POLICIES COMMITTEE - 1 seat, 3 year term:

David Pimentel, Entomology.

RESEARCH POLICIES COMMITTEE - 1 non-tenured seat, 3 year term:

James P. Lassoie, Natural Resources.

UNIVERSITY-ROTC RELATIONSHIPS COMMITTEE - 2 seats, 3 year term:

Arden F. Sherf, Plant Pathology; Christine A. Shoemaker, Environmental Engineering.

COUNCIL ON PHYSICAL EDUCATION AND ATHLETICS - 1 seat, 3 year term:

Ronald E. Anderson, Plant Breeding and Biometry.

CAMPUS COUNCIL - 3 seats, 2 year term beginning May 1, 1978:

Richard D. Black, Agricultural Engineering; Carol J. Greenhouse, Anthropology; James R. McConkey, English.

## Faculty Named Professors

### Creasy

Leroy L. Creasy has been elected professor of pomology at the State College of Agriculture and Life Sciences effective July 1.

A faculty member of the Department of Pomology since 1965, Creasy is known internationally in the field of plant biochemistry.

He has done much work on the quality of apples as affected by orchard management and environmental factors, with focus on color development. He also is involved in studies of chemical factors responsible for color development in apples and natural disease resistance in grapevines.

Creasy teaches orchard management, and has served as chairman of the Pomology Curriculum Committee since 1975. He spent his sabbatical leave in

1973 as associate agricultural chemist at Washington State University.

### Tigner

Maury Tigner has been appointed professor in the Department of Physics and Laboratory of Nuclear Studies.

He has been a senior research associate and director of operations at the University's Wilson Synchrotron Laboratory for the past 10 years, with responsibility for the operation of the synchrotron facility and for its accelerator research and development program. Cornell's 12 GeV accelerator is the most energetic electron synchrotron yet constructed.

Tigner, internationally recognized as one of the outstanding men in the field of accelerator

physics, has initiated a major research and development program in the field of superconducting radio-frequency particle accelerating devices.

Most recently he has played a leading role in the design and construction of the Cornell Electron Storage Ring.

### Topoleski

Leonard D. Topoleski has been elected professor of vegetable crops at the State College of Agriculture and Life Sciences effective July 1.

Appointed to the Department of Vegetable Crops in 1962, Topoleski teaches an undergraduate course on types and kinds of vegetables grown in the Northeast and the pests and disorders encountered in their production.

## Awards

### Brickman

Ronald Brickman, assistant professor in the Program on Science, Technology and Society, has received a German Marshall Fund fellowship for 1978-79. He is one of 16 recipients of the international award this year.

The fellowship program provides support for cross-national analyses of political, economic and social issues. Its purpose is to improve understanding of issues common to advanced industrial societies. The German Marshall Fund, with headquarters in Washington, D.C., is a private foundation endowed by a gift of the West German government as a memorial to the Marshall Plan.

Brickman will explore the impact of technology and technical expertise on public policies concerning nuclear reactor safety

and the control of toxic substances in France and the United States.

### McCord

Gretchen (Sue) McCord, a lecturer in human development and family studies at the State College of Human Ecology, has received a Chancellor's award for excellence in teaching from the State University of New York.

Her recommendation for the Chancellor's award, made by faculty and students, cites the creative ideas she uses to stimulate thought and discussion, her imaginative use of materials and community resources to supplement classroom instruction, and her readiness to advise students.

McCord has been a full-time instructor of early childhood education since September 1975 and an instructor at the Cornell Nursery School, S.



# Employee Representation To Increase on Council

The Campus Council last week approved a number of charter revisions concerning its membership and election procedures, including a measure to increase employee representation.

The charter changes were proposed by the council's ad hoc review committee chaired by Robert McGinnis. Charter amendments are subject to the approval of University President Frank Rhodes, after consultation with the faculty, and are then reported to the Board of Trustees.

The council agreed to increase the number of voting members from 16 to 17, with the creation of one additional employee seat. Currently, there are seven faculty members, seven students, and two employees.

Instead of requiring the Hare system, the charter was amended so that the method of election will be determined each year by the Committee on Committees subject to the consent of the council.

The council has also added a provision requiring that voting members may not serve concurrently as University trustees, or as a member of any of the council's standing committees, except where specified in the charter.

Also added was a provision giving the council, upon the affirmative vote of at least 12 voting members, the power to remove members from the Committee on Committees or remove a chairperson from that position. The COC may also remove a member of any standing committee or remove a chairperson from that position upon an affirmative vote of at least six of its members.

In other business, the council approved editorial revisions in the University Statement on Drugs. After reviewing the revisions with several campus committees, the Dean of Faculty and the director of University Personnel Services, Elmer Meyer Jr., dean of students and assistant vice president for campus affairs, recommended that policy revisions be made to reflect better recent changes in the New York State Drug Laws and to mention faculty and staff, in addition to students.

A third revision, considered "substantive" rather than editorial by Meyer, recommends that minor drug cases, when necessary, be processed through the campus judicial system. Unless the amount of the drug or the elements of the offense constituted a felony under New York or federal law, the University judicial system could assume jurisdiction.

The council will refer this part of the statement to the Codes

and Judicial Committee, which will act on it next fall. The first two revisions will be printed in the 1978-79 Policy Notebook for Students, Faculty and Staff.

The council approved a Codes and Judicial Committee Report favoring adoption of one of the seven recommendations in the April 1, 1977 report of the President's Committee to review the Judicial System. The recommendation states that any judicial proceedings for a Campus Code violation be initiated by the Judicial Administrator within one calendar year of the date of the alleged violation.

The report lists four exceptions to this policy: 1) cases where the charge is fraud 2) when the person charged is on leave of absence, no longer employed by the University or withdrawn as a student 3) when the person charged also faces pending criminal prosecution involving the same matters and 4) in all cases the University Hearing Board may extend any period by up to an additional six calendar

months upon a petition from the Judicial Administrator and a showing of special circumstances justifying the extension.

The one year statute of limitations prevents cases hanging over from freshman year until graduation and insures that the Judicial Administrator acts expeditiously, according to Joseph Bugliari, who was chairman of the presidential committee. Dale Grossman, judicial administrator, agreed that the statute was a "wise safeguard" and that it was possible to work within the one-year time period.

The statute will be written as an amendment to the Judicial Reform and Restructuring Act of 1972 in the Policy Notebook.

The council has received from the dean of the faculty the names of three new faculty members for next year's council. They are: Carol J. Greenhouse, assistant professor of anthropology; Richard D. Black, associate professor of agricultural engineering and James R. McConkey, professor of English.

## Council Elects New Officers for 1978-79

The Campus Council has elected officers for the 1978-79 academic year. The new chairman is Robert McGinnis, professor of sociology. Gail Roy, an employee in the Department of English, was elected secretary. Susan Vogel, Arts and Sciences '79, was elected as council representative on the Committee on Committees.

The Faculty Council of Representatives Committee on the Freedom of Teaching and Learn-

ing has asked that some members of the council participate in the preparation of a document on free speech which will make recommendations to the faculty and Board of Trustees. Vogel and John Levitt, Industrial and Labor Relations '80, will be the council representatives on this matter.

Council meetings, which will begin in September, were tentatively scheduled for the second and fourth Thursdays at 4:45 p.m. in 701 Clark Hall.

## Legislature Repeals Voter Turnout Rule

The New York State Legislature has repealed a 1971 statute which indicated a 40 percent voter turnout was appropriate for the election of students and faculty trustees to the Cornell Board of Trustees by those constituencies.

The 1978 bill, signed into law recently by Gov. Hugh Carey after passage by the Legislature, and having been introduced by State Senator William T. Smith and Assemblyman Gary Lee, increased the membership-at-large from 21 to 22 and reduced to five from six the number of faculty trustees.

At the time the Legislature approved a 1971 charter amendment increasing faculty representation on the board from 4 to 6

and calling for the selection of five student trustees, it issued instructions in accompaniment of the amendment. The instructions concluded, "The Legislature considers a percentage of approximately forty percent to be adequate and as indicative of the interest of each constituency."

The "40 percent rule," as it was known at Cornell, was the source of frequent argument on campus. From the time the legislation was enacted shortly after the creation of the now-defunct University Senate, student participation in elections never reached 40 percent although faculty participation did. As a result, there has been annual concern over the validity of elections.

University Counsel Neal H. Stamp expressed his "sense of relief and satisfaction" at the repeal of what he called "an unfortunate and unfair" statute. He expressed appreciation for the statesmanship of Senator Smith and Assemblyman Lee in sponsoring the repeal legislation at the request of the Cornell Board of Trustees.



After mixing the proper chemicals in a pop bottle, Bassam Z. Shakhshiri shakes it up, removes his thumb, and — presto — a rubber rope shoots out.

