



## Bicyclists Race to Raise Funds

Raising funds for multiple sclerosis cyclists race around the center of the campus. Some 80 competitors from throughout the Finger Lakes took part in 10 races for novice and experienced riders on Sunday from 9:30 a.m. to 4:30 p.m. The top winner from Cornell was Andrew Ross, Engineering '80. He won the senior 25-mile race.

## Glock Decision to Be Appealed

The University will appeal to the Second Circuit Court of Appeals in New York City from the decision of the Federal District Court in an action involving mandatory retirement for tenured faculty brought by Marvin D. Glock, former professor in the New York State College of Agriculture and Life Sciences at Cornell.

Neal R. Stamp, University counsel, announced the decision to appeal and said:

"A careful study of the Glock decision indicates that it raises serious questions concerning the long-standing legal relationship between Cornell University and the State University of New York in the administration of the statutory colleges at Cornell. Consequently, we must seek appellate court review."

On Sept. 11, the Federal Court for the Northern District of New York in Syracuse issued a preliminary injunction to Glock in his action to enjoin Cornell from forcing him to retire from the faculty at 65 in accordance with the University's long-standing mandatory retirement policy.

Pending further action by the courts, the University is complying with the preliminary injunction by restoring Glock to full faculty status.

Glock alleges that the statutory colleges at Cornell are a part of SUNY and that his retirement should be governed by the SUNY policy which sets mandatory retirement at 70.

In making the announcement, Stamp said he would have no specific comment on the sub-

stance of the court decision or its effect upon the Cornell-SUNY legal relationship while the matter remains in litigation.

He estimated that the appeal would be argued before the Court of Appeals "by the first of the year."

## Committee Is Reviewing Cornell Benefits Package

A new and better benefits package for Cornell University employees—within the limits of the cost of the present package—is the goal of the University's Benefits Advisory Committee.

The committee, which was formed this summer and has been meeting weekly since July 28, is "particularly concerned that we get as much input as possible from all employees—faculty, exempt, non-exempt employees, statutory and endowed units," according to Claire Nagel, chairwomen of the committee and manager of employee benefits in University Personnel Services.

To this end, the committee will be meeting with representatives of units with large numbers of employees, such as Buildings and Properties and University Dining. Also, the committee would be "delighted to receive in writing" opinions and ideas from any employee, Nagel said.

The "charge" to the committee from Senior Vice President William G. Herbster called for the committee to reshape the benefits package within existing financial limitations and to look at Cornell's package in comparison with peer institutions and major private employers in the Ithaca area.

The benefits at which the committee is looking most closely are those that have an "impact on virtually all employees," Nagel said—life insurance, health insurance, disability plans, retirement plans, Cornell Children's Tuition Scholarship program.

There have been changes in specific plans over the years, Nagel explained, but it has been quite a while since the overall package has been reviewed and changes made. A study of University benefits was done several years ago but never implemented, she said, though "Personnel has been anxious to revise the fringe benefits pack-

age for some time."

In March 1978, in a meeting with Herbster, Personnel made it a priority that a new package be formulated by January 1979. The committee is working toward that goal, with a preliminary, tentative proposal expected to go to Herbster in November, a final plan to the Board of Trustees in January 1979, and a plan in place by July 1979.

A reasonable cross-section of the University community is represented on the committee. In addition to Nagel, the members are:

Stewart Comber, director of finance and management for Cornell's statutory units and chairman of the Benefits Committee of the Personnel Planning and Policy Board;

Thomas DeCotiis, assistant professor in the New York State School of Industrial and Labor Relations at Cornell;

Kenneth Greisen, dean of the Cornell faculty;

Barbara Jordan, senior administrative secretary in the University News Bureau;

Charles Levy, professor of English in the College of Arts and Sciences;

Elisabeth Thorn, executive staff assistant to Constance Cook, vice president for land grant affairs;

Robert Wehe, associate professor in the Graduate School of Mechanical and Aerospace Engineering and chairman of the Committee on the Professional and Economic Status of the Faculty;

Alice Wells, administrative supervisor in the Center for International Studies and chairwoman of the Benefits Subcommittee of the Committee on the University as an Employer.

"It's my desire to see better benefits offered, especially the elimination of inequities between exempt and non-exempt employees," she said. *Continued on Page 2*

## Campaign Gifts Top \$111 Million Mark; Best Year Yet in 5-Year Effort

"A complete, dedicated organization and great generosity" has raised the total of gifts and pledges to the Cornell Campaign to more than \$111 million. Jansen Noyes Jr., chairman of the University campaign, announced at the end of the 1977-78 fiscal year.

Noyes said the campaign "made excellent progress last year and with the same all-out effort in the future we will reach our goal." The five-year campaign for \$230 million began in 1975.

For the 1977-78 year, gifts and pledges to the Cornell Campaign were \$47,947,798, and the campaign total stood at \$111,156,641 as of June 30.

Of the more than \$47.9 million committed in 1977-78, some \$27.6 million was actually received in cash and securities. This is the largest such amount ever received by the Ithaca campus, Noyes said.

Noyes explained the improvement by noting that time was needed to get Cornell Campaign committees organized and functioning efficiently and thoroughly. "The 1977-78 year showed the first full fruit of the labor of a complete, dedicated organization," he said.

Noyes also pointed to the efforts of first-year President Frank Rhodes and Chancellor Dale R. Corson, who preceded Rhodes as president of the University. "Their enthusiastic involvement doubled the effectiveness of Cornell's leadership in reaching major donor prospects," according to Noyes.

Alumni, friends, corporations and foundations showed great generosity, Noyes said. The Cornell Fund, the University's annual alumni giving program, raised a record \$5.4 million in 1977-78 to boost the campaign total.

The biggest gifts last year were an anonymous bequest of more than \$5 million for geological sciences, a \$4 million gift for biological sciences from the J.N. Pew Trust, and a \$1 million unrestricted commitment from Robert W. Purcell, former chairman of the Cornell Board of Trustees.

Total gifts to Cornell, including the Medical College in New York City, in 1977-78 were \$33,527,186. This was Cornell's best year in history, surpassing the \$32.5 million received in 1973-74.

The campaign committees are the Development Advisory Committee of the Board of Trustees, the Major Gifts Committee of the board, the Corporate Gifts Com-

mittee chaired by Robert S. Hatfield, the Trustee Solicitation Committee led by Austin H. Kiplinger, the National Area Organization headed by Robert A. Cowie, the Estate Affairs Committee chaired by Charles E. Treman Jr., and the Cornell Fund led last year by Charles W. Lake and Richard Tucker. Some 3,500 volunteers work in those seven areas.

## Rhodes: We Must Rebuild Endowment

President Frank Rhodes emphasized the need to stop eroding and to start rebuilding endowment in discussing the University's recently announced program to achieve financial equilibrium.

In a regularly scheduled meeting last week with local media representatives, Rhodes said the University has spent \$65 million of its endowment and similar funds for operating expenses over the past 10 years; roughly \$45 for the Ithaca endowed budget and \$20 million for the medical college.

"We spent it," he said, "for all kinds of good reasons. But if we had it today we wouldn't have the problems that face us ... at least not on the same scale."

He said also that inflation has created a hidden deficit "because

it diminishes the value of our investment pool, and of dividend and interest earnings for future years." Unless there are offsetting stock market gains, the University loses \$22 million a year as a result of an 8 percent inflation.

The \$7.5 million adjustment plan for the endowed colleges at Ithaca (see page 1 of the Sept. 14 and Sept. 21 *Chronicles* contains \$5.0 million related to protecting the endowment, Rhodes said. The endowment had a market value of \$267 million as of June 30, 1978.

"First the Ithaca endowed units must overcome their operating budget deficit, currently estimated at \$2.2 million," he said, and "second, it must stop by 1980-81 using any assumed capital gains to support annual

operations." The "excess payout" of such assumed gains from the Capital Fund on behalf of Ithaca units is currently at \$1.3 million.

In addition, the University will introduce policies to permit adding to the endowment at the rate of \$1.5 million per year by the end of the three year period. Half of this amount will be by reinvestment of a small portion of current income in the portfolio and the rest of it will be realized by stopping the recent practice of using the first \$750,000 of current gifts and bequests for operating expenses. These bequests often represent a donor's lifetime estate and it is only fitting that they be added to endowment for the University's long-term benefit, he said.

# Report Criticizes Cornell Hiring

Academic and non-academic employment of women at the University, as well as the admission of women students to several schools and colleges, is criticized in the second annual report on Title IX submitted by the Provost's Advisory Committee on the Status of Women to Provost W. Keith Kennedy.

The report summarizes the activities of five subcommittees charged with the responsibility for follow-up and review of recommendations listed in the self-evaluation report required by the Department of Health, Education and Welfare in 1976. Copies of the latest report are on file in the reference sections of Mann and Olin Libraries.

Title IX of the Educational Amendments of 1972 prohibits discrimination by sex in educational programs or activities which receive federal funds.

The subcommittees have been viewing Cornell's performance in academic employment, non-academic employment, admissions, physical education and athletics and publications. The report indicated positive action in the latter two areas.

In academic employment, the subcommittee reported "a loss of momentum in the hiring of women faculty...." In non-academic employment, the report states that low job classes are "overwhelmingly filled by women," but few are in high classes. Though encouraged by the work of Cornell's central admissions office, the subcommittee found "severe sex imbalances" in student enrollment in four schools at the University.

In reaction to the report, Kennedy noted that he had been in touch with deans and directors regarding the report and its recommendations, and that changes are in process in the area of equal opportunity at Cornell.

Vice Provost Alison P. Casarett was recently named the University's Equal Opportunity Officer and an executive director for the Office of Equal Opportunity at Cornell is being sought.

The report indicated satisfaction with the work being done by Dick Schultz, director of athletics, to bring his department into compliance with Title IX. The committee said that a salary

study of all coaches and instructors was conducted and that "appropriate adjustments in salary levels...were made.

"Beginning...July 1...the job descriptions...reflect equal work, and the salary levels (are) commensurate with work responsibilities. The final adjustments...cost (Cornell) approximately \$30,000...."

A statement on non-discrimination, revised by the publications subcommittee, was approved by the Cornell Board of Trustees in May and circulated to all deans, directors and department heads in June. That official policy statement is required to appear in all University publications.

"All in all, the conclusion must be reached that efforts to recruit women (faculty) in the 1970s have not been sufficiently vigorous to create a base that will withstand the trials of the 1980s," the committee wrote. It went on to make several recommendations to the provost concerning faculty hiring:

—"...that the provost appoint a high level committee... of representatives from the physical sciences in both the College of Arts and Sciences and the College of Engineering to ascertain ways to attract women faculty in these fields to Cornell."

—"...the provost should confer with the deans of the relevant schools and heads of departments, in particular (the Graduate School of) Business and Public Administration and the (Department of) Economics, to find out why no women have yet been hired."

In the case of recruiting women to "senior" faculty positions, the committee recommended that the provost:

—"...monitor all outside appointments...to make sure that full affirmative action procedures were followed in good faith."

—"...instruct each dean to consider the effect of every senior...appointment on the total affirmative action program of the relevant college."

In non-academic, exempt positions, the committee said women are concentrated in the four lowest grades, and "this was true in 1975 and continues to be true in 1977." Exempt positions are those not covered by the Fair Labor Standards Act and are usually salaried, rather than hourly, in their pay rate.

The committee did note that women's salaries in exempt positions have improved but, "at best, only slowly."

Such Cornell peer institutions as Harvard, Yale, Princeton, Pennsylvania, Dartmouth and MIT have "women... concentrated at the lower exempt levels, as is true at Cornell," according to data obtained by the committee.

The Cornell schools named by the committee as having "severe sex imbalances" in student enrollment are B&PA, the School of Hotel Administration, the New York State School of Industrial and Labor Relations and the Law School. "Some fields of the Graduate School" were also cited though not named.

The committee recommended that admissions officers in these schools exchange "views and experiences in attacking the problems of sex imbalance," and that "the format adopted by the undergraduate schools and colleges might prove a useful model."

Also, the committee recommended development of a questionnaire to be used by all concerned "in following and evaluating trends towards correcting sex imbalances."

# Job Opportunities

The following are regular continuing full-time positions unless otherwise specified. Please do not inquire at individual departments. An equal opportunity employer. Individuals on lay-off status will be given preference in referrals.

(\* ) indicates new this week.

## CLERICAL POSITIONS

- \* Library Asst. IV, A-17 (Univ. Libraries, Olin)
- Sr. Admin. Secy., A-17 (Office of Minority Education)
- Sr. Admin. Secy., A-17 (Design & Proj. Mgmt.)
- Admin. Clerk, A-16 (Career Center)
- Admin. Clerk, A-16 (Arch., Art, Planning)
- Admin. Secy., A-15 (Alumni Affairs)
- \* Searcher II, A-15 (Univ. Libraries, Olin)
- \* Library Asst. III, A-15 (Univ. Libraries, Olin)
- \* Admin. Secy., A-15 (Dean's Office, A&S)
- \* Admin. Secy., A-15 (Economics, 9 mos. year)
- Admin. Secy., A-15 (Chemistry)
- Admin. Secy., A-15 (P.E. & Athletics)
- Library Asst. III, A-15 (U. Libraries, Uris)
- Admin. Secy., A-15 (Personnel)
- \* Principal Clerk, A-14 (Health Services)
- Principal Clerk, A-14 (Accounting - Endowed)
- \* Dept. Secy., A-13T (Civil & Env. Engineering)
- Searcher I, A-13 (U. Libraries, Olin)
- Dept. Secy., A-13 (B&PA)
- Dept. Secy., A-13 (Hotel Administration)
- Dept. Secy., A-13 (University Development)
- Dept. Secy., A-13 (Graphic Arts Services)
- Dept. Secy., A-13 (Government)
- Sr. Account Clerk, A-13 (C.U. Press)
- Dept. Secy., A-13 (A&S Admissions)
- Dept. Secy., A-13 (Cornell University Press)
- Dept. Secy., A-13 (Africana Studies & Res. Ctr.)
- \* Library Asst. II, A-12 (Univ. Libraries, Uris)
- \* Library Asst. II, A-12 (Univ. Libraries, Olin)
- Library Asst. II, A-12 (Univ. Libraries, Africana)
- \* Admin. Aide I, NP-11 (Comm. Svc. Education)
- \* Admin. Clerk III, NP-9 (Finance & Business)
- \* Admin. Secy., NP-8 (Veterinary Microbiology)
- \* Admin. Secy., NP-8 (DCS, Mastitis Control)
- Admin. Secy., NP-8 (Ag. Engineering)
- Steno II, NP-6 (Div. of Nutritional Sciences)
- \* Steno II, NP-6 (Education)
- \* Steno II, NP-6 (Diagnostic Lab)
- Steno II, NP-6 (Education)
- Steno II, NP-6 (Nutritional Sciences, 1 year)
- Steno I, NP-5 (A. R. Mann Library)

## SERVICE & MAINTENANCE POSITIONS

- Experimental Machinist, A-19 (Lab Nuclear Studies)
- University Service Officer, A-17 (Public Safety)
- \* Cook I, A-15 (Residence Life)
- \* Cook I, A-15 (Residence Life)
- Cook I, A-15 (Residence Life)
- \* Asst. Cook, A-14 (Dining Services)
- \* Custodian, A-13 (Bldgs. & Grounds Care)(3)
- \* Custodian, A-13 (Residence Life, W. Campus)
- Food Service Worker, A-11 (Statler Inn)
- Steamfitter (Maintenance & Service Ops.)
- Asst. Farm Superintendent, NP-16 (Farm Svcs., Geneva)
- Lab Asst. III, NP-5 (Seed & Veg. Sciences, Geneva)

## TECHNICAL POSITIONS

- \* Research Spec. I, A-19 (Biochem., Mol. & Cell Biology)
- Sr. Tech. Aide, A-19 (Computer Services)
- \* Programmer I, A-19T (Computer Science)
- Lab Tech., A-19 (Materials Science Center)
- \* Research Tech. III, NP-12 (Equine Drug Test., Yonkers, Roosevelt)
- Res. Tech. III, NP-12 (Plant Pathology, Geneva)
- \* Experimentalist I, NP-11 (Flor. & Orn. Horticulture)
- Lab Tech. II, NP-11 (Plant Pathology)
- \* Res. Tech. II, NP-10 (Div. Nutr. Sciences)
- \* Res. Tech. II, NP-10 (Div. Nutr. Sciences)
- \* Lab Tech. I, NP-8 (Avian & Aq. Animal Med.)
- Tech. Aide Jr., NP-7 (Flor. & Orn. Horticulture)
- Sr. Arch., Engr. II, CPO7 (Design & Proj. Mgmt.)
- Sr. Res. Supp. Spec., CPO6 (Elect. Engineering)
- Comp. Tech. Admin. III, CPO6 (Computer Services)
- Sr. Comp. Staff Spec., CPO6 (Computer Services)
- \* Res. Supp. Spec. III, CPO5 (Electrical Engineering)
- Elect. Engineer II, CPO5 (Design & Proj. Mgmt.)
- Res. Supp. Spec. II, CPO4 (Ag. Engineering)
- Res. Supp. Spec. II, CPO4 (Agronomy)
- Res. Supp. Spec. II, CPO4 (Plant Pathology, Geneva)
- Res. Supp. Spec. II, CPO4 (Nuclear Science & Engr., & Applied & Engineering Physics)
- Res. Supp. Spec. II, CPO4 (Plant Pathology, Geneva)
- Res. Supp. Spec. II, CPO4 (Mat'ls Science & Engr.)
- Comp. Tech. Admin. I, CPO4 (Computer Services)
- Res. Supp. Spec. I, CPO3 (Programmer)(Mat'ls Science Ctr.)
- Appl. Programmer I, CPO3 (Computer Services)
- Appl. Programmer I, CPO3 (Computer Services)
- Appl. Programmer I, CPO3 (Computer Services)
- Admin. Spvr., CPO3 (Media Services)
- Res. Supp. Spec. I, CPO3 (Synch. Rad. Facility & Appl. & Engineering Physics)
- Asst. Mgr.-Rad. Safety, CPO3 (Life Safety & Rad. Safety)
- Res. Supp. Spec. I, CPO3 (Lab Nuclear Studies)
- Appl. Programmer I, CPO3 (Agronomy)

## ADMINISTRATIVE POSITIONS

- Asst. University Counsel (University Counsel)
- \* Executive Staff Asst. IV, CPO8 (V.P. for Financial & Planning Services)
- Executive Director, CPO8 (Office of Equal Opportunity)
- Admin. Assoc., CPO6 (Public Safety)
- SDS III, CPO5 (NYSSILR)
- Admin. Manager II, CPO5 (Utilities)
- Cost Accountant, CPO5 (Controller, 1 year)
- Admin. Manager II, CPO5 (Cornell Plantations)
- Dining Manager II, CPO5 (Dining Services)
- Budget Analyst III, CPO5 (Finance & Business)
- \* Res. Supp. Spec. II, CPO4 (Africana Center)
- Dining Manager I, CPO4 (Dining Services)
- Personnel Associate II, CPO4 (Personnel)
- Regional Director I, CPO4 (Public Affairs, Reg. Offices, NYC)
- SDS II, CPO3 (Asst. Director)(A&S Admissions)
- SDS II, CPO3 (Asst. Director)(U. Unions, Noyes)
- SDS II, CPO3 (Asst. Director)(U. Unions, NCU)
- SDS II, CPO3 (Residence Life)

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## Cornell United Way

### Big Red Bear to Help United Way

The logo for the Cornell United Way Campaign includes the Big Red Bear. The campus campaign will get started with a kick off coffee hour for volunteers (some 400) at the Statler at 8:30 a.m., Monday, Oct. 2. President Rhodes will speak to the group which hopes to raise \$234,035 for the fund this year.