## Seminars Conclude With Magic Show

A chemistry extravaganza by Bassam Z. Shakhshiri, professor in charge of freshman chemistry at the University of Wisconsin, was the finale of Cornell's General Chemistry Seminars.

The professor began by talking about curriculum innovations at UW, but his audience of several hundred was more interested in the beakers, cylinders, flasks, colored solutions and other paraphernalia that lined the entire front of the lecture hall. The

equipment had been set up earlier by Tony Doheny, lecture-demonstrator, and Joyce Ferrentino and Rick Byrnes of lab services.

Pointing out that each demonstration would require 20 or 30 minutes to develop properly in a normal lecture situation, the professor, obviously enjoying himself, went through more than 20 demonstrations in just a little more than an hour.

## American Academy Elects Cornellians

Five Cornell professors are among 107 scholars, scientists, public figures and artists elected to membership in the American Academy of Arts and Sciences at the academy's 198th annual meeting in Boston on May 3.

The Cornell faculty members elected are Archie R. Ammons, the Goldwin Smith Professor of Poetry; Urie Bronfenbrenner, professor of human development and family studies and psychology; Eugene B. Dynkin, professor of mathematics, and Carl Sagan, the David C. Duncan professor of space sciences and director of the Laboratory of Planetary Studies.

Alfred E. Kahn, listed by the academy as "Head of Civil Aeronautics Board, United States Government," was also elected. He heads the CAB while on leave

from Cornell as the Robert Julius Thorne Professor of Economics.

Founded in 1780 by John Adams and other intellectual leaders, the academy is a national honorary society with an active center on the West Coast and a developing Midwest organization in addition to its offices in Boston.

Its membership of 2,300 includes representatives from the mathematical, physical and biological sciences, as well as law, administration, public affairs, theology, fine arts and the humanities. It carries on an active program of study and publication on major national and international problems which require the expertise of several disciplines, and it recognizes outstanding contributions through a series of prizes.

## Veterinarian Cited For Terrier Study

Dr. Alexander deLahunta, chairman of the Department of Clinical Sciences and director of the Veterinary Medical Teaching Hospital, is one of three researchers nationally to receive the Ralston Purina Small Animal Research Award.

Recipients of the award, given for the first time this year, were selected by the American Veterinary Medical Association Council on Research.

Dr. deLahunta's award was made in recognition of his research on hereditary cerebellar atrophy, a degenerative brain disease of Kerry blue terriers.

Recognition of the clinical disorder can lead to identifying parents who are potential carriers of the hereditary factors responsible for this disease. The disease can ultimately be prevented by breeding only those animals proven to be free of this hereditary defect.

The award includes a plaque, an honorarium and an all-expenses-paid trip to the Ralston Purina research facilities in St. Louis, Mo.

Dr. deLahunta, whose specialties include anatomy, neuroanatomy, clinical neurology and neuropathology, is a charter diplomate of the American College of Veterinary Internal Medicine, with certifications in both internal medicine and neurology. He was elected president of the group's neurology board for a two-year term in 1976.

He holds the DVM and Ph.D. degrees from Cornell.

All items for publication in Cornell Chronicle must be submitted to the Chronicle Office, 110 Day Hall, by noon on the Monday preceding publication. Only typewritten information will be accepted.





# Arts College Finances Reviewed

Continued from Page 1

grams which have come to typify the University over the past several decades. Hence, for the future, no section of your report is more fundamental to either the College or the University than the final paragraph:

"The overall conclusion of the committee is that the college cannot carry out its current academic programs with the resources provided by the University from general purpose funds. It follows that substantial increases in the college budget must be made if the present high quality and diversity of programs are to be retained. The only alternative is a College of Arts and Sciences of reduced scale in selected areas."

For the immediate future and the budgeting of resources of the College in 1978-79, I take special note of three sets of observations in your report.

(1) *General Expense:* Over a period of time general expense support for the faculty has declined relative to both inflation and growth in numbers of academic staff. While this condition exists throughout the University, it is especially acute in the humanities and performing arts and is aggravated there in part by a large number of relatively small departments which have not had significant external funding for research and scholarship.

(2) *Administrative Support Systems:* As you, your committee, and others have learned in recent months, the college lacks administrative and budget systems adequate for an academic unit as large and complex as Arts and Sciences. Both the University and the college must make every effort to ensure that systems which will afford effective administration of resources are in place and staffed as soon as possible.

(3) *Academic Staffing:* Even after freezing a number of academic positions for 1978-79, it appears that the college has outstanding personnel commitments which exceed those of the 1977-78 base budget by over \$900,000. These commitments must be met in the coming year.

Such obligations, as well as the sections in your report on teaching loads, trends in staffing, and enrollment, highlight the central dilemma we all face in thinking about the future of the College. Growth in excess of 10 percent in faculty and teaching assistants hardly squares with a slight decline in student credit hours over the past decade.

Costs per student credit hour in Arts and Sciences are lower than those in Engineering and Architecture, Art and Planning. As your interim report in March demonstrated however, the above trends in staffing and enrollment have resulted in an increase in the cost per student credit hour in Arts and Sciences of roughly 90 percent over the past decade, which contrasts sharply with increases of 35 percent in Engineering and 28 percent in Architecture, Art and Planning. Moreover, as other data collected by your committee suggest, the college compares more than favorably in academic staffing with major state universities which have combined high status graduate programs and extensive undergraduate service teaching responsibilities. Staffing also ranks at least average among major private universities.

I trust that your committee's report will provide all of us with a

solid data base for thinking about the future. Similar studies in other units will be necessary as long range planning proceeds.

Sincerely,  
David C. Knapp  
Provost

cc-Professor Randel  
Professor Rosenberg  
Professor Smith

## REPORT OF REVIEW COMMITTEE FOR THE COLLEGE OF ARTS AND SCIENCES

The committee was charged with the task of determining the basic financial needs of the College of Arts and Sciences. Upon completion of our review of a variety of data provided by the college and the central administration, which included the audit conducted by Robert A. Scott and John A. Lambert, we held conferences with each department chairperson and members of the staff of the Office of the Dean. We discussed each operation, the degree to which it was adequately funded, and the extent to which additional support would be required to permit provision of a reasonable level of routine services to faculty and students alike.

The committee wishes to thank all of the individuals interviewed for their candor and their restraint. The level of funding requested by the departments can in no sense be construed as extravagant, nor does it allow for any major innovation or expansion of program. The requests of the Dean's Office, which exceed its present funding to a much larger extent than any single department, would permit initiation or expansion of programs which cannot be undertaken at the present level of funding. In the committee's opinion some of the programs proposed by the Dean's Office should be funded.

Were the committee's recommendations to be accepted, the administration would have to allocate nearly \$2,100,000 more to the College of Arts and Sciences than has already been budgeted for 1978-79, even though this figure includes salary increases of only 6.8 percent for all but two departments (Table 1a). (The committee attempted to identify all obligations, commitments and additional needs. On April 1, 1978 these amounted to \$2.6 million above what had been previously planned for 1978-79 with a

salary savings of only \$1.5 million. Currently anticipated salary savings of \$2.1 million, income of \$100,000 from the N.Y.S. Tuition Assistant Program and a deduction of \$48,000 for increased computer use reduces the \$2.6 million to about \$2.1 million.) The increase planned by the University for 1978-79 over 1977-78 amounts to \$1,475,000. The requested increases of the departments and Dean's Office exceed this amount by \$1,927,000 with an anticipated decline in salary savings from about \$2,250,000 in 1977-78 to \$2,100,000 in 1978-79. It should be noted that in addition to the planned increase of \$1,475,000 another \$800,000 is needed to maintain the College at the actual level of funding for 1977-78.

While the committee feels that the departmental requests are reasonable estimates of basic needs that exist throughout the college, we strongly recommend that the highest priority be assigned to increasing the funding of the departments of the Humanities and the Expressive Arts in the following categories: general expenses, other expenses, secretarial help, and hourly wages. The quality of life in those departments is abysmally low, and it should not be tolerated in a university of the distinction of Cornell.

We regret that our efforts to secure satisfactory comparative data on faculty salaries, teaching loads, and support personnel at peer institutions were largely unsuccessful.

The conclusions and recommendations of the committee are as follows:

### GENERAL SUPPORT

Increase funding over the 1977-78 budget is recommended for the departments in the amounts of \$159,000 for general expenses, \$116,000 for other expenses, \$64,000 for hourly wages, \$76,000 for equipment and computer services and \$109,000 for administrative and clerical staff to bring the support funds and services in the departments to desirable levels (Table 1 and appendix). A number of faculty and department members currently type their own correspondence and pay out of pocket for the typing of manuscripts, the xeroxing of extra copies of a manuscript which they wish to send to peers

for review, and even for duplicating special seminar and other instructional materials.

In addition to the above collective increases for the departments, it is important to restore the dean's contingency fund to \$200,000 plus significant increases in professional and support staff (\$133,000), general expenses (\$45,000), other expenses (\$118,000), and classroom equipment and renovation (\$72,000).

### FACULTY SALARIES

As in all universities Cornell's salaries for faculty have not kept pace with inflation. However, some departments in the College of Arts and Sciences can clearly demonstrate that faculty salaries are seriously below those at peer institutions. Three of these, Mathematics, Modern Languages and Linguistics, and Physics have salaries at all ranks seriously below those of peer institutions. The administration had agreed to supply funds for Mathematics and Modern Languages to bring their salaries up to the median levels for those disciplines in the institutions in

the top group in the Roosevelt-Anderson report, but was only able to provide approximately one-third of the needed funds. Astronomy, Philosophy, Romance Studies, Sociology and Russian Literature reveal inequities at one of the tenured ranks, while Biochemistry, English, Philosophy and Russian Literature have serious inequities at the assistant professor level.

The committee does not mean to imply that the remaining departments have salaries competitive with those at peer institutions; for many departments information sufficiently detailed to permit a judgement is not available.

The amount of the chairman's supplement ranges from \$1,500 to \$3,500 per year. While it is true for the most part that the chairmen of larger departments receive the larger supplements, they also have budget lines for administrative aides and executive officers. We recommend the adoption of a policy that will insure equity in the allocation of stipends to chairmen with com-

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Table 1a

BUDGET SUMMARY FOR COLLEGE OF ARTS & SCIENCES

1977-78 Planned, 1977-78 Actual, 1978-79 Estimates

	Net Budget
1877-78 Planned Budget	\$ 18,261,000
1977-78 Actual Budget	18,939,000*
1978-79 Estimated Budget (Scott-Lambert)	21,910,000
1978-79 Estimated Budget (committee)	22,312,000
from Table 1b (April) as revised May 6, 1978	21,816,000**

Difference between committee's Estimated Net Budget for 1978-79 over the Originally Planned Budget for 1977-78

	April Estimate	May 6 Estimate
In the departments	\$ 3,208,000	\$ 2,712,000
In the dean's office	843,000	843,000
Total increase over 1977-78	\$ 4,051,000	\$ 3,555,000
Less previously planned increase	- \$ 1,475,000	- \$ 1,475,000
Increase in 1978-79 budget	\$2,576,000**	\$ 2,080,000**

\*The indicated actual budget for 1977-78 is based on an audit made in February 1978. Currently it is estimated that the 1977-78 budget will be about \$150,000 more than shown in table 1b.

\*\*The expected salary savings have increased from an earlier estimate of \$1.5 million to a current estimate of \$2.1 million. This increase in salary savings due to faculty leaves will be partially off-set by additional temporary appointments costing about \$250,000. Other savings include \$100,000 from Tuition Assistance Program and the elimination of the estimated increase in computer costs of \$48,000 since the latter is not included in the general purpose budgets of the colleges.

Arts & Sciences 1977-78 Budget, 1977-78 Actual and 1978-79 Estimated Budget (\$1,000)\*

Table 1b

	Faculty Salaries	Chm. Stipends & others	Temp.	Savings	Staff Salaries	Fringes	Merit Adj.	TA Stipends & T & F	Gen. Exp.	Other Exp.	Hr. Wages	Equip.	Compt
1977-78 Bud (18,261)	10,523	82	590	-2,253	2,061	2,297	0	3,650	472	636	66	35	102
1977-78 Act (18,939)	10,486	95	857	-2,235	2,081	2,306	0	3,709	563	803	106	26	142
1978-79 Est (21,910)	10,925	96	334	-1,502	2,108	2,697	908***	4,368	642	1,009	111	54	160
Committee add. (403)	48	0	9	0	148	0	0	10	34	61	21	82	-10
1978-79 Rev. (22,312) Est.	10,973**	96	343	-1,502	2,256	2,697	908	4,378**	676	1,070	131	136	150
Revised 5/6 (21,816)	10,973**	96	593	-2,100	2,256	2,697	908	4,278	676	1,070	131	136	102
Increases in 1978-79 Revised Estimate over 1977-78 Bud													
Departments (3,208)	403	14	-247	+ 724	110	393	880	516	159	116	64	29	47
Dean's Office (843)	47	0	0	+ 27	85	7	28	212	45	318	1	72	1
Total Increase (4,051)	450	14	-247	+ 751	195	400	908	728	204	434	65	101	48
Previously planned Increases (1,475)	0	0	0	0	0	1,160		245	70	0	0	0	0
Increases over previously planned 450** (2,576)		14	-247	+ 751	195	148		483	134	434	65	101	48
Revised 5/6 (2,080)	450**	14	3	+ 153	195	148		383	134	434	65	101	0

\* These figures are from the Scott-Lambert summary for the Arts College. Their totals do not agree with totals of the departments, but the discrepancies are small.

\*\* Most of the increase shown for faculty salaries is for the filling of authorized positions which were vacant in 1977-78. As faculty positions are filled the number of temporary positions decline.

\*\*\* The Figure for merit increases includes \$113,310 for special salary adjustments in Mathematics and DMLL, but only \$36,500 is being allocated in 1978-79.

\*\* The amount shown for TA's in 1978-79 will provide 519 stipends of \$3,700 (average of 15 hr., 17.5 hr. and 20 hr. per week TA's) and 512 tuition scholarships of \$4,800 each. An allowance of \$100,000 from TAP was included in the May revision.



# Committee Urges Resource Analysis

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parable responsibilities and work-loads.

### TEACHING LOADS

Teaching loads for both faculty and teaching assistants are highly variable among the departments, but on the average they compare favorably with teaching loads at other private universities. In the Humanities, it is not uncommon for a faculty member to teach two courses one semester and three courses in the other. Few faculty in the Humanities teach fewer than two courses in each term. In the Social Sciences the teaching load is two courses each semester or two courses one semester and one course the other. There is a similar load in Mathematics. In the Sciences, the normal teaching load is one course per semester and, in some cases, a course will be taught jointly by two or more faculty members.

The teaching load for teaching assistants also varies with the heaviest being in Modern Languages and Linguistics. In the Humanities, a teaching assistant usually is responsible for a 3-hour course and devotes at least 15 hours per week to preparation, meeting the class, grading papers and holding office hours. The TAs in the Natural Sciences have more classroom contact hours, but less time may be required for preparation and grading papers. Teaching loads of TAs vary substantially even among departments in closely related disciplines. Teaching loads for TAs in excess of 15 hours per week exist in all three areas.

### TRENDS IN NUMBER OF FACULTY, TEACHING ASSISTANTS, STUDENTS, AND STUDENT CREDIT HOURS

During the 5-year period 1966-67 to 1971-72, the number of faculty in the Arts College increased from 422 to 472 or about 12 percent (Tables 2 and 3). Since 1971-72 the number of faculty has declined significantly in Mathematics and Modern Languages and Linguistics and, to a lesser degree, in six other departments. In 1978 most departments have the same number or slightly more faculty positions than in 1971-72, but they have planned for fewer temporary positions in 1978-79 than in 1977-78.

In 1966-67 many departments were able to replace people on leave with lecturers or visiting faculty. With a change in policy regarding leave contingency money, this is no longer possible without the approval of the dean. Many department chairmen find the current policy

irksome. The committee feels, however, that this policy appears to be reasonable because of the increase in the size of the faculty since 1967 (Table 2) and the fact that the number of undergraduate credit hours has remained essentially constant over the past decade. Nevertheless, the recovery of leave contingency money is less important than the preservation of the integrity of the curriculum.

The number of TAs in the College increased from 456 to 486 or nearly 7 percent between 1966-67 and 1971-72 (Tables 2 and 4). During the past seven years the number of TAs has varied from year to year, but in 1977 the number was greater than in 1971 and a further increase is proposed for 1978-79 in order to reduce the number of students per section in Economics, Mathematics and several other departments. Since overall student enrollment in Arts College courses has not increased, reallocation of current TAs could help reduce the overcrowding in courses where there have been substantial increases in enrollments.

Between 1966 and 1971, the number of undergraduate and graduate students in the College increased 13 percent and 3 percent respectively — the former at about the same rate as the faculty (Table 2). Since 1971 the number of undergraduates has increased slightly while the number of graduate students has declined by more than 10 percent. The student credit hours offered to undergraduates have remained constant over the past decade, but the graduate student credit hours taught have declined substantially in the same period.