## University Gets Ready For Parents Weekend

As many as 2,500 parents of freshmen and other new students are expected to visit the campus for Freshman Parents' Weekend Oct. 6-8.

Activities will include a reception on the Arts Quadrangle by Provost W. Keith Kennedy, a Bailey Hall lecture by Julian Bond, Georgia state senator, open houses in the offices of several student support services, information programs by each of the colleges, campus tours and special entertainment in the three University Unions.

Bond's speech at 8 p.m. Saturday, Oct. 7, is also part of a day-long Conference on Counseling Minority Students. Admission to the speech is free, but is by ticket only until 7:50 p.m. Free tickets for new students and guests will be distributed at the Parents' Weekend information desks in the three University Unions. The desks will be open Friday from noon to 10 p.m. and Saturday from 10 a.m. to 3 p.m.

Parents will be encouraged to partake of Cornell's regular fare of weekend activities, including athletic events, concerts, films, art exhibits and plays. Available at the information desks will be special identification cards entitling parents to a 50 percent discount on all tickets to athletic events for which there is an admission charge.

Planned for more than six months, the weekend is being held again this year because the program was so successful last

year. Some 2,000 parents and other guests attended the 1977 Freshmen Parents' Weekend, which was the first such event at Cornell in seven years. Planning is being coordinated by Ronald Loomis, director of University Unions.

Loomis said all hotel rooms in Ithaca, Cortland, and Elmira are already booked and late comers are finding lodging as far away as Binghamton and Syracuse.

"We hope this event will provide parents with an opportunity to explore the campus and its resources more thoroughly than was possible during interviews and orientation," Loomis said. "Enough activities are scheduled so that parents should be able to have their questions answered, but we've also left enough free time for them to visit with their sons and daughters, meet other parents and students socially and pursue individual interests."

## Benefits

Continued from Page 1

ees," Jordan said. "Cornell offers some benefits that some employees don't want, and we may come up with a package where employees choose the benefits they want."

"I hope we can improve the benefits package without making it a bigger financial burden on the University," Greisen said. "A number of details have to be improved. If we can find a number of 'little things,' they could add up to something big."

# Conference on Counseling Minority Students Planned

A speech by Julian Bond, prominent civil rights leader and political figure for the last 15 years, will highlight the day-long Conference on Counseling Minority Students here Saturday, Oct. 7.

Bond's 8 p.m. speech in Bailey Hall is also part of Cornell's Parents' Weekend program. Admission will be by ticket only. The free tickets may be picked up at the Willard Straight Hall box office.

There will be a registration fee of \$5-\$7 after Oct. 2— for faculty, staff and delegates of student organizations at the counseling conference. Individual students will be admitted free to all sessions, though space is limited at most sites. Registration information is available at 100 Barnes Hall.

The conference will feature a series of workshops geared to persons interested in, or responsible for, the counseling of minority students, according to Georgia Houston, conference coordinator. Panelists and workshop leaders come from all over the United States and represent many ethnic groups, she said.

A discussion on "Counseling Across Ethnic Lines" will begin the day's events at 8:45 a.m. in Alice Statler Auditorium. Following the opening session, workshops will be held throughout the Statler from 11 a.m. to 12:45 p.m. and repeated from 2:45 p.m. to 4:30 p.m.

Morning panelists are Lee C. Lee, associate professor and graduate faculty representative in human development and family studies at Cornell; Luis Nieves, director of the office of minority education at Educational Testing Service in Princeton, N.J.; William D. Smith, associate professor of psychology and former chairman of the Department of Afro-American Studies Program at the University of Cincinnati; Ginny Vanderslice, former counselor in the New York State College of Human Ecology, and

## Campus Council Meeting Today Open to Campus

The Campus Council will consider a number of issues at its regular meeting at 4:45 p.m. today in 701 Clark Hall today, including guidelines for University relations with intelligence agencies and a proposal from its Priorities Committee for an ad hoc investment committee.

Also on the agenda are a request for funds from Suicide Prevention, a proposal for Cornell participation in a national student convention next winter, plans and priorities for Campus Council consideration during the 1978-79 academic year, and reports from council committees.

Council meetings are open to all members of the Cornell community.

Lincoln White, educational consultant and sub-chief for the Mohawk Tribe.

Topics to be covered by Cornell staff members in the workshops are "The Advising Relationship," "Campus Living," "Cross Cultural Adjustment," "Student Adviser Training" and "Financing a College Education."

A workshop titled "Issues and Research in Therapeutic Counseling of Minority Students - A Positive Mental Health Approach" will be conducted by Oscar Barbarin, associate professor of psychology at the University of Maryland, and Mildred Tirado of the doctoral counseling program at Columbia University.

Bond, the evening speaker, has served in the Georgia State Senate since his election to that body in 1974. He previously served four terms in the Georgia House of Representatives after being barred from his seat for one year.

Bond was elected to the Georgia House in November 1965. He was prohibited from taking office in January 1966 by legislators who objected to his statements opposing the war in Vietnam. He won a second election in February 1966, but a house committee voted again to deny him membership.

Bond won a third election in November 1966. The next month the U.S. Supreme Court ruled unanimously that the legislators were wrong in refusing to seat him. On Jan. 9, 1967, Bond took the oath of office.

Bond was co-chairman of the Georgia Loyal National Democratic Delegation at the 1968 Democratic national convention. The "Loyal Democrats" successfully unseated the regular Georgia delegation.

Bond first became known nationally in the early 1960s when he helped to found the Student Nonviolent Coordinating Committee (SNCC).

The counseling conference is sponsored by Cornell's Office of Minority Educational Affairs, the state programs office, the Office of Residence Life, Gannett Clinic, Alpha Phi Alpha, and five schools and colleges—the New York State School of Industrial and Labor Relations, the College of Architecture, Art and Planning, the New York State College of Agriculture and Life Sciences, the College of Engineering and the New York State College of Human Ecology.

## Weekend Sports Schedule Set

Six events make up this weekend's Cornell home sports schedule.

Leading things off on Friday will be a men's varsity cross country meet with Syracuse on the University Golf Course at 5:15 p.m. Later that evening, the freshman football team will open its 1978 season against the Cortland State J.V.s, starting at 7:30 on Schoellkopf Field.

Three events are scheduled on Schoellkopf Saturday. The Big Red's field hockey team will open up with a 10 a.m. game against the University of Pennsylvania. At 2 p.m. the junior varsity soccer team hosts Army, and the varsity soccer squad closes out the schedule with a 7:30 Saturday night game against Binghamton State on Schoellkopf.

The Cornell golf team will host the first Cornell Invitational at the University Golf Course all day Saturday.

# Woman for All Seasonings



Kelani Woodruff

The fact that college students have great appetites and love to eat means a lot to Kelani Woodruff. As manager of Balch Dining and executive dietician for Cornell Dining Services, she takes special pride in knowing each day that she helped plan a meal enjoyed by hundreds of hungry customers.

It is also a fact, though, that many college students, especially freshmen, find that their hearty appetites give way to widening wastelanes or bulging bottoms from that second piece of pie a la mode or that late night pizza with extra cheese.

There is probably no one more aware of this than Woodruff, and it's precisely why you won't find pies, cakes or, for that matter, any refined carbohydrates or fried foods—at Balch Dining Hall. Balch is the only dining facility on campus devoted to a weight-control program. Called Co-op 2000, the dining plan offers foods that have the highest nutrient value for the fewest calories: salads, fruits, green vegetables, broiled meats and fish and special vegetarian entrees.

But Woodruff's involvement with food does not end with Co-op 2000. As executive dietician, she is responsible for maintaining the master recipe base—a computerized file that calculates costs of food items and prints out large-scale recipes. She also works individually with students who have medical problems affecting their diet.

Besides these two jobs, she finds the time and energy to teach a course in "Applied Dietetics" three days a week from 2:30 to 8 p.m. Offered by the Division of Nutritional Sciences, the course, which meets in a different dining unit each week, is for senior food science majors who find out what it's like to be at the other end of the serving line.

"It's the first time students have a chance to apply what they've learned in class. We cover many aspects of food science: cooking, management, nutrition, safety, sanitation," Woodruff said.

Juggling three jobs doesn't seem to bother Woodruff. "I have a short attention span and become easily bored, so I like having my hands in a lot of different things." Her only complaint: "I'm moving around so much from dining unit to dining unit, I could use a pair of roller skates to get around this campus."

Working with students is one of the most rewarding parts of being a dining manager; Woodruff says. "They are such responsible and committed workers. I rely heavily on students for handling certain jobs. Besides that, they are such interesting people to know. Last year the student coordinator was a Phi Beta Kappa in English who said he composed his best poetry when doing dishes!"

Woodruff's manner with students is informal and friendly. If something needs to be done—whether it's cleaning extra trays for the lunchtime crowd or making sure there's enough silverware—she'll always ask with a smile.

She hasn't always worked in a university setting. Before coming to Cornell in 1973, she did work at the University of Colorado, but prior to that she was a dietician in hospitals in Minnesota, Georgia and Colorado.

Born in Hawaii, (on the birthday of King Kamehameha whose wife, Queen Lileoukelani, she was named after), Kelani Woodruff says her exotic world travels while growing up contributed to her interest in dietetics as a career: "My father was in the service, so we traveled around a lot. I really got a chance to explore the different kinds of foods in all the countries we lived in."

It takes a certain combination of confidence, courage and ingenuity to land a job in a foreign country with a totally different culture, language and life style than one's own country. It becomes apparent that Woodruff has the right proportion of each when she explains how she ended up as a dietician at the University Medical Center in Mahidol, Thailand:

"My ex-husband was also in the service, so we were transferred there. I decided I'd be bored if I didn't have a job, so I just started pounding the pavements in Bangkok. The hardest part was filling out the applications and figuring out what Buddhist year I was born in. After a few weeks, I finally got the job in Mahidol working with a Thai woman who had set up an interesting program there. I felt quite fortunate, because I think it was unusual for the government to offer a job to a foreigner."

In her spare time—what there is left to it—Woodruff serves on the Provost's Advisory Committee on the Status of Women, is an amateur photographer and enjoys decorating her apartment, which is furnished with teakwood furniture and other art objects brought back from Thailand. Her two cats, Lily and Licorice, are good companions and don't seem to mind her frequent business trips.

Woodruff does little cooking at home, since she eats most of her meals at work—a sure sign the food is good. The next time you're in the mood for a meal that's high in nutrition and low in calories, stop in at Balch for lunch. Try the vegetarian chop suey, and if you want to know what went into it to make it so delicious and nutritious, just ask Kelani Woodruff!

Jill Casner-Lotto

## Northeast Bus Route Revised

Starting Monday Oct. 2 the Northeast Transit System will have single route bus service to and from the University and the Downtown Commons.

The route is a consolidation of the two routes that have served the campus for the past four years but which have been combined because of a lack of financial support from some apartment complex owners and local governments, according to Elmer Meyer Jr., dean of students and assistant vice president for campus affairs at Cornell.

The new route will run Mondays through Fridays through the 1978-79 academic year. There will be two runs in the morning from the Northeast to the campus and the Commons starting at 7:21 a.m. and 8:30 a.m. There will be two runs in the late afternoon and evening to the Northeast from the Commons and Cornell starting at 3:50 p.m. and 4:50 p.m.

The morning runs will start at Lansing North Apartments and The Village Apartments on Warren Road following a route across Route 13 to Sapsucker Woods to Hanshaw Road, north on Salem Drive to the Winston Court Apartments and back to Hanshaw via Murial Street, down Hanshaw to Warren, north on Warren to Winthrop Drive, west on Winthrop to Triphammer Road, south on Triphammer to Day Hall and the Dairy Bar on the Cornell campus and then to the Commons. The late afternoon and evening runs will follow the same route in reverse except the Day Hall stop will be across the street between Uris and Statler Halls.

The fare is 30 cents per ride. Economy books of 20 tickets are available for \$5 at the Cornell Campus Store and at 223 Day Hall.

Detailed time schedules and additional information are available from the Cornell Off-Campus Housing Office in Day Hall (256-5373) and the bus com-

pany, Swarthout & Ferris Inc. in Lansing (257-2277).

Meyer said the service as it is now established is being subsidized by the University, Lucente Apartments, North Lansing Apartments, and the Town of Ithaca.

| Inbound               | a.m. | a.m. |
|-----------------------|------|------|
| The Village           | 7:21 | ---  |
| Lansing North         | 7:26 | 8:30 |
| Sapsucker Woods       | 7:30 | 8:35 |
| Winston Court         | 7:35 | 8:40 |
| Warren & Winthrop     | 7:42 | 8:47 |
| Triphammer & Winthrop | 7:47 | 8:52 |
| Day Hall              | 7:52 | 8:57 |
| Dairy Bar             | 7:57 | 9:02 |
| Downtown Commons      | 8:10 | 9:15 |

| Outbound              | p.m. | p.m. |
|-----------------------|------|------|
| Downtown Commons      | 3:50 | 4:50 |
| Dairy Bar             | 4:05 | 5:05 |
| Uris/Statler          | 4:10 | 5:10 |
| Triphammer & Winthrop | 4:15 | 5:15 |
| Warren & Winthrop     | 4:20 | 5:20 |
| Winston Court         | 4:25 | 5:25 |
| Sapsucker Woods       | 4:30 | 5:30 |
| Lansing North         | 4:35 | 5:35 |
| The Village           | ---  | 5:40 |



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# 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.*

## University Urged to Divest

Editor:

As a member of the Cornell community interested and involved in Africa, I urge Cornell to rid itself of all investments in corporations operating in South Africa.

There are many governments in the world whose policies decent men oppose, but there is no government, other than the South African government, which has racial discrimination deliberately written into its laws and its constitution. Repression, injustice and cruelty are as entrenched in South Africa as they were in Nazi Germany. The South African government has fearsome powers of arrest, it can hold persons for long periods without trial, it practices arbitrary bannings, it imprisons people for having sex across the color bar, and it jails political activists. It is a country without a bill of rights, and where a minority white government rules harshly and cruelly over a black majority numbering some 19 million persons.

We should remember that the present Prime Minister, John Vorster, was detained by the South African Government in 1942 because of his support for Nazi Germany. He learnt his lessons well.

Cornell's very substantial financial investment (around \$80 million) in corporations operating in South Africa involves this university in support of this regime, it provides reinforcement for the apartheid system, it contributes to the exploitation of black African workers, and it provides moral support to a racist regime.

American withdrawal of investments would not bring down the regime, but it would be a major psychological blow to white South Africans, and it would provide important evidence of our support for the black majority, the future rulers of South Africa.

The arguments used for maintaining our investment in South Africa are (1) that American withdrawal is opposed by black South African leaders, (2) that divestment would harm large numbers of black workers employed by U.S. firms and (3) that American companies can, and do, work from within to improve the situation for black South African workers.

A study of the evidence indicates that none of these arguments is correct. All the facts suggest that black South African leaders when they are free to state their view, strongly oppose U.S. investment in South Africa.

The actual number of black workers employed by U.S. firms is quite small, and there is evidence that many of the larger U.S. employers of black labor in South Africa do not provide substantially better conditions than do South African firms.

The argument that we should remain investing and working from within, in a country whose racial policy we abhor, is similar to saying that Cornell should invest in Mafia run businesses so that we can influence change from within. This is clearly a fallacious argument. U.S. corporations have not influenced

South African policy for the better in the past, so how can we really believe that suddenly these corporations will cause the white regime to see the light.

I would even suggest that U.S. corporations would gain financially in the long run by withdrawing from South Africa now. Few doubt that eventually there will be a majority government in South Africa. The new black government is likely to encourage investment from those quarters that showed solidarity with them during their fight for independence. U.S. influence and investment in Angola and Mocambique are very modest today because the U.S. supported the Portuguese colonialist regime, against the black nationalists fighting for justice and independence. Had the U.S., early on, provided both government and business support to the black majority, then our situation both in Angola and Mocambique would now be different. An independent black South Africa will be an extremely powerful political and economic force. Therefore U.S. investment now may provide only short term financial gains, and will in the long run be economically costly for us. It may exclude the U.S. from Africa's most desirable investment market.

For many years the Cornell community has expressed concern about U.S. policies towards South Africa and the University's investment there. This issue contributed to the resignation of President Perkins ten years ago, it embarrassed President Corson when Carpenter Hall was occupied, and it led President Rhodes to face an ugly scene at the Johnson Museum during his first year in office. This, therefore, is not a new issue on the campus. Many of us — faculty, students, staff and alumni — have been suggesting divestment for ten years.