PHYSICAL FACILITIES

The available space and its quality varies from the new or recently renovated to the shabby. Associate and full professors generally have individual offices, but in several departments tenured as well as assistant professors must share offices. The telephone arrangements in a number of units are far from ideal — too few lines, lines are not tied to a secretary's phone, inadequate means of communicating between the individual who answers the phone and the desired party. The practice rooms for Music are too few, and lack adequate soundproofing. Most of the classrooms and teaching laboratories in Physics are woefully inadequate and depressing. The committee included in its recommendation for increased funding, \$72,000 for minor classroom renovations, projectors and other classroom equipment. A sum

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Table 3 NUMBER OF FACULTY IN 1966-67 AND DURING THE PERIOD 1971 TO 1978

Department	1966 -67	1971 -72	1972 -73	1973 -74	1974 -75	1975 -76	1976 -77	1977 -78	1978 -79
Anthropology	15	17	17	15	17	15	15.5	15.5	16.0
Asian Studies	3	3	4.25	4.25	4.25	5.25	5	5	5.25
Astronomy	7	9	7.4	7.33	9.1	10	10	11	12
Biol. Sciences	22	32.2**	28.2	?	?	?	29.9	29.9	31.1
Chemistry	35.5	31.5	31	31.5	31.5	31.5	31.5	31.5	31.5
Classics	9	10.12	10.12	9.62	9.62	9.62	10.62	10.62	11.62
Comp. Lit.	?	3	4	4	4	5	5	5	5
Economics	21.5	23.75	27.75	23.75	28.25	24.75	24.5	25.5	26.77
English	44.9	45	44	45	46	44.9	46.6	42.8	46.9
Germ. Lit.	6.5	6.5	7.5	7.5	7.75	7.5	7.5	8.5	8
Government	16	31	30	30	29	29	29	29	29
History	23	28	26	23.5	24	27.5	27	27	27 (28)
Hist. of Art	7.25	11	11	11	11	10	10.5	10.69	10.69
Mathematics	47	47	45	43	44	43	44.5	43	41
MLL	30	31.38	28.38	28.38	29.38	26.38	27.38	27.38	27.38
Music	13	14	14	14	14	14	14	14	14
Near East St.	3	4	7.5	7	7	3.5	3.5	5.5	5
Philosophy	13	12.5	12.5	12.5	12	13.25	13.25	13	13
Physics	45.25	44.87	45.8	?	43.75	44	42.5	43.23	46.5
Psychology	14.75	21.5	20.5	19.5	19.4	18.8	19.8	22.96	23.46
Romance St.	17 ?	15.25	15.75	15.5	17	16	16	15	16.5
Russian Lit.	4	5	5	5	5	5	5	5	5
Sociology	14	15.83	16	16.5	16.91	16.8	16.74	15.91	14.34
Theatre Arts	10	9.75	10.3	10.3	10.6	8.3	7.2	9.5	9.5
Women's St.			0.5	1	3	2.5	2.5	1	2

\* Numbers of faculty in this table were determined by asking department chairmen to indicate the authorized positions for the respective years. There are differences between the responses of the chairmen and the number of faculty shown in the appendix table.

\*\* Includes 4 faculty in Biological Sciences transferred to Agriculture and Life Sciences in 1972.

Table 4 NUMBER OF TEACHING ASSISTANTS IN 1966-67 AND DURING PERIOD 1971 TO 1978

Department	1966 -67	1971 -72	1972 -73	1973 -74	1974 -75	1975 -76	1976 -77	1977 -78	1978 -79
Anthropology	8	10	9	9	8	8	7	7	7
Asian St.	2	2.5	2	2	1.5	?	1	1	2
Astronomy	3	4	4	6	7	6.5	6.5	6.5	6.5
Bio. Sci.	25	31	32	36	35	34	35	35	38
Chemistry	73.5	80	73	74.5	79	79	81.5	82.25	80
Classics	2	2	2	2	2	2	4.25	5.25	6
Comp. Lit.	?	5	5	6.5	9	7	7.5	7.5	8
Economics	29	27	26	30.75	29	29	29	29	32
English	35.65	32.5	32	37	38	35	39.25	40.75	41
Germ. Lit.	2	6	6	6.5	6	6	7	7	7
Government	13.75	14	18.5	22	19	17.5	18.5	18.25	19
History	21.75	27	27	26	23	22	23.5	22	25
Hist. of Art	1.1	3	3	3	3	3	5	3.5	4
Mathematics	45	50	58	60	57	55	53	50	57.33
MLL	50	44	44	44	43	45	52	51.5	52
Music	10	10	11	11.5	11	9	15.5	14.5	14.5
Near East. St.	0	0	0	0	0	0	0	0	0
Philosophy	9	8.5	9	9	8	8	8	8	8
Physics	69.3	64	64	67	63	60.5	56.5	59.5	59.5
Psychology	19	?	?	25	23	23	20	25 S 19 T&F	26 S 19.5 T&F
Romance St.	7.6	10	11	15	18	18	20.25	18.5	18
Russ. Lit.	1	3	3	3	3	3	4	3	3
Sociology	14	14	13.5	13.5	11	10	10	10	12
Theatre Arts	14	16	15	17	13.33	13	13	13.25	14
Total	455.65	485.5	490.0	526.25	509.83	494.5	517.25	515.25	536.83

CHANGES IN GENERAL PURPOSE BUDGETS FROM 1966-67 to 1976-77 (\$1000)

Table 5	PURPOSE BUDGETS FROM 1966-67 to 1976-77 (\$1000)					
	1966-67	1971-72	% increase over 1966-67	1976-77	% incr. over 71-72	over 66-67
Architecture	\$ 722	\$1,111	53.8	\$1,633*	46.9	126.0
Engineering	3,836	4,976	29.8	6,021*	21.0	60.0
Arts & Sciences	7,380	10,656	44.4	13,344*	25.2	80.8
All University	33,333	51,945	55.8	74,814	44.0	124.4
Student Aid & Loan	3,049	6,146	101.6	9,906	61.2	224.9
Plant Operations	3,631	5,131	41.3	8,182	59.5	125.3
Gen. Admin.-Gen. Expenses, Student Services	6,670	11,190	67.8	15,425	37.8	131.3

\*Colleges have funds from gifts and endowment income which are restricted for their use. In 1976-77, these amounted to \$42,000 for Architecture, \$800,000 for Engineering and \$1,160,00 for Arts and Sciences. Engineering has \$349 per undergraduate student enrolled in the College compared with \$320 for Arts and Sciences which has a much higher service-teaching load.

Table 2 TRENDS IN NUMBER OF FACULTY, TEACHING ASSISTANTS, STUDENTS AND STUDENT CREDIT HOURS TAUGHT IN THE COLLEGE OF ARTS AND SCIENCES

Year	Number of * Faculty	Number of* TAs	Number of Students Undergrad. Grad.	Number Student Undergrad. Grad.	Credit Hrs Total
1966-67	422	456	3165	1282	173,076 27,714 200,790
1971-72	472	486	3579	1324	173,383 19,788 193,171
1972-73	469	490			
1973-74	458	526			
1974-75	472	510			
1975-76	461	494			
1976-77	465	517	3625	1137	173,442 17,181 190,623
1977-78	467	515			
1978-79 Est.	478	537** (540)			

\*Number of faculty and teaching assistants was obtained from the departments.

\*\*In 1977-79 budget projections the College requests 25 TA stipends and tuition scholarships above the TAs assigned to departments. Many of the additional 25 TAs are included in the requests of the department, hence the total number of requested TAs for 1978-79 is approximately 540.



# New Grants Announced

The Office of Academic Funding announces the following new grants and contracts for sponsored programs for the Ithaca and Geneva units of the University. This list does not include renewals or continuations.

Abel, J.R., Structural Engineering, Gallagher, Structural Engineering, D.P. Greenberg, Computer Graphics, Interactive Computer Graphics for Surface Representation in Structural Mechanics, NSF, 12 months, \$66,145.

Acree, T.E., Geneva Experiment Station, Grape Color and Flavor, Welch Foods, \$30,000.

Ahimaz, F.J., Basic Studies, Afghanistan Project, AID, 6 months, \$50,000.

Ast, D.G., Materials Science & Engineering, J.M. Ballantyne, Electrical Engineering, Structure and Electronic Properties of Planar Defects in Polycrystalline Silicon, Jet Propulsion Laboratory, 24 months, \$90,000.

Ballantyne, J.M., Electrical Engineering, Program for Development of High Efficiency Solar Cells, Rockwell International, 12 months, \$142,000.

Bartel, D.L., School of Mechanical & Aerospace Engineering, The Relationship of Mechanical Factors to Disorders of the Locomotor System, NSF, 24 months, \$131,699.

Bronfenbrenner, U., Human Development and Family Studies, Study of Process in the Operation of Family Support Systems, Carnegie Corporation, 36 months, \$285,057.

Burns, J.A., Theoretical and Applied Mechanics, Consequences of Past Lunar Tides: Heating Surface Processes and Orbital Evolution, NASA, 12 months, \$21,600.

Capener, J.R., Rural Sociology, Critical Review of Strategies of Public Participation in Federally Mandated 208 Planning Policy Studies, Rockefeller Foundation, 12 months, \$11,450.

Carpenter, B., Chemistry, An Investigation of New Mechanistic Possibilities for Unimolecular Fragmentations, NSF, 12 months, \$32,000.

Chaleff, R.S., Plant Breeding, Regeneration of Plants from Single Cells of Rice, AID, 24 months, \$33,631.

Cohen, C., Chemical Engineering, Phenomenological Models of Brillouin Scattering from Polymer Solutions, American Chemical Society, 24 months, \$30,000.

Combs, G.F., Poultry Science, Relationship of Xenobiotics, Selenium and Vitamin E, NIH, 12 months, \$57,738.

Davis, T.E., Economics, Doctoral Dissertation: Elizabeth Morris: Utilization of Household Labor: Case Study in Provincial Capital of Indonesia, NSF, 12 months, \$2,600.

Doherty, R.E., Industrial and Labor Relations, Study of the Implementation of Compulsory Interest Arbitration in NYS, NYS, 12 months, \$44,785.

Dunn, J.C., Education, ISSOE Dissemination Planning - Phase I, NYS, 8 months, \$20,196.

Fadale, L.M., Education, Identification of Factors Associated with Sex Role Stereotyping in Occupational Education, NYS, 7 months, \$50,119.

Fisher, M.E., Chemistry, Department Research Equipment Grant, NSF, 18 months, \$12,900.

Ford, J.L., Department of Mental Hygiene, NYS, 9 months, \$20,376.

Ganem, B., Chemistry, Research Fellowship, Sloan Foundation, 24 months, \$19,800.

Gierasch, P.J., CRSR, Interdisciplinary Scientist for Project Galileo, Jet Propulsion Laboratory, 6 months, \$12,000.

Hammerstrom, D.W., Electrical Engi-

neering, Very Large Scale Integration Memory Techniques, NSF, 6 months, \$24,370.

Heetderks, W.J., Electrical Engineering, D.L. Tapper, Veterinary Medicine, Multiunit Study of Joint Receptors, NIH, 12 months, \$40,035.

Ingraffea, A.R., Structural Engineering, An Investigation into Mixed-Mode Fracture in Propagation in Rock, NSF, 18 months, \$24,869.

John, B.M., Rural Sociology, Health Care Education and Services Program for Migrant Children, NYS, 12 months, \$19,875.

Kallfelz, F.A., Veterinary College, Hospital for Special Surgery, Mechanical Factors Affecting Fluid Transport in Joints, 12 months, \$73,732.

Kaufman, J.J., International Labor and Relations, Quality of Work Improvement Program, Con Edison, 18 months, \$72,559.

Keeton, W.T., Neurobiology & Behavior, Sensory Mechanisms of the Homing Pigeon, NSF, 12 months, \$37,874.

Kelley, M.C., Electrical Engineering, Rocket Investigation of Neutral Atmosphere - Ionosphere Coupling and Planetary Electrodynamics, NASA, 12 months, \$50,975.

Kuckes, A.F., Applied and Engineering Physics, Application of a Controlled Source Electromagnetic Method to a Search for Changes in Electrical Conductivity in the Earth's Crust, Geological Survey, 12 months, \$39,947.

Leavitt & Sirlin, Johnson Museum, Architecture and Media-Visual Communication in Environmental Design, Graham Foundation, 12 months, \$6,000.

Lucas, W.F., Operations Research, Fourth International Workshop on Game Theory, ARMY, 12 months, \$4,500.

Lucas, W.F., Operations Research, Fourth International Workshop on Game Theory, NSF, 12 months, \$11,907.

McGregor, D.D., Veterinary College, Immunity to Parasitic Investigation, NIH, 12 months, \$69,154.

Meinwald, J., Chemistry, Pederin Synthesis Via a Chiral Precursor, NIH, 12 months, \$28,763.

Metz, J.F., International Agricultural Development, Support of Field Research in Malaysia, Rockefeller Foundation, 15 months, \$4,000.

Mills, E.L., Natural Resources, Studies of Primary and Secondary Production, Benthic Organisms and Water Chemistry in Relations to Demonstration Activities in the St. Lawrence River, NYS, 9 months, \$42,000.

Moffat, J.K., Biochemistry, Calcium Binding Proteins: Structure and Function, NIH, 12 months, \$21,000.

Nerode, A., Mathematics, History of Mathematics Modules, NSF, 6 months, \$25,000.

Ott, E., Laboratory of Plasma Studies, Theoretical Studies of Physical Processes in Intense Ion Beams, NSF, 12 months, \$38,000.

Pimentel, D., Entomology, Energy Use and Conservation in Food and Nutrition Systems, Department of Energy, 12 months, \$15,736.

Pimentel, D., Entomology, Environmental Policy Analysis for Agriculture and Society, Rockefeller Foundation, 24 months, \$30,000.

Pough, F.H., Ecology and Systematics, An Integrated Study of the Ecology, Adaptations and Evolution of Three Species of Puerto Rican Frogs, NSF, 12 months, \$56,397.

Richardson, R.C., LASSP, Low Temperature Properties of 3HE, NSF, 12 months, \$79,000.

Ruderman, E.R., Human Ecology, WCBs Daily "Consumer News", CBS Radio, 12 months, \$2,500.

Sagan, C.E., CRSR, Interdisciplinary Scientist for Project Galileo, Jet Propulsion Laboratory, 6 months, \$8,500.

Saltzman, S., Program in Urban and Regional Studies, Development of a NYS Energy Forecasting Model, National Consumer Law Center, Inc., 8 months, \$30,000.

Shuler, M.L., Chemical Engineering, Enhancement of Product Formation From Plant Cell Suspension Cultures, NSF, 24 months, \$59,993.

Silsbee, R.H., LASSP, Data Acquisition System for Magnetic Resonance Laboratories, NSF, 12 months, \$15,795.

Stein, S.W., Program in Urban and Regional Studies, Survey of Historic Buildings in Cayuga County, Cayuga County Planning Board, 3 months, \$2,000.

Tye, B., Biochemistry, DNA Replication and Repair in E. Coli, NIH, 12 months, \$41,153.

Veverka, J.F., CRSR, Imaging Team Member for Project Galileo, Jet Propulsion Laboratory, 6 months, \$7,520.

Wallace, B., Genetics, Developmental and Evolutionary Genetics of Drosophila, NIH, 12 months, \$25,480.

Wiesenfeld, J.R., Chemistry, Laser-Induced Photodissociation Spectroscopy

of B Zone and Nitrogen Dioxide, American Chemical Society, 24 months, \$30,000.

Wiesenfeld, J.R., Chemistry, Photochemistry of Small Chlorinated Molecules, Manufacturing Chemists Association, 12 months, \$20,740.

Wilson, D.B., Biochemistry, Isolation and Characterization of the Lambda S Gene Product, NIH, 12 months, \$26,790.

Wolff, J.U., Modern Languages, Summer Language in Indonesia, Office of Education, 5 months, \$52,000.

Youngs, W.D., Natural Resources, Population Dynamics of Largemouth and Smallmouth Bass in New York Waters, Department of Environmental Conservation, 12 months, \$25,000.

## Physiologist Heads Section, Department

William Hansel, professor of animal physiology at Cornell University, has been appointed chairman of the Department of Physical Biology at the State College of Veterinary Medicine, subject to approval by the University Board of Trustees.

In this capacity, he also will serve as the first chairman of the newly created Section of Physiology of the Division of Biological Sciences. The section was established in 1976 in order to unite the many animal physiologists working in different units of the University. Its members include faculty from the College of Veterinary Medicine (many of whom are also members of the Department of Physical Biology), the College of Arts and Sciences and the College of Agriculture and Life Sciences.

As chairman of the department and section, Hansel expects to seek major support for research programs in reproduction and neurophysiology and to continue efforts in endocrinology, food intake and metabolism. The section also has taken responsibility for the undergraduate curriculum in physiology and plays a pivotal role in graduate training and research.

The author or co-author of more than 160 scientific articles

## Latham Recognized For Nutrition Work

The government of Tanzania has honored Michael Latham, a Cornell professor of nutrition, for the eight years he spent working on that country's nutrition problems.

In dedicating the new Tanzania Food and Nutrition Centre in Dar-es-Salaam, Ndugu Dr. Stirling, the Minister for Health, cited Latham as the "prime mover" in founding that facility. The Tanza-

nian minister also awarded the nutritionist a "Food Cycle Trophy" which was engraved in Swahili to read "Presented to Brother Dr. Michael Latham in great praise of his work for nutrition."

The award was not Latham's first international recognition. In 1966, Her Majesty Queen Elizabeth II of Great Britain awarded him the Order of the British Empire for his distinguished service in East Africa. Also, on the occasion of the tenth anniversary of independence, Latham was invited back to Tanzania by President Julius Nyerere as one of the President's 20 personal foreign guests.