In my view, tranquility on this campus is dependent on the Board of Trustees making a decision to divest. The trustees will make the decision, but the administration and faculty, and the whole community will have to suffer the consequences of the wrong decision.

If a decision is made not to divest, the community will be fully justified in questioning whether the Board of Trustees is indeed in a position to make an impartial and fair decision. Many members of the board are in business. They have been generous benefactors of the University. But several have investments in firms which are deeply entrenched in South Africa, and many other trustees are close friends and colleagues of businessmen who run these firms. A wrong decision will inevitably lead to cries of "conflict of interest."

## Rice Memorial Service Planned

A memorial service for Carter V. B. Rice, assistant to the treasurer at Eisenhower College, who died Tuesday, Sept. 19, at the age of 44, will be held at 3:30 p.m. Tuesday, Oct. 3, in the Delavan Little Theater of John Rosenkrans Hall at the college in Seneca Falls.

For 10 years, from 1960 to

What will Cornell gain by divestment? In my view, the University will gain immensely from being the first Ivy League university to vote for divestment. It will show that this university is willing to use its considerable financial muscle for a just and moral cause. It will indicate solidarity with the black majority in South Africa, and it will mean that campus unrest over this issue will not occur.

What could Cornell lose? The opponents of divestment argue that the selling of these shares will be very costly. But Cornell is continually buying and selling shares. I would recommend that Cornell divest over a period of 6 to 12 months so that it can play the market and minimize losses.

Another argument is that these investments are particularly safe and lucrative. I cannot believe that Cornell does not have the economic savvy to choose a new portfolio of investments which would be equally attractive and profitable.

I personally find it embarrassing to be working in black Africa for a University which does provide financial and moral support to the white South African government

Earlier this year, President Rhodes said, "There is no place at Cornell for those who do not respect equality." Surely, if we financially support that one regime in the world which blatantly in its laws opposes equality, we are indeed making a place at Cornell for those who our president so strongly opposes.

Michael C. Latham  
Professor of International Nutrition

## Doorless Stalls In Teagle Hall Protested

Editor:

As an avid swimmer, I am at Teagle Hall every day. On my way to the showers, I pass by the wide open restrooms. Oftentimes you can see people sitting performing their bodily function with an embarrassed, almost guilty look, and heaven forbid to mention the other less pleasant nuances of the situation! This I leave to the conditioned senses and the imagination of the readers. Grant you, this bodily function is most natural and essential. But one wonders; is not a sense of refinement what prompted the "old ones" to invent closed cabinets for this most essential function?

The situation at Teagle can be solved easily, doors may be too costly, but simple screens (cloth screens) will cost a meager sum of money and would discontinue the unpleasantness. Sason Shaik  
Chemistry

1970, Rice, a Cornellian, was assistant to the director of Willard Straight Hall and then business manager of the University Unions here.

Persons needing help with transportation to the memorial service may call Ron Loomis, Unions director, at 256-7285.

## Study Abroad Applications Available; Deadlines Set

The 1979-80 competition for grants for graduate study abroad offered under the Educational Exchange Program (Fulbright-Hays) and by foreign governments, universities, and private donors will close shortly. Most awards provide round-trip transportation, tuition and maintenance for one academic year; a few provide international travel only or a stipend intended as a partial grant-in-aid.

Candidates must be U.S. citizens at the time of applica-

tion, hold a bachelor's degree or equivalent by the beginning date of the grant, have language ability commensurate with the demands of the proposed study projects, and be in good health.

Application materials are available from the Fulbright Program Adviser, Jeanne Vernon, 116 Sage Graduate Center, 6-4884 and must be requested by Sept. 29. The deadline for submission of completed applications is Oct. 6.

## NSF Lists Fellowships

The National Science Foundation has announced approximately 420 new Graduate Fellowships and 130 National Needs Post-doctoral Fellowships for the 1979-80 academic year.

Initial NSF Graduate Fellowship awards are intended for U.S. citizens or nationals at or near the beginning of their graduate study. Awards are for a period of three years and are granted for study or work leading to master's or doctoral degrees in the mathematical, physical, medical, biological, engineering and social sciences, and in the history and philosophy of science. The deadline for submission of applications is Nov. 30.

NSF National Needs Postdoctoral Fellowships will be offered to persons who will have earned a Ph.D. or equivalent in one of the science areas listed above by the beginning of their fellowship tenure and who will have held the doctorate for no more than five years as of Nov. 3. Awards are made for research on scientific problems related to national

needs. The deadline for submission of applications is Nov. 3.

For additional information and application request forms, please contact the Graduate Fellowship Office, 116 Sage Graduate Center, 6-4884.

## Prestressed Concrete Is Subject of Book

Arthur H. Nilson, professor of structural engineering at Cornell University, is the author of a book titled "Design of Prestressed Concrete," published this summer by John Wiley & Sons Inc. The 526-page book "offers a complete survey of the mechanics and behavior of prestressed concrete structures, and provides insights into design methods and practices," according to the publisher. Nilson has been on the faculty of the College of Engineering at Cornell since 1956.

## Job Opportunities

Continued from Page 2

- \* SDS I, CPO2 (Office of Financial Aid)
- Dining Spvr., CPO2 (Dining Services)
- Dining Spvr., CPO2 (Statler Inn)
- Dining Spvr., CPO2 (Dining Services)
- PART-TIME AND-OR TEMPORARY POSITIONS
- Temp. Svc. Cler (Animal Science, perm. pt)
- Admin. Secy., A-15 (Arch., Art. Plann., 9 mos.yr., 20 hrs. week)
- Head Acct. Clerk, A-15T (Nat'l Submicron Facility, perm.pt)
- Admin. Secy., A-15 (CHSR, perm. pt)
- Dept. Secy., A-13 (V.P., Campus Affairs, perm. pt)
- Dept. Secy., A-13 (Mat'ls Science & Engr., perm. pt)
- Dept. Secy., A-13 (Johnson Museum, perm. pt)
- \* Dept. Secy., A-13 (Music, perm. pt)
- Sr. Clerk, A-12 (C.U. Press, perm. pt)
- Library Asst. II, A-12 (U. Libraries, Olin'lyr.pt)(2)
- Library Asst. II, A-12 (U. Libraries, SEAP, temp.pt)
- Steno II, NP-6 (Ag. Engineering, temp.pt)
- Steno II, NP-6 (Comm.Svc.Educ., 1 yr., pt)
- \* Concessions Manager (P.E. & Athletics, perm. pt)
- Temp. Svc. Svc. (Campus Store, casual)
- Temp. Svc. Tech. (Plant Pathology, temp. ft)
- Temp. Svc. Tech. (Biological Sciences, perm. pt)
- Temp. Svc. Tech. (LASSP, temp. ft)
- Tech. Aide II, NP-11 (ETV Center, Media Svcs., perm.pt)
- Programmer II, A-21 (Computer Svcs., temp. pt)(2)
- Programmer I, A-19 (Computer Svcs., temp. pt)(2)
- Programmer I, A-19 (Psychology, temp. pt)
- \* Sr. Res. Tech., A-18 (Psychology, temp. ft)
- Systems Programmer III, CPO5 (Computer Svcs., 1 yr.)
- Temp. Svc. Prof. (NYSSILR) (temp. pt)
- SDS III, CPO5 (Dean of Students, temp. ft)
- Systems Programmer II, CPO4 (Computer Svcs., 1 yr.)
- Regional Director, CPO4 (U. Development, Cleveland, pt)
- \* Admin. Spvr., CPO3 (Comm. Svc. Educ., 1 yr., pt)
- Appl. Programmer I, CPO3 (Comp. Svcs., temp. pt)
- Systems Programmer I, CPO3 (Computer Svcs., 1 yr.)
- SDS II, CPO3 (Div. Acad. Svcs., temp. ft)
- Res. Supp. Spec. I, CPO3 (Comm. Svc. Educ., 1 yr.pt)
- ACADEMIC - FACULTY POSITIONS (Contact Department Chairperson)
- Post-Doc. Pathobiology of Aging (Pathology)
- Asst. Professor (Astronomy)
- Asst. Professor (Design & Env. Analysis)
- Asst. Professor (Design & Env. Analysis)
- Extension Associate III, CPO5 (Nutritional Sciences)
- Extension Associate II, CPO4 (Nutritional Sciences)
- Research Associate I, CPO3 (CRSR)
- Sr. Res. Associate II, CPO7 (Elect. Engineering)
- Post-Doc. Associate (Botany, Genetics & Development)
- Post-Doc. Associate (Food Science & Tech., Geneva)
- Assistant Professor (Vegetable Crops)
- Professor, Labor Law (NYSSILR & Law School)
- Extension Associate I, CPO3 (Dept. of Entomology)
- Assoc. Director, Ag. Exp. Station & Assoc. Director of Research (Office of the Director of Research, CALS)
- Director of Coop. Extension (NYS Coop. Extension Admin.)

## Dan Wagoner, Dancers Open Series Season

The Cornell Dance Series opens this season with a three-day residency by Dan Wagoner and Dancers, a professional modern dance company based in New York City. The company will give a lecture demonstration at 8:15 p.m. Thursday, Oct. 5, in Cornell's Barnes Hall and a concert of Wagoner's work at 8:15



Diann Sichel, a member of Dan Wagoner and Dancers, performs in a piece entitled "Songs."

p.m. Saturday, Oct. 7, at the Strand Theatre.

Wagoner has been described by Clive Barnes of the New York Times as "one of the best dancers on the modern scene." Born and raised in the small mountain village of Springfield, W.Va., he first composed dances in the living room for his nine brothers and sisters. After college and some formal dance training, he danced with the Martha Graham Dance Company and later with Paul Taylor.

For the past eight years, he has directed and choreographed for his own company. Wagoner describes his choreography as dealing primarily with the formal elements of energy, time, space and movement.

Tickets for the concert are \$2.50 for students and senior citizens; \$3.50 for all others. They are on sale at the Strand Theatre, Nippenose and the Dance Office at Cornell's Helen Newman Hall. Admission for the lecture demonstration is \$1 at the door. For more information, call Alix Keast at 256-2360.

## Fall-In Won't Take Place This Year

Cornell Plantations will not hold its annual Fall-In this year "because of tight funding which has reduced staff available to plan and coordinate the event," according to Richard M. Lewis, director of Plantations.

"To present a Fall-In at this time would jeopardize some Plantations's projects and fall plantings," Lewis said.

The Fall-In, which began eight years ago with a gift from Mrs. Allan H. Treman, was designed

to introduce students, faculty and area residents to the Plantations while providing an entertaining and instructive afternoon. Exhibits ranged from folk dancing to horseshoeing, spinning, dry flower arranging and herb appreciation.

More than 10,000 people attended the 1976 Fall-In, but last year's event was cancelled because of bad weather.

"We hope that those who have enjoyed the Fall-In in past years will visit the Plantations this fall to enjoy the plants, open spaces and autumn color," Lewis said.

Spring is a good time for viewing the Plantation's collection of daffodils, azaleas and rhododendrons, and early summer is the best time to visit the Robison York State Herb Garden, the Riester shrub roses and the peonies collection, he added.

The Plantations grounds are open from sunrise to sunset every day. Office hours at Plantations headquarters at the old Forest Home Schoolhouse, 100 Judd Falls Road, are 8:30 a.m. to 5 p.m. Monday through Friday. The greenhouse is open on weekends only when the greenhouse man, Robert Jones, is in the area.

## Chinese Cultural Variety Show to Be Performed

A Chinese cultural variety show to be performed by the Youth Goodwill Mission of the Republic of China will take place at 8 p.m. Monday, Oct. 2, in the James Law Auditorium at the State College of Veterinary Med-

icine. The program is sponsored by the Federation of Alumni from Taiwan and the International Activity Group.

Traditional Chinese instrumental music, dance, drama, folk songs, as well as demonstrations of kung-fu, brush painting and calligraphy will be featured. American folksongs, which are popular in Taiwan, will also be performed.

The youth mission is made up of college students each with a specialized talent in some form of Chinese culture, such as opera, classic dance, kung-fu, etc. The group has visited many college campuses throughout the United States. Through their performances, they hope to promote friendship between the people of Taiwan and the United States.

## Thorbecke Named Babcock Professor

Economist Erik Thorbecke has been appointed the new H.E. Babcock Professor of Economics and Food Economics in the Division of Nutritional Sciences.

Chairman of the Department of Economics since 1975, Thorbecke's background is in international economic and agricultural development and planning and on world food problems.

The Nutritional Sciences Division includes faculty members from the State College of Agriculture and Life Sciences and Human Ecology. Thorbecke also will retain a joint appointment with the Department of Economics.

Copy submitted to the Chronicle for publication must be typed, double space, and submitted to the Chronicle Office, 110 Day Hall, no later than Monday noon preceding Thursday publication.



## Philosopher to Lecture

A professor of philosophy at Cambridge University will deliver a public lecture at 4:30 p.m. Thursday, Oct. 5, in Lecture Room A of Goldwin Smith Hall.

Bernard Williams, the Knightbridge professor of philosophy at Cambridge and fellow of King's College, will speak on "Philosophy and Conflicts of Value." The talk is spon-

sored by the Committee on University Lectures.

Williams's books include "Morality," "Problems of the Self," and "Descartes." He was a fellow of All Souls College and New College, Oxford University, and a professor of philosophy at the University of London.

Williams earned his bachelor's and master's degrees at Balliol College, Oxford.

## Loew to Give Convocation

The Rev. Ralph W. Loew, director of the Department of Religion of the Chautauqua Institution in Chautauqua, N.Y., will be the speaker at the Sage Chapel convocation at 11 a.m. Sunday, Oct. 1. His topic will be "Between What Has Already Happened and What Is Not Yet."

Loew is also pastor emeritus of the Holy Trinity Lutheran Church of Buffalo, where he served as pastor from 1944 to 1975.



## Weekend Concerts

### Contemporary Festival and String Quartet Slated

Modern music written and performed by regional composers and musicians and a performance by the Madison String Quartet will be featured this weekend (Friday and Sunday, Sept. 29 and Oct. 1) in two free concerts, sponsored by the Department of Music.

A performance by the Syracuse Society for New Music at 8:15 p.m. Friday, Sept. 29, in Barnes Hall marks the opening of Cornell's Contemporary Music Festival, the 11th in a series of year-long modern music events. Also in Barnes Hall, at 4 p.m. Sunday, is the Madison String Quartet.

The Society for New Music program on Friday, which is made possible in part by a grant from Meet the Composer, will be devoted to music by regional composers, including the local premiere of "De Amore et Morte" by Ithacan Ann Silsbee.

Silsbee's settings of seven medieval poems on love and death were written last summer

for soprano Neva Pilgrim and the society on a grant from the National Endowment for the Arts. Silsbee, a Radcliffe and Syracuse graduate, is completing the doctor of musical arts degree at Cornell. Her music has been performed in France and Germany, as well as in the United States.

Other area composers represented include: Earl George, professor of composition and conductor of the University Orchestra at Syracuse; Jay Reise, who teaches at Hamilton College and Nicholas D'Angelo, professor and chairman of the Department of Music at Hobart-William Smith Colleges in Geneva.

Reise has received the Koussevitzky Tanglewood composition award, Fromm Foundation commission and fellowships from the MacDowell Colony and Yadda. D'Angelo has received numerous honors, the most recent being the 1977-78 Shenna Meker National Memorial award for a chamber orchestra composition.

Performers in the Friday concert are professional musicians from the region: soprano Pilgrim; Janet Brady, violin; Carey Beth Hockett, cello; Peter Hedrick, oboe; William Nichols, clarinet; Brian Israel, piano; William Quick and George Ward Jr., percussion; Earl George, conductor; Carol Bellini-Sharp, actress.

The program for the performance by Syracuse Society for New Music includes Silsbee's "De Amore et Morte," Earl George's "Six Songs" (1966), based on poems of Emily Dickinson and "The Windhover: To Christ Our Lord" (1976), Jay Reise's "Alice at the End," a fantasy for soprano, actress and instruments depicting a 20th century Alice in Wonderland and Nicholas D'Angelo's "Three Fantasies on Three Themes of Picasso" for clarinet, violin, cello and piano.

Members of the Madison String Quartet, appearing Sun-

day, are Robert Hozek and Cordula Rosow, violins; John Dexter, viola and Stephen Stalker, cell. The program includes Quartet Opus 59, No. 1 by Beethoven, Italian Serenade by Hugo Wolf and the Debussy Quartet.

As a soloist, Rozek has given concerts in the United States and in Europe, and has recorded for Columbia Records. Rosow, conductor of the Hamilton College Orchestra for two seasons, performed widely in her native Europe, and has appeared at Aspen and Grand Teton festivals.

Dexter played in the West Point String Quartet while stationed at West Point during military service. A viola da gambist, he was a member of the Early Music Group of San Francisco. Stalker began his career as solo cellist of the Oklahoma City Symphony while teaching at the City University. Prior to going to Colgate, he also taught at Interlochen and Geneseo.

The quartet maintains an active concert schedule which takes it to major cities in this country and to Europe for summer music festivals, as well as participating fully in Colgate's program. This year will mark the group's debut with CRI Records of New York.

## Carter Adviser To Give Talk

Political scientist Samuel P. Huntington, an adviser to the Carter administration, will give a public lecture on "U.S. - Soviet Relations" at 8:30 p.m., today in Anabel Taylor Auditorium under the sponsorship of Cornell Forum.

A member of the Harvard faculty, Huntington wrote the controversial "Presidential Review Memo 10," on the world balance of power. The New York Times called the document, written in the first months of the Carter administration, "the most extensive and ambitious strategic review since 1950."



## Photograph Portfolio on Sale

Richard White's photograph above, is one in "Tropisms," a portfolio of 20 photographs by members of the Cornell community which is now on sale at the Johnson Museum, and the Green Dragon coffee house.

# Patenting Is a Growing Idea at Cornell

For decades "patent" has been a dirty word among many university faculty in American higher education.

Things are beginning to change, however, at a number of the nation's leading research institutions.

Among the leaders of this relatively unnoticed revolution is Cornell, along with Stanford University, Massachusetts Institute of Technology, and the Universities of Wisconsin and Illinois.

Stanford, for example, announced last year that since

1970 its Office of Technology Licensing had distributed more than \$750,000 to faculty inventors, their academic departments and the University general fund.

Cornell's own Department of Patents and Licensing has compiled figures going back nine years (when interest in patents picked up here) showing that the Cornell Research Foundation has received a total of \$1 million from licensees of Cornell inventions. Most of the funds, \$768,000, were paid to the inventors and to their departments

for further research. The remainder was used for operating expenses of the University's expanding patent program.

Currently, CRF, a wholly owned subsidiary of the University, holds 92 U.S. patents and has applications pending in the United States on 24 others.

A question that arises is what is behind this gradual abandonment of the time-honored idea that the fruits of university research are part of the public domain?

An obvious answer, of course, is that given the financial plight facing higher education this kind of idealism goes out the window under the pressure of necessity.

The answer is not that simple, however, according to Theodore Wood, manager of the University's Department of Patents and Licensing, established in 1976. Before that time all University patent applications were turned over to Research Corporation in New York City, which performs this service for more than 300 institutions in the

country. Establishment of the University's current program was based in part upon the recommendation of a study by the Cornell Class of 1922.

Speaking in his small office complex in 124 Day Hall, Wood said that in the 1960s certain departments in the federal government began to encourage universities to seek patents based on their research findings. While there never has been an official administration policy on encouraging use of the patent system, more and more federal departments are pursuing such a policy, Wood said.

Surprisingly, the greatest impetus has come from the Department of Health Education and Welfare. Norman J. Latker, patent counsel for HEW, has been a leading proponent of the patent system and the need for universities in particular to use it.

But why? Latker and others, including Betsy Ancker-Johnson, former assistant secretary for science and technology, U.S. Depart-

ment of Commerce, have argued publicly since the late 1960s that American business has fallen behind many European countries, not because it doesn't have new ideas for products but because too many of them never get developed and placed on the market. In their words American business is the victim of a growing "technology transfer gap" with most of the world's industrial nations.

They argue that by allowing new discoveries to enter the public domain immediately, private incentive to turn the ideas into marketable commodities is killed. It should be pointed out that a patented idea lasts 17 years in the U.S., then automatically enters the public domain.

As Wood says, "History shows that businessmen will seldom invest in an invention that is available to everyone."

Some argue that the "public domain idea" among faculty is a vestige of the pre-World War II university when the research effort on American campuses was relatively modest compared to today's standards. They also say it is related to "publish or perish" pressure. The patenting process can be drawn out and during that time the inventor feels constrained about publishing his or her research.

With the influx of billions of federal dollars in the past three decades, American research universities have become a major source of ideas and information needed for the future growth of American industry. University contributions have been crucial in the success of the space program and America's world leadership in electronics and computers.

Shifts in government research support, the increased emphasis on patents and licensing and the inevitable growth in inter-relationships with industry mark what appears to be a new era in the evolution of university research.

The question of whether patent and licensing will ever become a substantial source of revenue for universities is still open. The figures now don't indicate it will be, according to Wood.

There are other realities, however, according to Thomas W. Mailey, who works with Wood as manager of industrial liaison in what is called Cornell's Technology Transfer Program.

"We must be constantly aware," says Mailey, "that we exist to help inventors and move new ideas and concepts from research to industry. This does not mean that our total effort is towards making money—it means our orientation should be towards maximum exposure of good new technology resulting from research at Cornell."

Both Wood and Mailey feel their work is a new variation on the public service commitment of the university as the state's Land Grant institution.

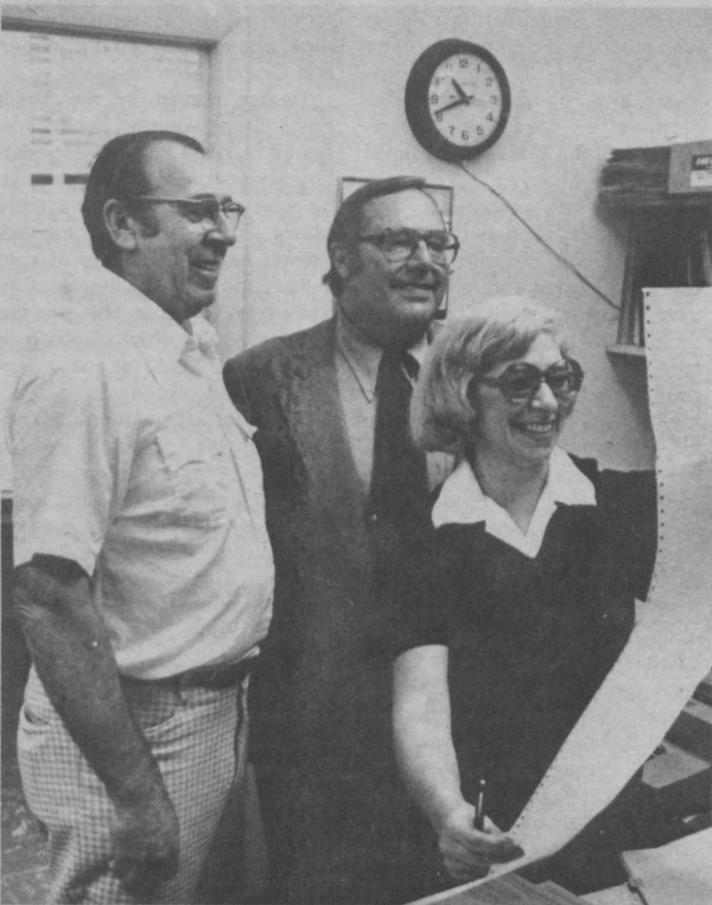
Wood, who retired in 1970 after 17 years as a patent executive with International Business Machines, Inc. says his patent work at Cornell is the most challenging of his career, which began as an examiner in 1946 with the U.S. Patent Office.

The overall technology transfer program is under the direction of W. Donald Cooke, vice president for research, with the assistance of Thomas R. Rogers, director of the Office of Sponsored Programs.

But if you have any patentable ideas, Wood is the man to see.

Martin B. Stiles

## FEATURE



Sophie F. Capolongo, administrative aide in the Office of Patents and Licensing, displays a computer printout of Cornell patents to Theodore C. Wood, left, manager of patents and licensing in the University's Technology Transfer Program, and Thomas W. Mailey, who serves as manager of industrial liaison for the program.

## Writing Prize Announced

The University Chapter of the Society of Sigma Xi is offering a first prize of \$250 and a second prize of \$100 for the best student-written popular articles on topics of current interest in the physical or biological sciences it receives by Feb. 1, 1979.

The competition, open to all graduate and undergraduate students at Cornell, is designed to stimulate the flow of information between scientists and the non-scientific public.

Articles submitted for the competition should be a minimum of 10 and a maximum of 15 double-spaced, typewritten pages and may be accompanied by photographs or easily understood graphs or diagrams. Pre-

viously published articles are not acceptable.

Additional information about the contest is available at 224 Phillips Hall, 239 Plant Science Building and G-20 Stimson Hall or by calling Simpson Linke, Sigma Xi vice president, at 256-4307.

Entries should be submitted to Linke, 204 Phillips Hall. Articles will be judged by a panel of scientists and non-scientists from the Cornell community.

Last year an article on "Cancer: What Has Science Revealed?" by Kenneth J. Falahee won first prize in the contest. Articles on "The Dying Stars" and "Potatoes and Plant Virology" by Richard B. Issacman and Gail L. Schumann, respectively, tied for second place.

## Library Director Named

Louis E. Martin, librarian of the Harvard College Library, has been named director of University Libraries System, pending final approval by the Board of Trustees.

President Frank Rhodes made the announcement during a news conference last week. If approved, Martin will succeed J. Gormly Miller at the end of this academic year when Miller is scheduled to retire.

Martin's nomination for the post was the culmination of a nationwide search begun late last year by a committee headed

by W. Donald Cooke, vice president for research.

Martin, 50, has been at Harvard since 1972. Before that he served for four years as associate executive director of the Association of Research Libraries in Washington, D.C., which represents some 100 of the leading research libraries in the United States and Canada.

He has been a librarian at the University of Detroit, Michigan State University and the University of Rochester. He earned the bachelor's degree in 1951 and the master's degree in 1954 at the University of Detroit and in 1960 received the master's degree in library science from the University of Michigan.

## Sponsored Programs Lists New Funding Opportunities

The National Science Foundation has announced a Dec. 4 proposal deadline for its Comprehensive Assistance to Undergraduate Science Education (CAUSE) Program.

The primary objectives of the program are to strengthen the resources for undergraduate science education, improve the quality of science education at the undergraduate level, and enhance the capability of the institution for self-assessment, management and evaluation of their science programs. Proposals involving activities designed to increase minority participation in science and engineering from institutions having substantial numbers of minority students are encouraged.

Institutions may request up to \$250,000 over a 3-year period, but only one proposal may be submitted from each institution.

For further information, contact Peter A. Curtiss in the Office of Sponsored Programs, 123 Day Hall.

Deadlines for outside Cornell funding opportunities are listed below:

The American Council of Learned Societies (ACLS) Fellowships: Sept. 30.

American Philosophical Society's basic grants of \$1000 are to be reviewed for awards on the first Friday of October.

The Research Planning Group of the Council for European Studies summer grants applications: Oct. 1.

The John Simon Guggenheim Memorial Foundation Fellowships: Oct. 1.

The George A. and Eliza Gardner Howard Foundation Fellowships should be applied for through the Dean of the Faculty.

Travel Grants for Senior Scholars in the Social Sciences and Humanities are considered quarterly: Sept. 30, first deadline.

The Woodrow Wilson International Center for Scholars Fellowships and the Keenan Institute for Advanced Russian Studies: Oct. 1.

The Institute for Independent Study Fellowship program for the Radcliffe Fellows: Oct. 15.

National Endowment for the Humanities Fellowships in Category B who are primarily teaching or intending to teach undergraduates: Oct. 1.

National Endowment for the Humanities' summer stipend applications: Oct. 16.

The regular monthly deadline update list will be published in the Oct. 5 Chronicle.

### Reminder

Nominations for the George A. and Eliza Gardner Howard Foundation fellowships are due in the Office of the Dean of the Faculty, 315 Day Hall, Wednesday, Oct. 25. See the Chronicle of Sept. 21 for details.

## ROTC Enrollment Is Up

Reflecting a nationwide trend in ROTC growth on college campuses, Cornell's Army, Navy and Air Force units have experienced a resurgence, according to Hugh J. Price, brigade long-range planning officer.

Price said that in 1978 the Army unit commissioned almost four times as many cadets as in 1975. Officer Education Day was held last week on the campus with nearly 450 cadets and midshipmen participating. Coinciding with Defense Day, Sept. 14, Officer Education Day is an attempt to express the "unity, camaraderie and common purpose among the three Cornell units," according to Price.

"It is hoped that the day's activities produce more amicable relations between ROTC and the rest of the Cornell community," Price said. Cadets and midshipmen attended classes in uniform, and the ROTC desk in Willard Straight Hall did a "brisk business distributing literature and answering questions about various programs," he added.



At the Robison Hall of Fame Room dedication, donor E. H. (Roby) Robison '18 talks to athletes and guests assembled.

## New Athletic Hall of Fame Inducts 61

A veritable who's who of Cornell athletics make up the charter group of 61 inductees in the University's Athletic Hall of Fame, which was announced in August by Athletic Director Dick Schultz.

Among the famous names in the initial list of Hall of Famers are recent headliners Ed Marinaro, Ken Dryden, and Mike French and long time Big Red standouts such as Brud Holland, Bob Kane, George Pfann, Jack Moakley, Dick Savitt, Charlie Moore and Charles Courtney.

A total of 51 athletes are included in the charter group along with three coaches, two administrators and five major donors. They were selected by a nine-person committee which had over 2,000 nominees to

consider. The nominees were submitted by alumni, friends of the University, coaches and administrators.

The inductees will be honored Friday evening, Sept. 22, at the first Hall of Fame Awards Dinner scheduled for the Statler Inn.

The following day they will help dedicate the Robison Athletic Hall of Fame Room before the Cornell-Princeton football game.

"This has been a very difficult job," said Schultz who directed the selection committee. "I never truly understood the great tradition of Cornell's athletic history until I started to look over the nominees. We had decided to limit the initial group of inductees to 50-60, but we could easily have had 200. Cornell can be proud of its athletic history

and the athletes who wrote it. I don't think any University in America can boast of a finer athletic heritage.

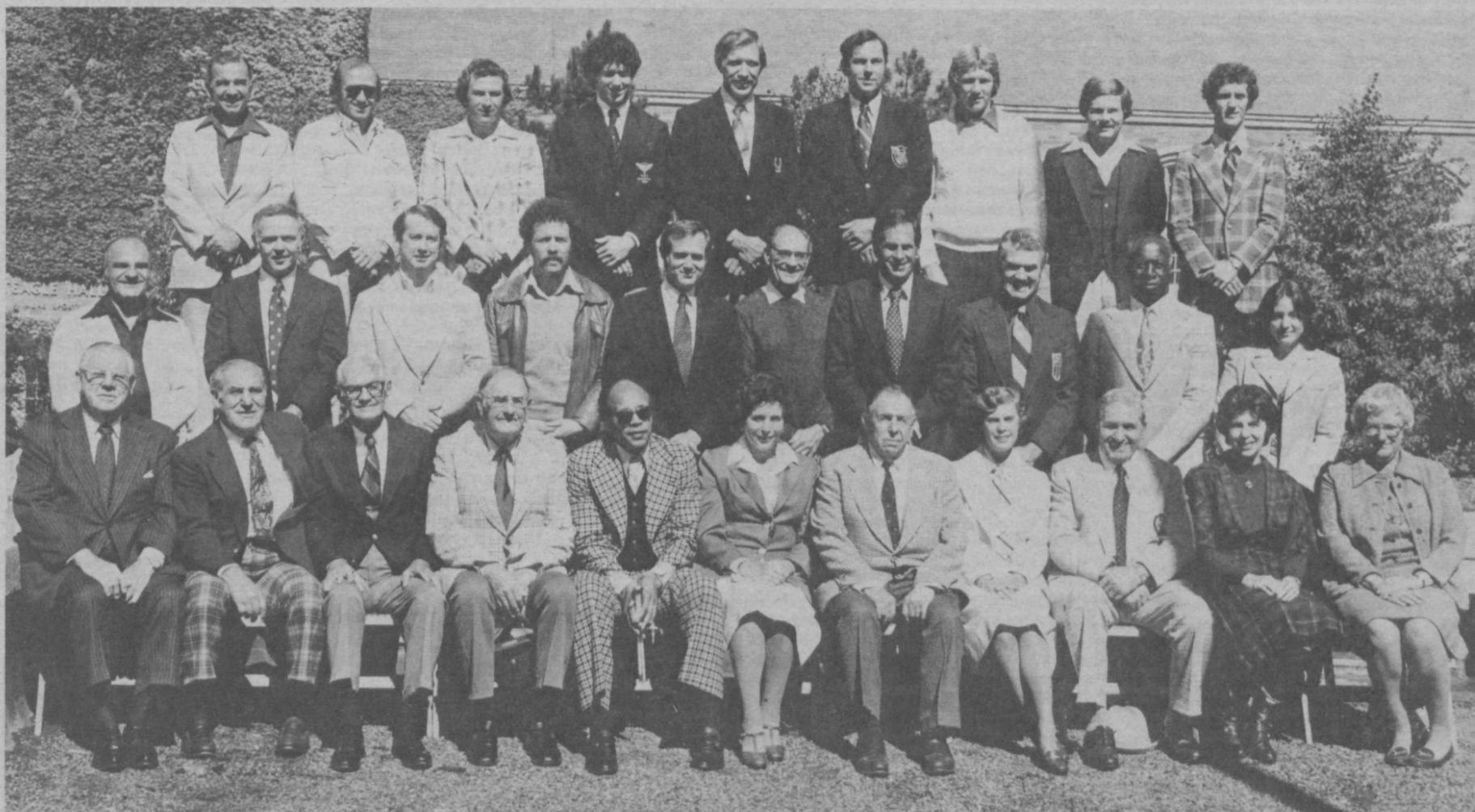
"The Hall of Fame is something Cornell has needed," Schultz added. "The great athletes who have represented the University deserve to be honored in a permanent way, and the Hall of Fame is the perfect vehicle. We are deeply indebted to Ellis Robison for his generous gift which enabled us to construct the Hall of Fame Room that will overlook Schoellkopf Field. Truly a perfect setting for the hall."