As director of the nutrition unit of the country's ministry of health, Latham had been Tanzania's leading authority on the treatment and prevention of nutrition problems. In two separate periods of serious famines, he played a leading role in shaping and administering the relief activities of international health organizations that responded to the emergencies.



## Civil Engineering Director Chosen

Richard N. White, a member of the Cornell faculty since 1961, has been elected director of the School of Civil and Environmental Engineering for a five-year term starting July 1. He succeeds Walter Lynn, director of the school since 1970. The school is the oldest unit in the College of Engineering and currently has one of the largest group of graduate students in the University.

A professor of structural engineering, White is widely known

in engineering circles for his research on reinforced concrete models, especially for nuclear reactor vessels, shell roof structures, and building frames subjected to severe loadings.

He is also concerned with the effects of earthquakes on nuclear containment vessels and other thick-walled concrete structures. He has published extensively in professional journals and is one of three Cornell authors of a series of four texts on structural engineering.

## Arts College Needs Reviewed

Continued from Page 13

several times greater would be needed to upgrade all of the inadequate facilities in the College.

Facilities for the Performing Arts are too small for many productions and existing facilities cannot be upgraded to meet the needs of Theatre Arts and Dance. The estimated cost for desired facilities is overwhelming — from \$12 to \$18 million.

The College (University) needs several more modern classrooms with ample blackboard space which will accommodate 250 to 500 students each.

### UNIVERSITY BUDGET

The committee notes that over the past decade the budgets of the administrative and service units of the University have increased at a greater rate than have the budgets of at least three endowed academic units — Arts and Sciences; Architecture, Art and Planning; and Engineering (Table 5). The committee lacks the necessary comparative data to make a valid assessment of relative levels of support in relation to responsibilities, but is not convinced that the allocation of resources is an accurate reflection of need and responsibilities. It urges the University administration to make in-depth analyses of the resources currently allocated to all units being

supported on general purpose funds with the aim of making selective reallocations to meet high priority needs.

At first glance, it would appear that the increased allocation of general purpose funds to the Arts College has kept pace with inflation, but closer examination reveals that a significant portion of the increased funding was required to offset University-approved commitments made in the 1960's for faculty and TA positions initially funded on research and training grants. It should be noted also that the 80 percent increase in the budget between 1966-67 and 1976-77 includes the increased cost of an additional 43 faculty and 61 TA positions.

The University budget, in its present format, does not make clear to the College and the departments the number of authorized, ongoing positions in all categories — faculty, lecturers, support staff, teaching assistants — and the total amount of money required to support these positions. The committee urges the administration to make these figures explicit in each budget. The amount of money to be saved as a result of leaves and unfilled positions should be indicated separately. It is reasonable to expect that the College

will generate such savings, but it is unrealistic to expect that they will regularly amount to as much as \$2 million each year.

The committee is particularly concerned that the 1977-78 budget does not show the full dollar value of the stipends and tuition scholarships for the authorized number of teaching assistants. Wherever the fault for this may lie, future college and departmental budgets should indicate the number of authorized stipends with an allocation of dollars and a separate line for the number of tuition scholarships with the appropriate level of funding. These listings should be independent of estimated income from the New York Tuition Assistance Program (TAP).

The overall conclusion of the committee is that the College cannot carry out its current academic programs with the resources provided by the University from general purpose funds. It follows that substantial increases in the College budget must be made if the present high quality and diversity of programs are to be retained. The only alternative is a College of Arts and Sciences of reduced scale in selected areas.

Don M. Randel  
Alex Rosenberg  
Robert J. Smith  
W. Keith Kennedy

## Samson Named To Office

Ethel Samson, associate professor of Cooperative Extension at the State College of Human Ecology was named president-elect of the State Home Economics Association at its recent meeting at Kiamesha Lake, N.Y.

Samson's term will begin Aug. 1, and she will assume the presidency of the association in 1979 for a two-year term. She previously held several other positions including treasurer, nominating chairman and president of the southern district.

The association consists of 2,200 members involved in home economics in education, industry, research and government.



# Students Win Prizes, Awards

## Seniors Recognized for Achievements

### Bianconi

Susan J. Bianconi of Barberton, Ohio, a senior in the College of Arts and Sciences has been awarded a 1978 Marshall Scholarship. Thirty scholarships are awarded nationally every year out of a pool of some 1,000 applicants.

Bianconi is one of four Mid-Eastern regional scholars. The region includes part of New York State, the District of Columbia and nine other states. Twenty awards are made in five regions to the most promising candidates. The 10 other recipients are "scholars at large."

Bianconi will receive approximately \$5,800 a year for two years of graduate study at Oxford University. She plans to study 17th-century English literature at Brasenose College there.

The Marshall Scholarship program was established in 1953 by the United Kingdom government as an expression of gratitude for economic aid provided by the United States after World War II under the Marshall Plan.

The purpose of the program is to enable U.S. citizens, who are graduates of U.S. colleges and universities, to study for a degree at a United Kingdom university for at least two academic years. The program is open to men and women who have not reached their 26th birthday on Oct. 1 of the year of application.

### Cohen

Jonathan Cohen of Long Beach, N.Y., a senior, has won the 1978 Arthur Lynn Andrews Prize of \$100 for short story writing.

Second prizes of \$50 each were awarded to Amyas Naegele, a senior from New York

City, and David Margolis, a graduate student from San Francisco. Andrea Kartal, a junior from Cincinnati, received honorable mention.

Daniel R. Schwarz, associate professor of English and chairman of the selection committee, made the announcement of the winners of the competition which was established in 1965 in memory of Arthur Lynn Andrews, an 1893 Cornell graduate.

### Grinberg

Eric Grinberg, a senior in the College of Arts and Sciences, has been awarded a Winston Churchill Foundation scholarship and a National Science Foundation fellowship for study in the Mathematical Tripos Program of Cambridge University, England. The Tripos Program is based on mathematical analysis of the work of Sir Isaac Newton.

Grinberg has decided to accept the three-year NSF fellowship to support his studies rather than the one-year Churchill award. His studies at Cambridge would be the same under either program.

Grinberg is majoring in mathematics at Cornell, but also is completing the honors sequence of courses for the physics major. He will complete his undergraduate education after three years rather than the normal four.

At Cornell he is president of the Undergraduate Mathematics Society, for which he has organized a series of lectures designed to supplement the undergraduate mathematics education program.

## Graduate Students Receive Awards

### Anderson

### Hathaway

Mark Anderson of Wichita, Kan., and James Hathaway of Ithaca, both graduate students in the Department of English, have been named co-winners of the 1978 Corson-Bishop Prize for Poetry. Each will receive \$250.

Anderson is a Ph.D. candidate who holds a bachelor's and a master of fine arts degree from Cornell. He has published poetry in *Epoch*, *Stardancer* and *Wind*.

Hathaway, an MFA candidate, holds a bachelor's degree from Cornell. His book of poems, "Foraging," was published recently by Ithaca House. He is editor of *Rainy Day* and was on the editorial staff of *Epoch*. His poems have appeared in such places as *Moosehead Review*, *Granite* and *New Orleans Review*.

### Falahee

### Isaacman

### Schumann

Three graduate students have won cash awards from the Cornell Chapter of the Society of Sigma Xi for their popular articles on topics in the physical and biological sciences.

Kenneth J. Falahee of Michigan Center, Mich. received the first prize of \$250 for his article "Cancer: What Has Science Revealed?" Falahee is studying nutritional biochemistry at Cornell.

Richard Isaacman of Philadelphia, Pa. and Gail Schumann of Ithaca each received a second prize of \$50. Isaacman, who is studying astronomy, wrote on "The Dying Stars." Schumann, who is studying plant pathology, wrote on "Potatoes and Plant Virology."

Sigma Xi, which sponsored the essay contest for the first time this year, plans to make the competition an annual event.

### Forman

Steven Forman, a graduate student in architectural design, has won a 1978 Travelling Fellowship in Architecture co-sponsored by the American Academy in Rome and the National Institute for Architectural Education.

The prize includes six months of study in Rome and Europe and a \$3,500 stipend to defray living and traveling expenses. Two months of the six-month period will be spent in the American Academy in Rome, all expenses paid.

Forman earned a bachelor of architecture degree at Cooper Union in New York City and is working towards a master of architecture degree at Cornell.

### Sigma Xi Awards

Eleven graduate students in various sciences at Cornell University have been awarded grants-in-aid by the Cornell Chapter of the Society of the Sigma Xi.

### McNear

### Rossiter

Seniors Deborah J. McNear of Summit, N.J., and Winton G. Rossiter of Trumansburg, have been named co-winners of the 1978 Lance Cooper Prize of \$100.