The complete list of inductees:

PETER ALLSOPP, '49, Crew (Deceased)  
 JOHN ANDERSON, '29, Track (Deceased)  
 CHARLES BARRETT, '11, Football (Deceased)  
 FRANK BETTUCCI, '53, Wrestling

RODNEY BLISS Jr., '34, Golf.  
 TOMMY BOAK, '14, Wrestling (Deceased)  
 GEORGE BOIZELLE, '70, Swimming.  
 HILLARY CHOLLET, '49, Basketball, Football  
 LES CLUTE, '13, Baseball (Deceased).  
 JOHN COLLYER, '17, Crew.  
 DR. CLARENCE C. "BUDDY" COMBS, '39, Polo.  
 CHARLES COURTNEY, Crew (Deceased)  
 BILL DeGRAAF, '56, Football, Baseball  
 KEN DRYDEN, '69, Hockey  
 JOHN FERRARO, '34, Basketball, Football  
 FRANK FOSS, '17, Track  
 MIKE FRENCH, '76, Lacrosse  
 MERDITH GOURDINE, '52, Track  
 PHIL GRAVINK, '57, Crew  
 AL HALL, '56, Track  
 JEROME "BRUD" HOLLAND, '39, Football  
 VICTOR HUERTA, '73, Soccer  
 JOHN PAUL JONES, '13, Cross Country, (Deceased)  
 STANLEY "KIP" JORDAN, '74, Soccer  
 BOB KANE, '34, Track  
 EDGAR KAW, '23, Football, Baseball (Deceased)  
 DAN LODBOA, '79, Hockey  
 JAMES LYNNAH, '02, Football (Deceased)  
 ED MARINARO, '72, Football  
 BILL McKEEVER, '39, Football, Track  
 JOHN McKEOWN, '73, Football, Track  
 TOM MacLEOD, '73, Football, Track  
 ERIC J. "JIMMY" MILLER, '46, Wrestling

JACK MOAKLEY, Track, Cross-country (Deceased)  
 CHARLES MOORE, '52, Track  
 GREG MORRIS, '68, Basketball  
 BILL NEWMAN, '07, Crew, Football (Deceased)  
 FLOYD "FLOOD" NEWMAN, '12  
 NICK NOYES, '06, Donor, (Deceased)  
 JOHN O'HEARN, '15, Football (Deceased)  
 GEORGE PFANN, '24, Football, Lacrosse, Basketball  
 IRV ROBERSON, '58, Football, Track, Basketball  
 ELLIS ROBISON, '18, Donor  
 CHUCK ROLLES, '56, Basketball  
 RICHARD "DICK" SAVITT, '50, Tennis  
 HENRY SCHOELLKOPF, '02, Football (Deceased)  
 FORBES "RED" SHAW, '27, Baseball (Deceased)  
 BOB SHAW, '72, Lacrosse  
 MURRAY SHELTON, '16, Football  
 WALT SICKLES, '41, Baseball (Deceased)  
 WALKER SMITH, '20, Track  
 BILL STOWE, '62, Crew  
 RAUL SUDRE, '60, Fencing  
 FRANK SUNDSTROM, '24, Football  
 WALTER TEAGLE, 1900, Donor, (Deceased)  
 PETE TUFFORD, '69, Hockey  
 BART VIVIANO, '33, Football  
 MARGARET WALBRIDGE, '74, Fencing, Basketball  
 WILLIAM J. WARNER, '03, Football (Deceased)  
 MARK WEBSTER, '70, Lacrosse  
 CLINT WYCKOFF, 1896, Football (Deceased)



### Hall of Fame Athletes

Among Cornell athletes or their representatives inducted into the Hall of Fame are (from left), Sunny Sundstrom, Bart Viviano, Buddy Combs, Walker Smith, Meredith Gourdine, Mrs. Russell Newton representing Jack Moakley, George Pfann, Mrs. Lawrence Austin representing James Lynnah, John Ferraro, Mrs. Jean Sickles representing Walt Sickles, Martha Clute representing Les Clute; second row, Frank Bettucci, Bill DeGraaf, Tom MacLeod, George Boizelle, Charles Moore, Rodney Bliss Jr., Dick Savitt, Al Hall, Brud Holland, Margaret Parker representing Murray Shelton; third row, Jimmy Miller, Raoul Sudre, Dan Lodboa, David Rae representing John Collyer, Phil Gravink, Bill Stowe, Mike French, Pete Tufford, John McKeown.

# Bulletin of the Faculty

## Full Faculty Meeting Sept. 20, Ives 110

The first full Faculty meeting of the 1978-79 academic year was called to order by the new speaker, Professor Russell Martin. Ives 110 was nearly full, so that for a change a healthy quorum was on hand, permitting some business to get done, the transaction of which added to the heat of the day.

The speaker first called on the president. The latter regretted to announce the deaths of the following Faculty members: Professors Emeritus William T. Tapley, LaMont C. Cole, Lloyd R. Simons, and Professors Otto E. Schultz, Hsien-Chung Wang, and Stephen W. Jacobs. The assembly rose for a moment of silence in their memory.

In considerably different mood, he then announced the distinguished teaching awards given in 1977-78 for which a healthy applause was accorded the following: In Agriculture and Life Sciences, Professor William C. Kelly; in Arts and Sciences, Professors Isaac Kramnick and Walter J. Slatoff; in Engineering, Assistant Professor Michael L. Shuler; in Human Ecology, Lecturer Gretchen McCord; in IL&R, Assistant Professor Roger R. Keeran, and in Veterinary Medicine, Professor Charles E. Short.

The speaker then called on Dean of the Faculty Kenneth Griesen. The dean hoped to get a few changes made in the Operating Procedures of the University Faculty. These were proposed last year by the Review and Procedures Committee and circulated n times in the hope that at a Full Faculty meeting they might be enacted. Lack of quorum each time precluded that realization. Most of the changes were innocuous. His Resolution 1 simply proposed some "housekeeping" items: eliminating references to the Senate, inclusion of some to the Campus Council, and the like. Wishing not to take up time, he made little comment regarding them.

Spotting one inadvertent omission in the listing of changes necessary, Professor Blumen suggested a little editorial work before re-issuing the new procedures. The dean hoped that if others noted similar errors, they would be called to his attention. The resolution was voted unanimously, as was No. 2. This one was also "housekeeping," cleaning up the language for clarifications in the document, correction of citations, elimination of dates used in the period of transition to the use of the procedures, and so on. The dean noted that all of the changes were listed throughout, as assurance that nothing was being slipped over on the Faculty.

His Resolution No. 3 dealt with the status of certain ex-officio members of the FCR and proposed giving them the vote. Voting privileges would now go to the dean, to the secretary, and to the four Faculty Trustees. Question was raised by Professor Whitlock as to the wisdom of this, that of including, as he thought, a Trustee of the Medical School Faculty, which has always been kept on the outside of the Ithaca Faculty doings. It turned out to be no problem: that Trustee is a fifth; the four referred to are the four from the Ithaca campus. So this resolution also went through quickly, without hassle. Not so, however, the next one.

Resolution on No. 4 dealt with the difficult (here, at least) quorum matter. The Faculty seldom musters for a meeting enough of its members to establish a quorum. There was a meeting a year ago when President Rhodes came aboard, for which it did manage to do so, one the preceding spring when President Corson went off, but since then none back as far as goes the secretary's file of minutes, to 1974.

The resolution was in three parts: one, to simply reduce for ordinary business the percentage of Faculty needed for a quorum — from 10 percent of its membership to 5 percent (from about 150 down to 75 members); for extra-ordinary business, changing it from 25 percent of the Faculty down to 15 percent of the authorized membership of the FCR (so, from about 375 down to 126 members); and third, nullification of an action of the FCR could be initiated by Faculty members not in the FCR and in number at least equal to the authorized quorum of the FCR, rather than as at present by Faculty equal in number to the membership of the FCR; those calling for nullification can at present also be FCR members who opposed the action in the first place.

This resolution drew considerable verbal fire. The source of contention was the proposed first part in particular its last three lines, which specified that once a quorum was established at a meeting, it would be assumed to hold thereafter through the meeting.

Professor Blumen spoke in opposition to the whole of the first part of the resolution—any reduction in the quorum; but he was especially opposed to the final three lines of the part. This could lead, he said, to a persistent few sticking around at a meeting until others had left and, as a majority at that point, pass any thing.

The dean called on the speaker, also something of a Parliamentarian, for his interpretation of the scenario. The latter read from Roberts': The speaker sees a quorum is on hand before he starts a meeting; if at any time he feels it is lost, he declares that fact; and any member can ask for a count at any time.

Professor Blumen moved the deletion of that part of the resolution and it was seconded.

The dean inquired as to whether he was deleting the last three lines or the whole bit. The professor said he had no choice at the moment, the proposition did not reflect what the dean had written in his call to the meeting, it could be discussed later, it was not understood, he did not wish to speak to it.

The speaker then sought clarification; he understood Professor Blumen to be striking the last three lines. On the contrary, he had moved deletion of the whole first part, whereupon his seconder said he had misunderstood — he had only seconded half the motion — the deletion of the crucial last three lines. Very confusing.

Professor Blumen then asked for a second to his full motion, which he got. He then declared in favor of his motion somewhat in the following vein: The misinterpretation of the quorum had stood through the tenure of one dean and the start of another's; the obvious intent was to make the Faculty think it was just cutting the quorum in half. In reality, the resolution is written so that with a small "iron-bottomed" crew, hanging on until everyone else had left a meeting, you could get "teasers" rules of order." It's a move to get rule by minority. You trap a crowd; you've got to grab them with a real star, songs, dance, witticisms. What is proposed now is to get a smaller group, and the smaller group can re-do the by-laws. The University Faculty doesn't know what is going on. If the dean doesn't know, how can the Faculty know? The essence of the proposal is to go back to the good old days, managing it with a small group who do not like the FCR.

Professor Penney spoke against the motion but said, if it were defeated, that he would move to amend the original proposal by deleting the last three lines.

Professor Whitlock said the choice is either representative government that can function, or a non-representative government to which the Trustees pay not the slightest attention. If we can't get enough steam up in this Faculty to turn out 150 members, it wasn't worth bothering with. Referring to the age-of-retirement fracas of last spring, he added that the FCR was not paid much heed either.

Professor Knapp needed clarification (he was not the only one!); he inquired as to whether it was the last three lines or the change from 10 percent to 5 percent that was being discussed. The chair understood it to be the whole thing, to which Professor Blumen agreed.

Professor Chester moved to amend Blumen's motion, to the effect that only the last three lines be excised. It was seconded. Professor Chester thought the first part, the reduction in quorum, was a wise move but that the last three lines could have disastrous consequences. After further parliamentary questions, Chester's amendment to that of Professor Blumen was voted favorably.

There was much confusion during all this as to what was transpiring. Asked to read the motion as it stood, the secretary, thoroughly lost and befuddled, refused. Professor Blumen summarized where he thought things stood, to which there seemed to be agreement.

Professor Bugliari called the question on Resolution No. 4 and it was finally voted; the result was handsomely in favor of the resolution, but a future meeting better hold its quorum.

In spite of the obfuscation, there was little doubt where the body stood throughout: members liked the concept of the quorum reduction but as thoroughly disliked the possible and nasty scenario Professor Blumen outlined. (Equally nasty is the reverse: observers of the old Senate will recall more than one instance when in an apparently losing debate and before the vote, a large number on the losing side would bolt from the hall, a remaining loser would all for a quorum count, which would fail and so end the proceedings. One hopes the Faculty would not resort to shenanigans of either sort.)

Resolution No. 5 had to do with the authority of the Faculty in establishing committees; it extended to the Review and Procedures and the Executive Committees the authority to create ad hoc committees. Some such actions of a year ago were challenged, so that clarification was sought. Professor Blumen saw the plan seemingly as a plot to create a parallel structure in the process of getting rid of the FCR, Review and Procedures can not make a sub-committee of members of the parent committee; Review and Procedures he continued, would be a runaway committee, creating ad hoc committees indefinitely; Roberts' is very clear in this matter.

But it came to an end. Professor Littauer

moved that the three parts be considered in seriatim, and it was so voted. It was then moved by Professor George to postpone their consideration to the next meeting; it was voted. And that was it.

Professor Penney inquired what quorum would exist for that next meeting and the speaker replied that that would depend on the result of the referendum on the four OPUF changes just passed, which balloting would take place before the next meeting.

The speaker then called on Provost Kennedy for his discussion of the planned University adjustment to financial equilibrium. He began by noting the privilege he thought it was to be a drawing card. From that point on it was all uphill. The talk was reprinted in its entirety in last week's *Chronicle* (Oct. 21) and will not be excerpted in these notes.

Following the presentation, the speaker opened up the meeting for questions. While now well past the usual adjournment time, a sizable fraction of the audience stayed with it; Professor Whitlock had pointed out that there was no mandated adjournment hour for the Faculty. Professor Blackler asked what was meant by a peer institution; was it an Ivy League University to which Cornell was going to be compared, or something different. The provost said the deans were looking at this and attempting to select units elsewhere, by school and college, as alike as those here as possible. It was with peer units at other institutions rather than the overall institution itself with which general support level comparison would be made.

Professor Talman found in the Provost's nine criteria for reduction in the academic units no mention of quality of research. Was this an oversight? The provost said as far as he was concerned he was not attempting to put productivity of measurements as a criterion. Talman, still bothered, said he would like the stress put on quality, not quantity of research. Noted, the provost indicated.

Professor Wilkins said he had heard two talks now — the present one and the president's of last week but he was unclear as to how the decisions are to be made. We've had 10-15 percent cuts before; they were perceived as being evenly distributed and to a large extent cuts were locally generated and they cut into our muscle. If we do it again, we'll go through to the bone. Did he understand that the central administration with consultation would make the selective cuts? The provost said it would not be quite that way.

First, in consultation with the deans, a dollars target figure will be given a school or college. The dean of that college will work with a Faculty committee of the college and with the departments to effect the reduction.

The central administration will review the reductions to the extent of ensuring that they are long term commitments. There is to be no reduction in general expenses; irresponsible to do so. Administration will be involved in terms of the different units. He indicated that there was no \$7.5 million excess money to cut away; there would have to be program cuts if we hope to maintain the rest at strength quality so that we can compete.

Professor Wilkins wished to get concrete: we're talking about \$7.5 million; of this about \$2.5 million may come from income enhancement; that leaves \$5 million in a budget of about \$100 million, or 5 percent, and we aren't going to make this up out of general expenses. That doesn't leave many places to go for the balance. We aren't taking on as many new faculty as we used to; those already

here are getting older. How are we going to handle 5 percent off our marrow, Wilkins asked. The provost said that trade offs have to be made. Certainly, retirements and resignations will be used to the full; tenure — no violation, but we have to reduce Faculty, lecturers, assistants, etc. It is easy to say we can't do it; he thinks we can but it will be tough. He pointed to the 98 new faculty taken on this year as encouraging. There may be temporary reductions in an area where one would not expect them, to be taken over by a lower priority area in a year or so as a matter of logistics.

Professor Silverman did not understand the \$7.5 million. Besides the \$2.2 million deficit, he saw other things like putting \$1.5 million in the bank. Where does the remaining \$5.3 million come from? Kennedy said that besides the \$2.2 million planned deficit, \$1.3 million overrun was taken out of bank reserves, and that's not included in the \$2.2 million; so there's \$3.5 million. Doing to our reserves as we are — down, down, down, we must think of the future; it is felt we should start rebuilding them a bit — the \$1.5 million figure. Reallocation means that within the present programs we are not meeting our competition in salaries, library support, etc. So we put \$1 million there.

Looking at Rockefeller Hall, Goldwin Smith, and others, it is clear we have to rebuild the plant. That's another \$1 million. Equipment, likewise; \$0.5 million is little enough to put into that. Total: \$7.5 million.

Professor Potter thought it not easy to make cuts in the statutory units with state commitments to meet; most would have to come from the endowed units. The provost responded, saying that the legislature takes care of cutting the statutory units. But these units will make some impact in the \$2.5 million enhancement in enrollment, aid and tuition changes. By state law they can't make money; but they shouldn't lose either.

He was asked how tenure decisions would be used in the next three years. He could not answer for the colleges, with which tenure decisions rest. They might well decide not to review for tenure as frequently; on the other hand there is the deep concern to keep young faculty entering the ranks. There will be trade offs.

Professor Penney, continuing this line, asked if the president, the provost and the deans did not constitute three road blocks in the tenure process which could be used. Provost Kennedy allowed as how that was so but he couldn't see the administration exerting its authority in specific individual cases that way. If a program might not permit advancement to tenure, however, it might be deferred.

Professor Ashcroft, the fourth physicist to have a query, asked about the psychological impact on the Faculty; the cuts will be severe, something of a wet blanket to live under. Yet Faculty would like to dream up new programs, but under these pressures the dean will take a dim view. Is there any appeal mechanism? The response was that certainly any time a faculty group feels an arbitrary or capricious decision has been made, administration must take time to look at it. He has great confidence in the dean and his committee, at work already in Arts and Sciences.

With that, adjournment was called for and accepted, around 6:30 p.m. Not the happiest meeting on record, but, for better or worse, something was learned and something accomplished.

P.L. Hartman, Secretary

## Awards

### Austic

Richard E. Austic, animal nutritionist at the State College of Agriculture and Life Sciences, has received the 1978 Poultry Science Research Award from the Poultry Science Association.

The award, consisting of a \$500 prize and a scroll, recognizes outstanding research published in the Association's journal, "Poultry Science," during the preceding year.

Austic received the honor at the annual meeting of the national scientific organization, held recently at Clemson University in South Carolina. He is a faculty member of the college's Department of Poultry Science.

Austic was recognized for his research on the role of the shell gland in determining the firmness of the egg white during the course of egg formation. His work may eventually lead to eggs with thicker, firmer albumen — an important trait affecting the market value of eggs.

A native of Trumansburg, Austic received degrees from Cornell and the University of California at Davis.

### Wiest

Steven C. Wiest, a Cornell graduate student, and his faculty adviser, Peter L. Steponkus, have been presented with a national award for their outstanding research in ornamental horticulture.

Wiest and Steponkus jointly received the 1978 Kenneth Post Award for superior graduate student research in the field of floriculture and landscape horticulture.

Steponkus, an agronomist at the State College of Agriculture and Life Sciences, has now had three of his graduate students win the annual award in the last eight years.

The two agronomists received the honor at the annual meeting of the American Society for Horticultural Science in Boston in July.

Established in 1964 by the Kenneth Post Foundation, the award includes a \$200 prize for the student. Wiest was singled out for his research on the ways in which freezing injury affects the roots of container-grown plants.

# "Television Is to Blame"

Students in France can't write either, according to Andrew D. White Professor-at-Large Pierre-Gilles de Gennes, considered the leading theoretical physicist in France today.

Touching on a familiar topic to American ears, de Gennes blamed television for a growing inability among contemporary French students to communicate effectively in spoken or written form.

In a Chronicle interview, de Gennes said he encountered the problem head-on two years ago when he became director of "Ecole de Physique et Chimie," an elite institution of about 200

students which grants degrees roughly equivalent to our professional master's degrees in engineering physics and chemistry.

He said many of these students, the cream of the French Educational system, are often unable to prepare simple readable reports focusing on the heart of a problem much less present a succinct, to-the-point oral explanation.

De Gennes, who spent the first three weeks of this month on campus in his initial visit as a professor-at-large, said television has created a communications problem world-wide. He said he has heard the same complaints

about students in Japan and many other nations.

While he said he was reasonably proud of the overall cultural quality of television in France, he said, it is a passive medium that requires little or no active participation on the part of the viewer.

Remembering his own school years in France during the 1940s and early '50s, he said there is little emphasis today on writing or actively observing and recording what one sees.

"You take today's students for a walk in the woods and they don't see anything. They have to learn to look for themselves," he said.

De Gennes is attempting to solve the problem for the students in the "Ecole de Physique et Chimie" at a very practical level. They are all now forced to take an English language program at the conclusion of which they must pass an international test on proficiency in reading and writing.

"I did this," he said, "because English is now the international language of science and business. French businessmen and industrialists are demanding graduates with this preparation."

He said the active thinking and organizational skills developed in the program are also having a marked effect on the quality of the students' written and verbal communications in French.

De Gennes, who is also professor of physics at the College de France, said he hired an entirely new and expanded staff for the English program.

## Administrators, Employees 'Brown Bag It' Together

A series of "brown bag luncheons" with top University administrators, including President Frank Rhodes, will be conducted this year for Cornell employees.

The first is scheduled to start at 12:10 p.m. today (Sept. 28) in 202 Uris Hall and will be with Senior Vice President William G. Herbster.

All the sessions, which are scheduled on Thursdays in 202 Uris Hall throughout the year, are being sponsored by employee-elected University Trustees Ardella Blandford-Wilson and George Peter. They ask that

employees wishing certain topics and issues be discussed advise them through the campus mail.

Other sessions scheduled to date are with William D. Gurowitz, vice-president for campus affairs, Oct. 5; Robert M. Matyas, vice president for facilities and business operations, Oct. 26; Samuel A. Lawrence, vice president for financial and planning services, Nov. 2; Provost W. Keith Kennedy, Nov. 30; President Rhodes, Dec. 14; and Herbster, Jan. 4.

## 'Volunteer Work Helps Make Career Decisions'

By Mary McGinnis  
CIVITAS Coordinator

Every Cornell student faces the tough question, what kind of a job do I want and how do I go about getting it? Whether that decision is far away or very close, volunteering is a useful tool in finding the answer. CIVITAS can find you an unpaid job in almost any broad career area you can name, and the experience of talking to and working beside professionals in the field will help you sort out the options.

It is difficult to understand what you can learn from a volunteer job before you actually try one. Some of the simple volunteer needs we list can give you valuable training and a better understanding of what it is like to work in varied areas: public relations, personnel recruitment, museum and art gallery management, theatre production, environmental education and conservation, historical research, social planning on federal, state or local levels, nutrition education and dietetic management, juvenile justice, fund raising. At CIVITAS we know the Ithaca community. Tell us what skill you want to learn or practice, what career field you want to find out about, what vague interest lurks in your mind. We can help you assemble your thoughts and will do our best to match your needs with a community opportunity. THIS

### WEEK'S REQUESTS FOR HELP

**DO YOU WANT TO PRACTICE A FOREIGN LANGUAGE?** Each fall the Ithaca schools are faced with the problem of helping the non-English speaking children of visiting faculty and students learn enough English to start communicating with friends and teachers. It is a chance to practice foreign language skills with an uncritical and grateful audience. If you know even a little of the following languages, your help is desperately needed: Polish, Korean, Danish, French, German, Turkish, Spanish, Portuguese. Almost any time, any day between 9 a.m. and 3 p.m., or, in some cases, after school and weekends.

**MONDAY AFTERNOON BUS TO WILLARD PSYCHIATRIC CENTER:** Limited number of empty seats available for CIVITAS volunteers to ride the bus to Willard and back. Leaves campus at 12:30 p.m.; returns 4-4:30 p.m. You can work in art, music, recreational therapy, crafts, domestic skills as you choose.

**ENGLISH, MATH AND SCIENCE TUTORS:** Some Ithaca secondary school students are already seeking help in these areas. Times and days are flexible, as is tutoring site. One or two hours a week.

**MALE PRISONER IN MIDWEST SEEKS CORRESPONDENT:** Lonely, bored male in his early thirties, prison trustee, would like to correspond with someone on the outside to keep him in touch with the world. Volunteer can use address of third party if anonymity desired.

**SEVERAL LOCAL ORGANIZATIONS SEEK PUBLIC RELATIONS HELP:** Do you want to practice writing or speaking skills, or do art work? Local organizations, some in human service, some in the world of the arts, seek public relations help. The amount of time you put in is up to you, as is the schedule. This could also provide you with media experience and interesting contacts.

**THEATER AND PUPPETRY ENTHUSIASTS:** Anyone interested in working with children in supervised program involving all aspects of drama, puppetry and other artistic fields relating to staging, costuming or make-up. Volunteers will receive training in putting together a production, and will work in public school setting with plenty of supervision.

**RESEARCH IN AMERICAN STUDIES AT ITHACA HIGH SCHOOL:** High level class, excellent teacher, can use helpers to work with small groups of students in doing research, writing and speaking on projects in American history and culture. Any weekday but Thursday, almost any time between 9 a.m. and 3 p.m., for an hour or two.

**PHOTOGRAPHERS ARE WELCOME:** We have many calls for photographers to work with children and adults. If your hobby is photography, and you would like to share your enthusiasm with someone else, come see us about the opportunities.

To respond call CIVITAS, 256-7513, Monday to Friday, from 10 a.m. to 2 p.m. or drop by 125 Anabel Taylor Hall.



Moshe Kochavi of Tel Aviv University and David Owen of Cornell examine one of many rare historical finds from the Canaanite period taken from the Biblical site of Apeh-Antipatris in Israel.

## Archaeologist's Dream Comes True in Tel Aviv

"An archaeologist's dream come true" was the way one scientist reacted this summer when the first complete historical document from the Bronze Age ever found on a site in Israel was discovered after a century of excavation in the Holy Land.

Cornell was well represented at the unprecedented event.

David I. Owen, chairman of Cornell's Department of Near Eastern Studies, was the expedition's epigraphist and is responsible for deciphering and preparing for publication the ancient cuneiform tablet written in the Akkadian language about 1240 B.C.

Through a Summer Session program, Owen led a group of 21 students at the excavation of the Biblical site of Apeh-Antipatris in Israel in June and July.

The ancient tablet on which Owen is working is 9.5 by 5 centimeters, is inscribed on both sides, and contains 41 lines of a letter to an Egyptian official from a counterpart in North Syria.

"This is first-hand evidence of a relationship between the great powers in Canaan in the 13th century B.C.," Owen said. "It will provide significant new information for the dating of archaeological levels immediately preceding the conquest of Canaan by the Israelites."

According to Owen's decipherment of the tablet, the letter was written to "Haya," an Egyptian official, by "Takuhlina," a high official in Ugarit, a city in North Syria. It concerned the transfer of some grain between third parties which resulted in litigation that Takuhlina sought to resolve.

The letter closes with the announcement of a gift of 100 shekels of blue wool and 10 shekels of red wool for Haya from Takuhlina.

Another one of this summer's significant discoveries is a fragmentary tablet in a script new to archaeologists. Owen

thinks it may be the first example of Philistine writing ever found since it was found buried under a Philistine floor during the Philistine period.

"Cornell students were personally responsible for some of the most important discoveries of the season," Owen said.

Among other items found this year were golden earrings, a bone hair pin and two necklaces, all discovered in the palace along with the Akkadian tablet. Significant new ceramic materials also were added to previous findings at the site, Owen said.

This was Cornell's first season as a participant in the Tel Aviv University dig, and Owen plans to return next June with a new group of 20 to 30 students who will continue to explore for a four- to eight-week period. Students interested in participating next summer should contact Owen as soon as possible.

Cornell Summer Session students who go pay tuition for a six-credit course plus expenses. The tuition is used to support the project.

"This dig offers the widest opportunity for students of the antiquity of Israel and the Near East, Owen said. "The site is one of the most important in the Biblical period because it sits on the main north-south highway between Egypt and Syria and was subject to foreign influences through trade and conquest."

"The widest variety of inscriptions ever excavated in Israel has been found there, including this summer's cuneiform text, the longest ever found in Israel."

Moshe Kochavi, who spoke at Cornell in February as the first Col. Yontan Netanyahu Memorial Fund Lecturer in Jewish Studies, began directing the excavations seven years ago under the auspices of the Institute of Archaeology at Tel Aviv University.

During the first six summers, the dig exposed the acropolis of the Canaanites from the 13th century B.C.; a city of the Philistines, circa 1200-1050 B.C.; an Israelite settlement, c. 1050-800 B.C.; the Hellenistic remains of Pergae, and the Roman city of Antipatris.

The mound of Apeh covers some 25 acres and slightly more than one acre has been excavated thus far, according to Owen.

## New Telephone Charges to Go Into Effect

The previously announced charges on all off-campus local telephone calls will go into effect Sunday (Oct. 1) under the new "Timed Rate Message Service" charges levied on businesses.

However, according to the University's Telecommunications Center, all local calls made from dormitory telephones are still on flat-rate service and not subject to charges.

The Time Rate Message Service charges are: 8 a.m. - 9 p.m. weekdays, first 5 minutes 8.5c — overtime per minute, 1.2c; 9 a.m. - 11 p.m. weekdays, first 5 minutes, 5.6c, overtime per minute, .8c; 8 a.m. - 11 p.m. weekends, first 5 minutes, 5.6c, overtime per minute, .8c; 11 p.m. - 8 a.m. daily, first 5 minutes, 3.4c, overtime per minute, .2c.

According to Telecommunications Center, offices may have all or some of their telephone lines restricted so that no off-campus calls can be made on them while incoming local calls still will be received. There are several other similar economy schemes for telephone use that can be adopted. Detailed information can be obtained from the center by calling extension 6-4243.

## \$1.3 Million for Cornell

The supplemental budget that was presented to the New York State Legislature yesterday is understood to include some \$1.3 million of additional funds for projects at Cornell.

State Sen. William Smith, who represents this district, reported that the proposed funds will cover several things being sought by the University.

Among them, he said, are funds for Industrial and Labor

Relations Extension Education, building maintenance, the Family Development Center, brucellosis testing, urban experiment stations, repairs to Bradfield and Emerson halls, technicians at the Geneva Experiment Station, additional interns and residents at the Veterinary College.

The supplemental budget must yet be approved by the Legislature.

## Wintersession Trip to Russia

A meeting will be held for persons interested in the Wintersession trip to the Soviet Union at 7:30 p.m., Thursday, Sept. 28 in Ives 118. The trip, to take place from Dec. 30 to Jan. 14, is open to the Cornell community. For further information, call the Extramural Division at 6-4987.

## Open Bowling Times

Open bowling at the lanes in Helen Newman Hall is scheduled at the following times:

8 a.m. to 6 p.m. Monday and Tuesday; 8 a.m. to 11 p.m. Wednesday and Thursday; 6 p.m. to 11:30 p.m. Friday and Saturday. The lanes are closed Sunday.

Anyone interested in joining a league should call John Tharp at 6-4200.

## Assertiveness Training

An assertiveness training group for women of the Cornell community will be starting in early October. The six-session course is sponsored by the Office of the Dean of Students and Gannett Clinic. The training is designed to help women learn how to become more effective in their interactions with others. There is no fee for the assertiveness training, but group size is limited. For more information, or to register, call Joyce Sirlin at the Clinic (256-5208), or Sandy Stein at the Office of the Dean of Students (256-3608).

## Folksong Festival Planned

The Cornell Folk Song Club and University Unions Program Board are sponsoring a weekend folk festival "Close Enough for Folk" Sept. 29 and 30 with concerts both evenings at 8 and workshops all day Saturday. Tickets are \$5 and may be obtained at the Willard Straight Box Office or by mailing a check or money order with self-addressed, stamped envelope to Cornell Folk Song Club, Willard Straight Hall.

## Anthropology Picnic Planned

A departmental picnic for anthropology majors will be held at 1 p.m., Saturday, Sept. 30 at Upper Treman State Park. For further information, contact the Anthropology Department, 215 McGraw Hall.

## Running Program Opens

The Marathon Program will hold its first meeting at 4 p.m., today at the North Campus Union. A videotape will be shown for beginning runners and John Tell will outline the Run for Your Life Program.

Dr. Andrew Larkin will speak at 5 p.m. today on "Western Yoga" and show a film of "Run for Life" in Martha Van Rensselaer N-207. Larkin's talk is part of an ongoing series open to the public focussed on health, exercise and well being.

All smokers who wish to stop smoking are invited to GASP at noon or 4 p.m., Friday, Sept. 29 in Barton 301.

For further information call 274-3409.

## Right to Eat Meeting

The Coalition for the Right To Eat will have a planning and organizational meeting at 4:15 p.m. Friday, Sept. 29 in the Founders Room, Anabel Taylor Hall. The purpose of the meeting is to discuss projects for the year. In the planning are tours to small family farms (both organic and inorganic) in Tompkins County, a nutrition education project in Ithaca which would involve cooking, canning and other methods of food preservation, and a campaign to promote the idea of "eating ecologically."

The Coalition is a student organization concerned with the relationship of the food production system to our social, political and economic structure. For more information, call Rick Wackernagel at 273-1825 or Carol Schrieber at 272-2996.

## Open Reading of 'Gloria' Set

Risley College for the Fine and Performing Arts will present an open reading of Vivaldi's "Gloria" at 8 p.m., Friday, Sept. 29 in the Risley Dining Hall. All members of the campus and Ithaca communities are welcome to sing, play or listen. For those wishing to participate scores will be provided, but those who wish to play must bring their own instrument. Refreshments will be served.

## Statler Concert Tickets

Tickets for the second of the Statler Series concert, a performance at 8:15 p.m. Monday, Oct. 16 by The Chamber Music Society of Lincoln Center, will go on sale Oct. 2. In addition, series tickets for the Bailey Hall concerts are still available. Call the Lincoln Hall ticket office, 256-5144, open 9 a.m. to 1 p.m.

## English Language Tests

Under the Special Center Testing Program the Guidance and Testing Center at 203 Barnes Hall will now be administering the Test of English as a Foreign Language. Test dates are Oct. 6, Dec. 8, Jan. 12, March 9 and June 8. Applications may be obtained at 203 Barnes Hall.

## Cinema Board Has Vacancy

The Cornell Cinema Advisory Board is now accepting applications for one faculty position to be filled immediately. The Advisory Board's functions are to set policy for Cornell Cinema and to design each month a program of films to serve the diverse cultural and educational needs of the Cornell community. Interested faculty should contact the chairman of the Cinema Advisory Board Terrence Rafferty at 525 Willard Straight (6-3255) or at home (277-0507) as soon as possible.

## OEO Director Nominations

Nominations and applications for the position of Executive Director of the Office of Equal Opportunity are due by Oct. 1. The search committee, composed of Florence Berger, Alison Casarett, W.D. Cooke, Ruth Darling, Lloyd Street and W.K. Kennedy, will begin the screening process early in October. Applications and nominations can be sent to the Provost's Office or to any member of the search committee.

## Living Facilities in G.B.

Corpus Christi College at Cambridge University, England, provides living facilities for visiting scholars and their families at the college during the academic year for a minimum of one term. Details about the accommodations are available from the Office of the Dean of the Faculty, 315 Day Hall.

## Indoor Playcenter Registration

The Indoor Playcenter, a large-scale playgroup for preschoolers co-sponsored by North Campus Union Board, will be open for registration from 9:30 to 11:30 a.m. Oct. 2 and 3 (not Oct. 3 and 4 as listed in last week's Chronicle) in the Multi-Purpose Room, North Campus Union. For further information, call Carolyn Peterson at 257-2703.

# Graduate Bulletin

Late initial course registration and/or course additions is still possible upon payment of \$10 late fee. (Deadline was Sept. 22).

Oct. 27 is the deadline for dropping courses or changing the grade option.

Graduate students whose employment is other than a teaching or research assistantship and is in excess of 10 hours per week (and is not contributory toward degree) or 20 hours per week (and is contributory) may be eligible for proration of tuition. Applications are available at the Information Desk, Sage Graduate Center.

Doctoral candidates who have completed four years of residence are not receiving money from Cornell, and who need only library facilities (use of carrell included) to complete their theses may be eligible for a special tuition rate of \$400. Check with the Graduate School for details and application forms.

Graduate students planning doctoral dissertation research overseas in modern foreign languages and area studies should

consider the Fulbright-Hays Doctoral Dissertation Research Abroad Training Grant Program administered by the Department of Health, Education and Welfare. Under its auspices, graduate students may be funded for six months to one year of independent research in non-Western European countries which have diplomatic relations with the U.S. Students applying for dissertation research in East Asia, East Europe and Russia, Latin America, South Asia, and Southeast Asia should request forms and deadline information from the appropriate Foreign Area Program in Uris Hall. Applicants to other non-Western European countries (e.g. Near East, Africa) should contact the Fellowship Office, 116 Sage Graduate Center, no later than Oct. 16.

Applicants for Fulbright-Hays Grants administered by IIE are reminded that their application must be typed and that all references and transcripts must be received by the Fellowship Office no later than Oct. 6.

# Special Seminars

### Agriculture and Life Sciences

AGRICULTURAL ENGINEERING AND ENVIRONMENTAL STUDIES PROGRAM: "Land Treatment of Fruit Processing Residuals in Southern Pennsylvania," Lewis M. Naylor, State Department of Agricultural Engineering, 3:30 p.m., Friday, Sept. 29, Riley-Robb 105.

JUGATAE: "Suborders of Spiders or, What Is Cladistics?"

## Career Center Calendar

Sept. 28 — Interviewing at Medical, Dental and Veterinary School. 1:25 p.m., Career Center.

Sept. 28 — Junior pre-med orientation. 7:30 p.m., Stimson G25.

Sept. 28 — The Job Hunt: a talk on identifying and locating a rewarding job. 7-10 p.m., Career Center.

Sept. 29 — Resume Critique. 12:20 p.m., Career Center. Sign up in advance.

Sept. 29 — Pre-law meeting. 3-4 p.m., Goldwin Smith 234.

Oct. 2 & 3 — Waiving your right of access to your evaluation file, for junior and senior pre-med, pre-dent and pre-vet students. 12:20 p.m., Career Center.

Oct. 3 — Resume Critiques. 3 and 3:45 p.m., Career Center. Sign up in advance.

Oct. 4 — Waiving your right of access to your evaluation file, for junior and senior pre-med and pre-dent students. 1:25 p.m. Career Center.

Oct. 4 — The Job Hunt. See above. 7-10 p.m., Career Center. Sign up in advance.

Oct. 4 — Question and answer session on LSAT, GRE and GMAT. 4 p.m., Uris G-92.