The prize is given annually to "the student who demonstrates greatest promise for the application of classical learning to the problems of modern life." Candidates are nominated by the departments of history, government and classics; McNear is a classics major, Rossiter is a history major.

The prize was established by an anonymous donor in the name of Lance Cooper, a classics professor, who taught at Cornell early in the 20th century.

### Probst

Bruce Probst, who performed the title role in the Cornell University Theater's recent production of "Cyrano de Bergerac," has been recognized as one of the best talents of 50 actors who attended National Auditions in Chicago earlier this month.

National Auditions is for outstanding graduating students in acting, as selected from the nation's leading theater training institutions. Artistic directors from 30 of the leading resident theaters in the United States evaluated the auditions.

In addition to Cyrano, Probst, who will receive a MFA degree in Theater Arts at Cornell this year, appeared this season as Friar Laurence in "Romeo and Juliet" and Shpichelsky in "A Month in the Country."

The grants are awarded annually for the best research proposals submitted to the society by graduate students in the sciences. Receiving awards at the society's annual banquet in early May were:

Dennis S. Albaugh (geological sciences), Eliot A. Brenowitz (neurobiology and behavior), Wallace Dominey (neurobiology and behavior), Linda C. Jackson (veterinary medicine), Dorothy L. Mammen (neurobiology and behavior), Thomas F. O'Brien (geological sciences), Sharman D. O'Neill (botany), Gordon Rodda (neurobiology and behavior), Steven O. Russo (chemistry), Harold H. Zakon (neurobiology and behavior) and Gary P. Zientara (chemistry).

### Yudkin

Marcia Yudkin of Ithaca, a graduate student in the Department of Philosophy, has won the 1977-78 Mary B. Knoblauch Prize of \$75 for her essay, "Transsexualism and Women: A Critical Perspective."

The Knoblauch Prize was founded in 1952 by George Garfunkel and Elinor Byrns, executors under the will of the donor, to provide an annual award for the best essay discussing the history or the problems, present and future, of the struggles for equal rights for women.

This is the final year the award will be given, according to Rhoda Posen, acting director of the Women's Studies Program at Cornell.

## Undergraduates Honored For Writing, Scholarship

### Eck

Suzanne Eck of Morristown, N.J., a freshman, is the winner of the first Elmer Markham Johnson Prize of \$50 for a freshman English paper.

Eck is "that freshman whose paper in freshman English, offered during the year in response to a teacher assignment in class, (was) adjudged in competition to be the best." Her paper, titled "The Isle of Avalon," is an imagined sequel to one of T.H. White's Arthurian romances, and was written for Medieval Studies 102.

This is the first year in which the competition was held. The announcement was made by Jonathan Bishop, professor of English.

### Schuerger

Margaret Schuerger, Cornell Class of 1979, is this year's recipient of the University's Society of Women Engineers Outstanding Junior Award.

The award is made possible by a grant from Union Carbide and includes a \$150 cash prize. It is based on involvement in the society and campus activities, and on scholarship.

Schuerger, who is from Monroeville, Pa., is majoring in operations research and industrial engineering. This spring she was nominated to Tau Beta Pi, the engineering honor society. Last fall, she edited and distributed the SWE Resume Book. She is also a member of the sailing team.

### Whalen

John Whalen of Greenville, Tenn., a sophomore, has won the first Dorothy Sugerman Poetry Prize of \$100.

The prize, established in 1978 by Hymen Yudewitz, will be awarded annually to the undergraduate who submits the best poem, or collection of poems, of 100 lines or more.

Honorable mentions were extended to Lenore Kletter, a senior from Tenafly, N.J.; Victoria Bennett, a junior from Beckley, W. Va., and Martin Cernek, a sophomore from Norwood, Mass.

The results of the competition were announced by Kenneth McCane, acting assistant professor of English, for the Sugarman Prize committee.

## ILR's Huttar Wins Chancellor's Award

James E. Huttar, director of special programs and school relations for the State School of Industrial and Labor Relations is a 1978 winner of a Chancellor's Award for Excellence from the State University of New York.

Huttar, one of 94 faculty and staff members on 40 SUNY campuses honored this year, won his \$500 award in the "professional service" category. Organized last year, that category's awards "make possible a truer recognition of the efforts of the entire University community," according to SUNY officials.

A 1962 graduate of Cornell's ILR School, Huttar assumed his current positions in 1969.

He began as director of ILR on-campus training programs. Now he heads special programs and school relations with man-

agement and labor institutions, legislative officials and executive agencies in Albany, New York City and Washington, D.C., as well as development sources and alumni who support the school's work.

Robert B. McKersie, dean of the ILR School, said he is "delighted" with Huttar's selection, and that "the school, and a wide variety of groups both inside and outside, are superbly served by his special talents."

Among Huttar's accomplishments for the school, McKersie pointed to the development of an internship program in Albany, the creation of an ILR School placement office, expanded alumni activities, initiation of a successful fund-raising program and establishment and improvement of publications.

## Alumna Is Luce Scholar

Kathryne L. Bernick of Indialantic, Fla., a 1973 graduate of Cornell, is one of 15 national winners of the Luce Scholarship, which provides Americans with 10 months of living and working in an Asian culture, plus a stipend of \$9,000.

Bernick is only the second Cornellian awarded the Luce

Scholarship since the program started in 1974.

Aimed at Americans from a wide range of professional backgrounds, the program is unique among Asian-American exchange programs in selecting candidates who have no prior experience in Asian affairs, according to a Luce Foundation report.

## NSF to Provide Funding For Cooperative Research

The National Science Foundation will provide funding to encourage cooperative research between industry and universities. Universities produce knowledge and trained manpower, and industry translates knowledge into socially and economically useful developments; NSF seeks to strengthen the ties between these two resources.

Proposals must be prepared jointly. There is no deadline. Research should focus on fundamental scientific questions rather than on technological development. Awards will be made either to an institution or an industrial organization as appropriate.

Further information is available at the Office of Academic Funding, 123 Day Hall.



# Calendar

May 18—28

All items for the Chronicle Calendar must be submitted by mail or in person to Fran Apgar, Office of Central Reservations, 32 Willard Straight Hall, at least 7 days prior to publication of the Chronicle.

## \* Admission charged

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

## Thursday, May 18

12 noon. Bible Study. Episcopal Church at Cornell. Everyone welcome. Anabel Taylor G-3.  
12 noon. Catholic confessions. Anabel Taylor G-24.  
12:15 p.m. Catholic Mass. All welcome. Anabel Taylor G-19.  
7 p.m. The Christian Science Organization welcomes students, staff and campus visitors to the weekly readings and testimonies meeting. Anabel Taylor Founders Room.  
8 p.m. \*Cornell Cinema presents "Psycho." Uris Hall Auditorium.

## Friday, May 19

12 noon. Catholic confessions. Anabel Taylor G-24.  
12:15 p.m. Catholic Mass. All welcome. Anabel Taylor G-19.  
1 p.m. SALAT-AL-JUMA (Friday prayer for Muslims). Anabel Taylor Edwards Room.  
3:30 p.m. The 5th Annual Educational Psychology Colloquium: "Alternative Theories of Reading Disability: A Review of Current Research." Frank R. Vellutino, director, Child Research and Study Center, Warren 401.

## Bulletin Board

### Women in the Work World

Women in the Work World will present a film, "Preventive Inquiry," and a discussion led by four women concerned about rape: a University service officer, a University patrol officer, a psychiatric social worker from Gannett Clinic and a representative from Women for a Safer Community. The program will be held at 12:15 p.m., Wednesday, May 31 in Uris Hall 202. The program is open to the campus community.

### Swimming Clinic at Cornell

Swimming lessons for adults will be offered weekdays at Helen Newman Hall. The first session will be held June 5 to 16; the second session will be held June 19 to 30. For more information call Mary Jane Berry at 256-5133.

### AAUP Cancels Meeting

The Cornell Chapter of the American Association of University Professors has announced that the meeting of faculty with President Frank Rhodes scheduled for 4:40 p.m. May 31 has been cancelled until further notice, according to Roger M. Battistella, president of the AAUP Cornell Chapter.

## Carter Reappoints McKelvey

Jean T. McKelvey, professor emeritus in the State School of Industrial and Labor Relations, has been reappointed by President Carter to the Federal Service Impasse Panel.

McKelvey, who has been a member of the panel since its inception in 1970, described the panel as "an independent neutral agency created by Executive Order to handle all negotiation impasses in contract disputes between government agencies and unions." Some two million

federal employees are under the panel's jurisdiction.

Another member of the five-man, two-woman panel is Charles J. Morris, labor arbitrator and professor of law at Southern Methodist University, and a visiting professor at Cornell's ILR School this year and next.

McKelvey said that 90 percent of the cases brought to the panel

are settled before or during fact-finding hearings.