Oct. 4 — Career Opportunities: Nurse Practitioner. 7 p.m., International lounge, WSH.

Oct. 5 — Waiving your right of access to your evaluation file, for junior and senior pre-med, pre-dent and pre-vet students. 1:25 p.m., Career Center.

Oct. 5 — Management School Admissions: A discussion with George Ridenour, director of Admission at the Cornell School of Business and Public Administration. 4 p.m., Ives 117.

Norman Platnick, American Museum of Natural History, New York City, 4 p.m., Monday, Oct. 2, Caldwell 100.

POMOLOGY: "Uses of Modeling in Horticulture," Michael Sarette, 11:15 a.m., Monday, Oct. 2, Plant Science 114.

### Arts and Sciences

PSYCHOLOGY: "New Directions in Social Psychology," Rom Harre, SUNY, Binghamton, 4 p.m., Friday, Sept. 29, Uris Hall 202.

### Biological Sciences

ECOLOGY AND SYSTEMATICS: "Cruising Around Costa Rica: an Illustrated Report," Bob Hagen, 12:15 p.m., Tuesday, Oct. 3, Martha Van Rensselaer 114.

NEUROBIOLOGY AND BEHAVIOR: "Acoustic Orientation in Crickets: Cues for Mate Attraction and Predator Avoidance," Gerald Pollack, 12:30 p.m., Thursday, Sept. 28, Langmuir Penthouse.

### Centers and Programs

COMPUTER SERVICES: "Instant Statistical Computing Using APL," C. Diegart, 3:30 p.m., Friday, Sept. 29, Uris Hall G-14.

### Industrial and Labor Relations

HUMAN RESOURCES: "Career Possibilities in Public Manpower Programs," James A. Leitner, assistant director of Employment and Economic Policy Administration, CETA, Boston, 4 p.m., Tuesday, Oct. 3, Ives 215.

### Nutritional Sciences

NUTRITION: "Induction of Calcium-Binding Protein and Metallothionein(s) in Organ-Cultured Intestines," Robert A. Corradino, 4:30 p.m., Monday, Oct. 2, Savage 100.

### Engineering

CHEMICAL ENGINEERING: "Polymer Networks with Multifunctional Junctions," Edward W. Merrill, MIT, 4:15 p.m., Friday, Sept. 29, Olin Hall 145.

MATERIALS SCIENCE AND ENGINEERING: 4:30 p.m., Thursday, Sept. 28, Bard 140.

MECHANICAL AND AEROSPACE ENGINEERING: "Arctic Gas and Soil Perversity: The Problem of Frost Heave," Robert D. Miller, 4:30 p.m., Tuesday, Oct. 3, Grumman 282.

THEORETICAL AND APPLIED MECHANICS: "Thermodynamics of Fracture," Stephen Burns, 4:15 p.m., Wednesday, Oct. 4, Thurston 205.

### Veterinary Medicine

MICROBIOLOGY/PATHOLOGY: "Temperature: A Major Factor in the Regulation of Bovine Herpes Mammalitis Virus Infection," Geoffrey Letchworth, 12:15 p.m., Monday, Oct. 2, Vet Research Tower G-2.

The Fellowship Office has a limited supply of application request forms for the NSF Graduate Fellowship and NSF National Needs Postdoctoral Fellowships. Deadlines are rapidly approaching! GRADUATE SCHOLARSHIP DEADLINES (clip and save)

Information on non-Cornell administered fellowship programs for graduate study has been sent to the field offices. Students interested in obtaining additional information on the 1979-80 awards listed below which are in their field should consult the Fellowship Notebook at their Graduate Faculty Representative's office. Information on awards in other fields may be obtained from the Fellowship Notebook of the appropriate Graduate Faculty Representative, from the Career Center, 14 East Avenue, and from the Fellowship Office, 116 Sage Graduate Center.

Sept. 29: Fulbright-Hays Grants (IIE), last day to request applications (see article elsewhere in the Chronicle).

Oct. 1: Michigan Society of Fellows (postdoctoral).

Oct. 6: Fulbright-Hays Grants (IIE), last day to submit applications.

Oct. 16: Danfort Foundation Fellowships (contact W. Kennedy, 244 Goldwin Smith).

Oct. 16: Fulbright-Hays Doctoral Dissertation Research Abroad Training Grants (to request applications from the Fellowship Office only).

Oct. 20: DAAD Direct Exchange Grant (contact H. Deinert, 181 Goldwin Smith).

Oct. 22: Marshall Scholarships (contact G. Casaday, Career Center).

Oct. 31: Churchill Foundation Fellowships. (contact G. Casaday, Career Center).

Oct. 31: DAAD Short Term Research Awards to Germany.

Nov. 1: Alliance Francaise de New York Scholarship Program.

Nov. 1: American-Scandinavian Foundation Fellowships.

Nov. 1: CIES English Language Teacher Training Assistants (in Italy).

Nov. 1: Luce Scholarships (contact G. Casaday, Career Center).

Nov. 1: Marshall Fellowship to Denmark.

Nov. 1: Noyes Fellowships for Thesis Research (oceanography), for September 1979 appt.

Nov. 1: Sigma Xi Grants-in-Aid of Research (for December 1978).

Nov. 1: Society for the Psychological Study of Social Issues (SPSSI).

Nov. 1: SSRC/ACLS Doctoral Dissertation Research Abroad Grants.

Nov. 1: Woodrow Wilson Doctoral Research Grants for Women.

Nov. 3: NATO Postdoctoral Fellowships (NSF).

Nov. 3: NSF National Needs Postdoctoral Fellowships (see article elsewhere in the Chronicle).

Nov. 3: Whitney Museum/Rubenstein Fellowships.

Nov. 15: American Research Institute in Turkey Research Fellowships.

Nov. 15: Social Sciences and Humanities Research Council/Canada.

Nov. 30: DAAD Traineeships in Germany.

Nov. 30: Mombusho Scholarship to Japan.

Nov. 30: NSF Graduate Fellowships (see article elsewhere in the Chronicle).

Dec. 1: American Society of Civil Engineers (ASCE) Research Fellowships.

Dec. 1: Ammann Research Fellowships in Structural Engineering (ASCE).

Dec. 1: Oak Ridge Associated Universities (for March 1979)

Dec. 1: SSRC/ACLS Postdoctoral Research Abroad Grants.

Dec. 1: U.S. Dept. of Labor Doctoral Dissertation Grants.

# Annuals Can Be Grown Indoors, Floriculturist Says

Flowering annuals have sent out nonstop blooms all summer long, but now face killing frosts. Before this happens, they can be brought indoors for continued enjoyment in winter.

The idea of extending the life of annuals for indoor use is suggested by Ernest F. Schaufler, floriculturist at the State College of Agriculture and Life Sciences.

Schaufler points out that there are two ways to grow annuals indoors. One way is to simply bring container-grown plants indoors; the other is to start annuals from cuttings taken from outdoor-grown plants.

Before bringing the plants indoors, cut the plants back to 4 to 6 inches. Select plants that have leaves remaining on these short stems. Petunias, geraniums, impatiens, lantana, and coleus, among other annuals, should do well indoors.

Feed the plants liberally and place them in a well-lighted location, such as south or west windows. As plants start growing, they may drop their outdoor foliage. New leaves will soon emerge and will adapt to indoor conditions. In six to eight weeks, the plants should bloom again.

Most annual flowers, including zinnias and marigolds, can be started from cuttings, and they should be rooted now—before frost. Availability of light, among other factors, plays a critical role in growing annuals indoors successfully.

Coleus, impatiens, and some of the fibrous begonias will grow and bloom with less light than zinnias, marigolds and other kinds of sun-loving annuals.

"If you have little natural winter light available for indoor plants, stay with coleus and ivies," Schaufler suggests.

Cuttings from all outdoor annuals, except for geraniums are best rooted in vermiculite. Flowers or flower buds, if any, should be pinched off so they will

not drain energy from the cutting. To maintain humidity, cover the pot with a clear plastic bag. Leaves must not touch any part of the bag because, if they do, they will rot quickly. This is true when the cuttings are rooted in a terrarium or in an old aquarium.

The rooting medium should be kept moist, but not soggy. Check the cuttings daily, and any decaying leaves must be removed immediately; otherwise the entire cutting may be lost. During the rooting period of up to 10 days, keep the cutting in a well-lighted location, but out of direct sunlight.

Cuttings from many annuals develop new roots quickly. Within seven to 10 days the roots will grow about one inch long—ready for transplanting to 4- to 6-inch pots. When potted up, the plants should be protected from direct sunlight for the first 2 or 3 days. After that, place them in the brightest spot in the room.

To produce a bushier plant with more flowering branches, pinch off the tip of the stem after the plant is well under way.

Geraniums root easily in moist sand, even if left uncovered, but the rooting period is much longer—up to one month.

"The growing conditions and results are entirely different from what you get outdoors, but a little action now will give you colorful annual flowers in winter," Schaufler says.

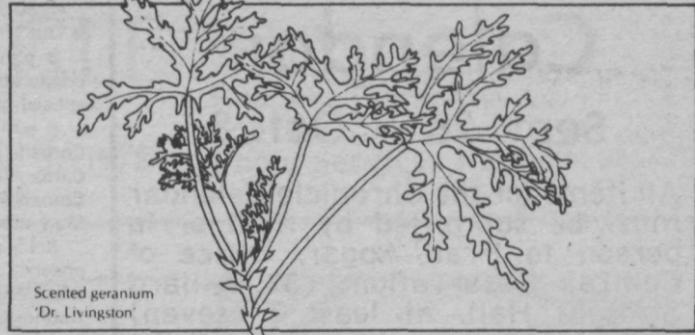
## Ornithology Talk Slated

The orange and black monarch butterfly, common in Central New York in summer, migrates thousands of miles in fall to its over-wintering grounds in Mexico.

Margaret Shepard, a graduate student in ecology and evolutionary biology, will discuss "The Over-Wintering Ecology of



Pasqueflower



Scented geranium 'Dr. Livingston'



Zonal geranium

These are three of 50 detailed drawings in the Plantations guide.

## Plantations Publishes Tour Guide

Four walking tours covering the highlights of the 32 named trails, gardens and plant collections at the Cornell Plantations are outlined in a new 68-page illustrated guide published by Plantations.

The booklet, written to be easily understood by those with a casual interest in plants but also useful to those with interest in specific collections, covers the history, importance and current

use of various collections. It also contains information on the glacial geology and human history of the Plantations.

The four walking tours, each of which forms a loop, cover a total of about two and a half miles.

Loop one takes in the Robison York State Herb Garden; rose, narcissus, vine, ground cover and Bowers Rhododendron Collections, and other points of interest in the vicinity of the Plantations office.

Loop two focuses on the Mundy Wildflower Garden, the Rockwell Field Laboratory and the viburnum collection.

Loop three takes in the shrub garden, magnolia and nut tree collections and trails and experimental plots in the Newman Meadow area.

Loop four includes peony, hedge and vine collections, the architectural sculpture garden

and various trails on the eastern edge of Plantations.

The booklet is available by writing "Self-guided Tour," Cornell Plantations, 100 Judd Falls Road, Ithaca, N.Y. 14853. The price of each mailed copy of the tour guide is \$2.75.

## Student Wins Kodak Grant

William Joseph Tuszynski, a third-year graduate student in the Department of Chemistry, has received an Eastman Kodak Research Fellowship for 1978-79 and the summer of 1979.

Tuszynski, a native of Maspeth, obtained a B.S. in biochemistry from Manhattan College in 1976. He is working with Charles F. Wilcox, professor of chemistry, on the synthesis of highly strained hydrocarbons.

## Calendar

Continued from Page 12

8 p.m. \*Cornell Concert Commission and John Scher in cooperation with WVBR present Robert Klein with special guest The Stanky Brown Band. A benefit for the Jack Kemach Memorial Fund. Bailey Hall.

8 p.m. \*Cornell Cinema presents "Birdman of Alcatraz." Co-sponsored by Cornell Law School. Uris Hall Auditorium.

8:15 p.m. \*Cornell Dance Office presents lecture demonstration by modern dance company Dan Wagoner and Dancers. Barnes Auditorium.

### Friday, October 6

12 noon. Catholic Sacrament of Reconciliation. Anabel Taylor G-24.

12:15 p.m. Catholic Mass. All welcome. Anabel Taylor Auditorium.

12:15 p.m. Women's Studies Friday Seminar: "Women in the Justice System." Margaret Gates, Center for Women Policy Studies, Washington, D.C. I&LR Conference Center 105.

1 p.m. SALAT-AL-JUMA (Friday prayer for Muslims). Anabel Taylor Edwards Room.

3:30 p.m. Society for the Humanities Colloquium: "Poetry and 'The Human Condition': Blake's 'London' in Context." William Vanech, English, Brown University, Visiting Fellow, Society for the Humanities. Andrew D. White House 201.

4-7 p.m. Cocktail Hour featuring "Nothing But Treble," women's choral group. Waiter and Waitress service. Only students accompanied by parents will be admitted. Noyes Center Pub.

6 p.m. Shabbat Services (Conservative). Anabel Taylor Founders Room.

6 p.m. Shabbat Services (Reform). Anabel Taylor Chapel.

7 p.m. Shabbat Services (Orthodox). Young Israel.

7 p.m. Cornell Dungeons and Dragons meeting. Upson 111.

7 p.m. \*Freshmen Parents Weekend Dinner Theatre, featuring a fine buffet prepared by Willard Straight Dining service and Neil Simon's "The Good Doctor" presented by Central Casting, an Ithaca repertory company. Tickets will be available in advance at the Straight ticket office until 4:30 p.m. Friday. Straight Memorial Room.

7:30 p.m. Cornell Christian Fellowship meeting for prayer, singing and teaching. All welcome. Morrill 106.

7:30 p.m. Pentangle II Free Film Series: "A Program of Early Animation by Emile Cohl" (Cohl, 1908-13. France). This program will be introduced by Don Crafton, Yale University, who recently presented this same program at the Museum of Modern Art. Uris Hall Auditorium.

7:30 p.m. \*Cornell Lightweight Football-Navy, Schoellkopf.

8 p.m. Cornell Graduate Christian Forum Fall Lecture: "The

Dilemma of Radical Secularism," Carl F.H. Henry, World Vision International. Ives 215.

8 p.m. \*Cornell Cinema presents "A Fistful of Dollars" and "For a Few Dollars More." Statler Auditorium.

9:30 p.m. \*Cornell Cinema presents The Apple War. Uris Hall Auditorium.

10 p.m.-1 a.m. Noyes Center Program Board presents a coffeehouse with Don Butcher and Gerri Shamey, vocal acoustics group. Noyes Center third floor lounge.

10 p.m. North Campus Union Program Board presents "Mime Over Matter," with Bill Rosenzweig and Lon Hoyt, 1978 winners of Gong Show on national television. North Campus second floor lounge.

11:45 p.m. \*Cornell Cinema presents "Fearless Vampire Killers." Uris Hall Auditorium.

### Saturday, October 7

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

10 a.m. Shabbat Services (Conservative). Anabel Taylor Founders Room.

11 a.m. Cornell Women's Field Hockey-Bucknell. Jessup Field.

11:30 a.m. Cornell JV Cross-Country-Mohawk Valley. Cornell Golf Course.

1:30 p.m. \*Cornell Varsity Football-Bucknell. Schoellkopf.

4:30 p.m. Sacrament of Reconciliation. Anabel Taylor G-24.

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

6 p.m. Cornell Folk Song Club "Sing." Dish to pass meal at 6 p.m., workshop and singing start around 7 p.m. Free and open to entire community. Big Red Barn.

7 p.m. \*Freshmen Parents Weekend Dinner Theatre, featuring a fine buffet prepared by Willard Straight Dining service and Neil Simon's "The Good Doctor" presented by Central Casting, an Ithaca repertory company. Tickets will be available in advance at the Straight desk from 10 a.m.-2 p.m. Straight Memorial Room.

7 & 9:30 p.m. \*Cornell Cinema presents "The Apple War." Uris Hall Auditorium.

7 p.m. Cornell Dungeons and Dragons meeting. Upson 111.

7:30 p.m. \*Cornell Varsity Soccer-Oneonta. Schoellkopf.

8 p.m. Cornell Freshman Parents Weekend. Conference on Counseling Minority Students and Alpha Phi Alpha Fraternity Lecture, Julian Bond, Georgia State Senator. Freshmen and their parents may obtain free admission tickets from any of the registration/information desks. These will be honored until 7:50 p.m. when doors will open for general admission. Bailey Auditorium.

8 p.m. Cornell Graduate Christian Forum Fall Lecture:

"Divine Revelation: What Can Be Said For It?" Carl F.H. Henry. Ives 215.

8 p.m. \*Cornell Cinema presents "A Fistful of Dollars" and "For a Few Dollars More." Statler Auditorium.

8:15 p.m. \*Cornell Dance Office presents a dance concert by Dan Wagoner and dancers. Strand Theatre.

8:15 p.m. "Nothing But Treble," select women's choir. Jeffrey Rehbach, director. Works of Lassus, Victoria, Mendelssohn, Brahms, Thompson, Vaughan Williams. Barnes Auditorium.

10 p.m. Noyes Center Program Board presents "Freshmen Follies," a talent show featuring student performers. Noyes Center Dining.

10 p.m. North Campus Union Board presents "High Society Jazz Band." North Campus first floor lounge.

11:45 p.m. \*Cornell Cinema presents "Fearless Vampire Killers." Uris Hall Auditorium.

### Sunday, October 8

9:30, 11 a.m. & 5 p.m. Catholic Mass. All welcome. Anabel Taylor Auditorium.

9:30 a.m. Episcopal Eucharist Worship Service. Faculty, staff and families welcome. Church school and nursery care. Coffee hour following service in Founders Room. Anabel Taylor Chapel.

10 a.m. Ithaca Society of Friends (Quakers). Discussion and First Day School. Babysitting provided. Anabel Taylor Forum.

10:45 a.m. Lutheran Church Worship Service. Nursery care provided. Coffee hour following service. Church school prior to service at 9:30 a.m. 109 Oak Avenue.