McKelvey, an authority on labor relations, collective bargaining and arbitration, has been a member of Cornell's ILR faculty since the school was founded in 1946. She was elected to emeritus status in 1973 and has continued teaching on a part-time basis.

7 & 9 p.m. \*Cornell Cinema presents "What's Up Tiger Lily." Straight Theatre.  
7:15 p.m. Shabbat Services (Orthodox). Young Israel.

## Saturday, May 20

9:30 a.m. Shabbat Services (Orthodox). Anabel Taylor Edwards Room.  
4:30 p.m. Catholic confessions. Anabel Taylor G-24.  
5:15 p.m. Catholic Mass. All welcome. Anabel Taylor Auditorium.  
7 & 9 p.m. \*Cornell Cinema presents "What's Up Tiger Lily?" Straight Theatre.

## Sunday, May 21

9:30 & 11 a.m. Catholic Mass. All welcome. Coffee hour follows Mass. Anabel Taylor Auditorium.  
9:30 a.m. Episcopal Church Worship Service. Sunday school and nursery provided. Anabel Taylor Chapel.  
10 a.m. Ithaca Society of Friends (Quakers). Discussion and First Day School. Babysitting provided. Anabel Taylor Forum.  
11 a.m. Ithaca Society of Friends (Quakers). Meeting for worship. Anabel Taylor Forum.  
11 a.m. Sage Chapel Convocation: John F. Robbins, CSB, University Catholic Chaplain, Cornell.  
11:15 a.m. Protestant Church at Cornell. Anabel Taylor Chapel.  
7 p.m. Ellen Marchilde and Gerald Wolfe will give a flute and harpsichord recital. Works of Quantz, Byrd, Tompkins, Handel, Scarlatti, Bach, Couperin. Free and open to the public. Anabel Taylor Founders Room.  
8 p.m. \*Cornell Cinema presents "Tom Jones." Uris Hall Auditorium.

## Monday, May 22

12 noon. Catholic confessions. Anabel Taylor G-24.  
12:15 p.m. Catholic Mass. All welcome. Anabel Taylor G-19.  
8 p.m. \*Cornell Cinema presents an evening of short films by French, American, and Canadian film-makers: Clair, Vigo, Marker, Keaton, Hudina, McLaren and others. Uris Hall Auditorium.

## Tuesday, May 23

12 noon. Catholic confessions. Anabel Taylor G-24.  
12:15 p.m. Catholic Mass. All welcome. Anabel Taylor G-19.  
8 p.m. \*Cornell Cinema presents "The Seventh Seal." Uris Hall Auditorium.

## Wednesday, May 24

12 noon Catholic confessions. Anabel Taylor G-24.  
12:15 p.m. Catholic Mass. All welcome. Anabel Taylor G-24.  
8 p.m. \*Cornell Cinema presents "A Streetcar Named Desire." Uris Hall Auditorium.

## Thursday, May 25

12 noon. Bible Study. Episcopal Church at Cornell. Everyone welcome. Anabel Taylor G-3.  
12 noon. Catholic confessions. Anabel Taylor G-24.  
12:15 p.m. Catholic Mass. All welcome. Anabel Taylor G-19.  
8 p.m. \*Cornell Cinema presents "It Happened One Night." Uris Hall Auditorium.

## Friday, May 26

12 noon. Catholic confessions. Anabel Taylor G-24.  
12:15 p.m. Catholic Mass. All welcome. Anabel Taylor G-19.  
1 p.m. SALAT-AL-JUMA (Friday prayer for Muslims). Anabel Taylor Edwards Room.  
5:15 p.m. Catholic Mass. All welcome. Anabel Taylor G-19.  
7:15 p.m. Shabbat Services (Orthodox). Young Israel.  
8 p.m. \*Cornell Cinema presents "The Graduate." Uris Hall Auditorium.

## Saturday, May 27

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

a.m. Cornell Heavyweight Crew - Pennsylvania. Cayuga Inlet Flood Control.

4:30 p.m. Catholic confessions. Anabel Taylor G-24.

5:15 p.m. Catholic Mass. All welcome. Anabel Taylor Auditorium.

8:15 p.m. Department of Music presents Chamber Music. Works of Bach, Brahms, Handel and Mozart flute quartet completion by Rosenbloom. Barnes Auditorium.

## Sunday, May 28

9:30 & 11 a.m. Catholic Mass. All welcome. Coffee hour follows Mass. Anabel Taylor Auditorium.  
9:30 a.m. Episcopal Church Worship Service. Sunday school and nursery provided. Anabel Taylor Chapel.  
10 a.m. Ithaca Society of Friends (Quakers). Discussion and First Day School. Babysitting provided. Anabel Taylor Forum.  
11 a.m. Ithaca Society of Friends (Quakers). Meeting for worship. Anabel Taylor Forum.  
11 a.m. Sage Chapel Convocation Honoring Graduates and Retirees: W. Jack Lewis, director, Cornell United Religious Work.  
11:15 a.m. Protestant Church at Cornell. Anabel Taylor Chapel.  
2:30 p.m. Department of Music presents Cornell Wind Ensemble conducted by Marice Stith. Program of marches, overtures and band music for festive occasions. Libe Slope. Bailey Hall in case of rain.  
8:15 p.m. \*Senior Week Concert. Cornell University Glee Club conducted by Thomas A. Sokol. Bailey Hall.

## Announcements

University Registration Fall 1978. Due to a procedure change in the University Registration, there will be a summer mailing from the University Registrar's Office containing all the information and instructions. Please watch for this mailing.

## Exhibits

Olin Library: "Infinite Variety: Life in Eighteenth Century England, from formal gardens and Chippendale furniture to slave ships and grog shops." through July 25.

Uris Library: "Beyond Disability: Toward a barrier-free environment." Functional aids for the disabled. Through June 5.

Herbert F. Johnson Museum: "Sara Roby Foundation Collection: Selections," through June 4; "The Enchanted Domain," through May 28; "Fernand Leger: Mural Sketches," through June 4; "Cornell Then, Sculpture Now," May 21 through July 16; "New York State Artists Series IV," May 23 through July 2; "Paces," Dance/Video, May 18 and 19 at 8:15 p.m. A color video tape documenting the creation and development of a dance, made by Community Animation, will precede a live performance of the dance. Choreographer is Jane Desmond. Free and open to the public.

## Special Seminars

### Biological Sciences

BIOCHEMISTRY: "The Regulation of Fatty Acid Synthesis in Mammalian Liver," John W. Porter, University of Wisconsin, 4:30 p.m., Friday, May 19, Stocking 204.

BIOCHEMISTRY: "Ligand Binding and Conformational Change in Fish Hemoglobin," Wilma Saffran, 12:20 p.m., Monday, May 22, Wing Hall Library.

BIOCHEMISTRY: "Transcription of OX 174," Ali Szalay, Boyce Thompson Institute for Plant Research, 12:20 p.m., Monday, May 29, Wing Hall Library.

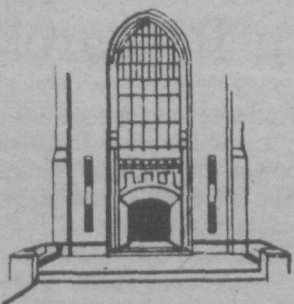
ECOLOGY AND SYSTEMATICS: "Observations in Scots Pine Forests—Aims and Results from an Ongoing Ecosystem Project," Folke Andersson, Swedish Coniferous Forest Project, Uppsala, 4:30 p.m., Thursday, May 18, Langmuir Penthouse.

GENETICS TRAINING: "Population Biology of Drosophila and Yeast in the Sonoran Desert," Tom Starmer, Syracuse University, 4 p.m., Tuesday, May 23, Emerson 135.

### Veterinary Medicine

MICROBIOLOGY/PATHOLOGY: "Myogenesis and Reactions of Muscle to Disease," Alan Kelly, University of Pennsylvania, 4:30 p.m., Wednesday, May 24, Vet Research Tower G-3.

## A Rainy Day in May



Willard Straight Hall

## Heppel

Leon A. Heppel, professor in the Cornell University Section of Biochemistry, Molecular and Cell Biology, has received the 1978 3M Life Science Award from the Federation of American Societies for Experimental Biology. The award is sponsored by the Minnesota Mining and Manufacturing Co.

The award was given in recognition of Heppel's work on active transport mechanisms and for his earlier studies on nucleic acid biochemistry.

Two members of the Spanish section of the Department of

Romance Studies have been awarded summer stipends by the National Endowment for the Humanities, according to Philip E. Lewis, acting chairman of the department.

## Kronik Santi

John W. Kronik, professor of Romance studies, will be completing a study, titled "Stage and Spectator in the Theater of Antonio Buero Vallejo." Enrico Mario Santi, assistant professor of Romance studies, will be engaged in research on the modern long poem in Hispanic poetry.