11 a.m. Ithaca Society of Friends (Quakers). Meeting for worship. Anabel Taylor Forum.

11 a.m. Sage Chapel Convocation.

1-2 p.m. Meditation as taught by the Living Master Sant Darshan Singh Ji. Sponsored by Sawan Kirpal Ruhani Mission. Straight Loft II.

7:30-11 p.m. International Folk Dancing. Teaching for intermediates 7:30-8:30 p.m., requests 8:30-11 p.m. All welcome. Straight Memorial Room.

8 p.m. \*Cornell Cinema presents "Romeo and Juliet." Uris Hall Auditorium.

### Exhibits

Olin Library: "The Splendor of Islamic Art," through Oct. 29.

Herbert F. Johnson Museum of Art: "James Abbott McNeill Whistler," through September; "Permanent Collection," through September; "Peter Berg: Installation," through Oct. 15; "Cornell University Department of Art Faculty Exhibition," through Oct. 15; "Architecture + Media: Visual Communication in Environmental Design," through Nov. 5.

# Calendar

Sept. 28 — Oct. 8

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 (seven) days prior to publication of the Chronicle.

\* Admission charged

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

## Thursday, September 28

- 8:30 a.m.-4 p.m. Extramural Late Registration. Day 105.  
11 a.m.-3 p.m. University Unions Experimental College Registration. Straight Memorial Room.  
12 noon. Catholic Sacrament of Reconciliation Anabel Taylor G-24.  
12:15 p.m. Catholic Mass. All welcome. Anabel Taylor Auditorium.  
12:15 p.m. Women's Studies Graduate/Faculty Colloquium Series: "Women in Folk-tales," Alison Lurie, English. Uris Hall 494.  
3:30 p.m. Classics Department Seminar, Jacqueline De  
4 p.m. North Campus Union Marathon Series presents video Run for Life. Martha Van Rensselear 250 Romilly. Andrew D. White House.  
4 p.m. \*Cornell JV Soccer-Cortland. Schoellkopf.  
4 p.m. Cornell Women's Tennis-Syracuse. Helen Newman Courte.  
4 p.m. Natural Resources Seminar: "Effects of Band-tailed Pigeon Behavior on Estimation of Population Parameters," Edward Kautz, Natural Resources. Fernow 304.  
4:30 p.m. University Lecture: "The Dangers of Disguise: Old English Texts in Modern Punctuation," Bruce Mitchell, reader in English Language and Fellow of St. Edmund Hall, Oxford. Goldwin Smith "A."  
4:30 p.m. Astronomy and Space Sciences Colloquium: "Infrared Observations, Southern Hemisphere," Ian S. Glass, South African Astronomical Observatory. Space Science 105.  
4:45 p.m. Campus Council meeting. Clark 701.  
5 p.m. Marathon Series presents Western Yoga, Andrew Larking and Film Run for Life. Martha Van Rensselear 250.  
5-7 p.m. University Unions Experimental College Registration. Straight Memorial Room.  
7-10 p.m. Cornell Ultimate Frisbee Team meeting. All interested please attend.  
7 p.m. The Christian Science Organization welcomes students, staff and campus visitors to the weekly readings and testimonies meeting. Anabel Taylor Founders Room.  
7:30 p.m. Israeli Folk Dancing. Anabel Taylor One World Room.  
7:30 p.m. "Inductive Bible Studies in John's Gospel." Everyone is invited. Noyes Center 304 and Balch Lounge Unit 2.  
7:45 p.m. Monday Night Ornithology Seminar. All welcome. 159 Sapsucker Woods Rd.  
8 p.m. CUSLAR free films: "Yo Soy Chicano" and "Puerto Rico: Paradise Invaded." Co-sponsored by Third World Student Programming Board and L'Asociacion Latina. Uris Hall Auditorium.

## Friday, September 29

- 8:30 a.m.-4 p.m. Extramural Registration ends, no new registrations will be accepted and no courses may be added after this date. Day 105.  
11 a.m.-5 p.m. University Unions Experimental College Registration. Straight International Lounge.  
12 noon. Catholic Sacrament of Reconciliation. Anabel Taylor G-24.  
12:15 p.m. Catholic Mass. All welcome. Anabel Taylor Auditorium.  
12:15 p.m. Alternative Agriculture's Bag Lunch Seminar Series: "The Macroeconomics of Organic Farming," Robert C. Oelhaf, Economics, University of Maryland. Co-sponsored by CRESF and Rural Sociology. Warren 32.  
12:15 p.m. Women's Studies Friday Seminar: "Crimes Against Women in the Family: A Slide Show," Lisa Garrison, former staff member U.N. Commission on Crimes Against Women. I&LR Conference Center 105.  
2:20 p.m. Cornell Linguistics Circle Colloquium: "An Amateur Looks at Lyons," Jonathan Culler. Morrill Lounge.  
1 p.m. SALAT-AL-JUMA (Friday prayer for Muslims). Anabel Taylor Edwds Room.  
3 p.m. Law School Seminar: "The Mental Slide of Crime," Anthony Kenny, Master of Balliol College, Oxford University. Myron Taylor Faculty Lounge.  
4:30 p.m. Cornell JV Cross Country-Syracuse. Cornell Golf Course.  
4:30 p.m. Astronomy and Space Sciences Colloquium: "Interstellar Tsunamis and Emission Nebulae," Theodore R. Gull, Goddard. Space Sciences 105.  
5:15 p.m. Cornell Cross Country-Syracuse. Cornell Golf Course.  
6:30 p.m. Shabbat Services (Conservative). Anabel Taylor Founders Room.  
6:30 p.m. Shabbat Services (Reform). Anabel Taylor Chapel.  
7 & 9:30 p.m. \*Cornell Cinema presents "Butch Cassidy and the Sundance Kid." Statler Auditorium.  
7 p.m. Cornell Dungeons and Dragons meeting. Upson 111.  
7:30 p.m. Twig Bible Fellowship sponsored by The Way Ministry. Balch Unit 2 study lounge.  
7:30 p.m. Shabbat Services (Orthodox). Young Israel.  
7:30 p.m. Meeting of Cornell Christian Fellowship for prayer.

singing and teaching. All welcome. Morrill 106.

- 7:30 p.m. \*Cornell Freshman Football-Cortland. Schoellkopf.  
7:30 p.m. Pentangle II Free Film Series presents "The Word is Out" (Mariposa Group, 1978, U.S.). Uris Hall Auditorium.  
8 p.m. \*Cornell Concert Commission and John Scher in cooperation with WVBR presents The Doobie Brothers with special guest Bill Champlan. Barton Hall.  
8 p.m. "Close Enough for Folk," an Intimate Festival at Cornell. Concert with Sandy and Caroline Payton, Barbara Carns, Kenny Hall's Long Haul String Band. Sponsored by Cornell Folk Song Club and Willard Straight Board. Straight Memorial Room.  
8:15 p.m. Department of Music presents Regional Composers Concert: Syracuse Society for New Music. Works of Earl George, Ann Silsbee, Nicholas D'Angelo, Jay Reise. Barnes Auditorium.  
10 p.m. \*Cornell Cinema presents "Jonah Who Will be 25 in the Year 2000." Uris Hall Auditorium.  
11:30 p.m. \*Cornell Cinema presents "Sleeper." Statler Auditorium.

## Saturday, September 30

- 9:30 a.m. Shabbat Services (Orthodox). Anabel Taylor Edwards Room.  
10 a.m. Shabbat Services (Conservative). Anabel Taylor Founders Room.  
10 a.m.-5 p.m. Cornell Folk Song Club workshops, will include a country dance and a square dance. Straight Memorial Room.  
10 a.m. Cornell Invitational Golf. Cornell Golf Course.  
10 a.m. Cornell Women's Field Hockey-Pennsylvania. Jessup Field.  
2 p.m. \*Cornell JV Soccer-Army. Schoellkopf.  
4:30 p.m. Catholic Sacrament of Reconciliation. Anabel Taylor G-24.  
5:15 p.m. Catholic Mass. All welcome. Anabel Taylor Chapel.  
7:30 p.m. \*Cornell Varsity Soccer-Binghamton. Schoellkopf.  
7 & 9:30 p.m. \*Cornell Cinema presents "Butch Cassidy and the Sundance Kid." Statler Auditorium.  
7 & 9:30 p.m. \*Cornell Cinema presents "Jonah Who Will Be 25 in the Year 2000." Uris Hall Auditorium.  
8 p.m. "Close Enough for Folk," an Intimate Festival at Cornell. Concert with Helen Schneyer, Reed Martin and David McKelway, Cilla Fisher and Artie Tresize. Straight Memorial Room.  
11:30 p.m. \*Cornell Cinema presents "Sleeper." Statler Auditorium.

## Sunday, October 1

- 9:30, 11 a.m. & 5 p.m. Catholic Mass. All welcome. Anabel Taylor Auditorium.  
9:30 a.m. Episcopal Eucharist Worship Service. Faculty, staff and families welcome. Church school and nursery care. Coffee hour following service in Founders Room. Anabel Taylor Chapel.  
10 a.m. Ithaca Society of Friends (Quakers). Discussion and First Day School. Babysitting provided. Anabel Taylor Forum.  
10:45 a.m. Lutheran Church Worship Service. Nursery care provided. Coffee hour following service. Church school prior to service at 9:30 a.m. 109 Oak Avenue.  
11 a.m. Ithaca Society of Friends (Quakers). Meeting for worship. Anabel Taylor Forum.  
11 a.m. Sage Chapel Convocation: Ralph W. Loew, Lutheran clergyman, director, Department of Religion, Chautauqua Institution, Chautauqua, New York.  
1-2 p.m. Meditation as taught by the Living Master Sant Darshan Singh Ji. Sponsored by Sawan Kirpal Ruhani Mission. Straight Loft II.  
4-6 p.m. Agriculture Circle Annual Reception to honor newly appointed Dean David Call and Mrs. Call, emeritus and retired professors and spouses. "Fossils from the Cayuga Basin" from the collection of Mrs. Walter H. Hodge will be on display. Morrison 348.  
4 p.m. Department of Music presents Madison String Quartet. Barnes Auditorium.  
5 p.m. Erev Rosh Hashanah Dinner. Anabel Taylor One World Room.  
6:15 p.m. Rosh Hashanah Services (Orthodox). Anabel Taylor Edwards Room.  
6:45 p.m. Rosh Hashanah Services (Conservative). Statler Auditorium.  
7 p.m. Rosh Hashanah Service (Reform). Anabel Taylor Auditorium.  
7:30-11 p.m. International Folk Dancing. Teaching for intermediates 7:30-8:30 p.m.; requests 8:30-11 p.m. All welcome. Straight North Room.  
8 p.m. \*Cornell Cinema presents "A Midsummer Nights Dream." Uris Hall Auditorium.

## Monday, October 2

- 8:30 a.m. Rosh Hashanah (Orthodox). Anabel Taylor Edwards Room.  
9 a.m. Rosh Hashanah Services (Conservative). Statler Auditorium.  
9 a.m.-3:30 p.m. ROTC Tri-Service Brigade Blood Drive. Barton.  
10 a.m. Rosh Hashanah Services (Reform). Anabel Taylor Auditorium.  
12 noon. Catholic Sacrament of Reconciliation. Anabel Taylor G-24.  
12:15 p.m. Catholic Mass. All welcome. Anabel Taylor Auditorium.  
12:20 p.m. Agricultural Engineering Seminar: "The Great Transition," Donald R. Price, Energy Research and Extension Intercollege Programs' Cornell. Riley-Robb 400.  
4:30 p.m. University Lecture in cooperation with Africana Studies and Research Center and the Department of Russian Literature: "The African Presence in the Life and Writings of Alexander Pushkin: Voices From Within the Veil - Part I" John Oliver Killens, Writer-in Residence at Harvard University. Uris Hall 202.  
5 p.m. Tashlich. Hillel Office. Anabel Taylor G-34.  
6:15 p.m. Rosh Hashanah Services Orthodox. Anabel Taylor Edwards Room.  
6:30 p.m. Rosh Hashanah Services (Conservative). Statler Auditorium.  
7:30 p.m. Twig Bible Fellowship sponsored by The Way Ministry. Balch Unit 2 study lounge.  
7:30 p.m. America and World Community: "Spirituality, Femininity, and World Community," Alice Pempel, Women's Studies Program. Anabel Taylor One World Room.

7:30 p.m. "English as a Second Language" for married students. Call Judith Ashcraft at 256-6671 for information.

7:45 p.m. Monday Night Ornithology Seminar. All welcome. 159 Sapsucker Woods Road. Hasbrouck Apartments Brown Center.

8 p.m. Federation of Alumni from Taiwan present "Youth Goodwill Mission of the Republic of China," a Chinese Cultural Variety Show. Co-sponsored by International Activities Group. Veterinary Medicine James Law Auditorium.

8-11 p.m. Contra dance with live music. All dances taught. Beginners welcome. Sponsored by Cornell Country Dance Club. Straight Memorial Room.

9 p.m. \*Cornell Cinema presents "Grand Illusion." Film Club members only. Uris Hall Auditorium.

## Tuesday, October 3

- 8:30 a.m. Rosh Hashanah Services (Orthodox). Anabel Taylor Edwards Room.  
9 a.m. Rosh Hashanah Services (Conservative). Statler Auditorium.  
9 a.m.-3:30 p.m. ROTC Tri-Service Brigade Blood Drive. Barton.  
12 noon. Catholic Sacrament of Reconciliation. Anabel Taylor G-24.  
12:15 p.m. Catholic Mass. All welcome. Anabel Taylor Auditorium.  
12:20 p.m. Cornell Women's Caucus. All welcome. Ives 118  
4 p.m. Human Resources Consortium Seminar: "Career Possibilities in Public Manpower Programs," James A. Leitner, assistant administrator of the CETA prime sponsor for the city of Boston. Ives 215.  
4:15 p.m. Public lecture: "The Conqueror and the Captive Queen (Cyrus, Alexander, Scipio)," Jacqueline de Romilly, College de France, Paris, and A.D. White Professor-at-Large. Goldwin Smith A.  
4:15 p.m. Food Science Seminar: "The Rheology of Liquid Foods - Practical Considerations for the Food Scientist," Anandha Rao, Food Science and Technology, Geneva. Stocking 204.  
7-10 p.m. Cornell Ultimate Frisbee Team meeting. All interested please attend. Barton.  
7:30 p.m. Folk dancing for couples. Singles, beginners, all ages welcome. Martha Van Rensselear Auditorium.  
8 p.m. Cornell Cuban Student Club presents Antonio Rivera, Seville Book Award winner to speak on Cuban Youth (1978) in Cuba. Uris Hall G-92.  
8 p.m. \*Cornell Cinema presents "Los Olvidados" (The Young and The Damned). Bunuel Series. Uris Hall Auditorium.

## Wednesday, October 4

- 12 noon. Catholic Sacrament of Reconciliation. Anabel Taylor G-24.  
12:15 p.m. Catholic Mass. All welcome. Anabel Taylor Auditorium.  
12:30 p.m. Eucharist Service. Anabel Taylor G-15.  
4 p.m. Cornell Women's Field Hockey-William Smith College. Jessup Field.  
4:30 p.m. Biophysics Seminar: "Differentiation and Development in the Eue of Limulus," Robert Barlow, Institute for Sensory Research, Syracuse University. Clark 700.  
5 p.m. Wilderness Reflections committee meeting. Straight Loft 3.  
7 p.m. Beginning Hebrew. Anabel Taylor 314.  
7 p.m. Ithaca Friends (Quakers) midweek meeting for worship. Everyone welcome. Those interested in finding out what Friends' meetings are all about are especially invited. Anabel T  
4:30 p.m. Mini/Micro Series: A Minicomputer System for Photon-Counting Laser Spectroscopy, G.J. Perreault, Physics. Uris G-14.  
7:30-11 p.m. International Folk Dancing. Teaching for beginners 7:30-9 p.m.; requests from 9-11 p.m. All welcome. Straight Memorial Room.  
7:30 p.m. Twig Bible Fellowship sponsored by The Way Ministry. Balch Unit 2 study lounge.  
7:30 p.m. America and World Community: "The World's Arm Race," Milton Leitenberg, research associate, Peace Studies. Anabel Taylor One World Room.  
8 p.m. Come find out about the Religious Society of Friends. Explore with us in weekly discussions. More experienced Friends will facilitate. Everybody welcome to come join in. Anabel Taylor Forum.  
8 p.m. \*Cornell Cinema presents "Follow the Fleet." Astaire/Rogers Series. Uris Hall Auditorium.

## Thursday, October 5

- 9-10:30 a.m. The Division of Campus Life Professional Development Seminar for all University Student Services Staff: "The Question of Suicide," Ann Shumate, Dean of Students Office, and William White, University Health Services. Straight Elmhirst Room.  
9:30-11:30 a.m. Play group available for married students' children under three years of age. Call Margaret Weiss for more information at 257-6867. Hasbrouck Apartments Brown Center.  
12 noon. Catholic Sacrament of Reconciliation. Anabel Taylor G-24.  
12:15 p.m. Catholic Mass. All welcome. Anabel Taylor Auditorium.  
12:15 p.m. Women's Studies Graduate/Faculty Colloquium: "Political Theory and the Question of Equality for Women," Werner Dannhauser, Government. Uris Hall 494.  
3:30 p.m. Classics Department Seminar, Jacqueline De Romilly, Andrew D. White House.  
4:30 p.m. Astronomy and Space Sciences Colloquium: "Grain Emissivity Measurements and Related Astrophysical Problems," Raymond Russell, Cornell. Space Sciences 105.  
4:30 p.m. University Lecture: "Philosophy and Conflicts of Value," Bernard Williams, Knightbridge Professor of Philosophy, University of Cambridge and Fellow of King's College. Goldwin Smith "A."  
6 p.m. Cornell Women's Volleyball-Cortland and Binghamton. Helen Newman.  
7-10 p.m. Cornell Ultimate Frisbee Team meeting. All interested, please attend. Barton.  
7 p.m. The Christian Science Organization welcomes students, staff and campus visitors to the weekly readings and testimonies meeting. Anabel Taylor Founders Room.  
7:30 p.m. Israeli Folkdancing. Anabel Taylor One World Room.

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