

# Cornell Chronicle

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October 23, 1980

## Campaign Exceeds \$230 Million Goal Goes Over Top 2 1/2 Months Ahead of Schedule

The university has exceeded its Cornell Campaign goal of \$230 million two and one-half months ahead of schedule.

Announcement that the Cornell Campaign total had reached \$231.2 million came last Friday morning at the annual joint meeting of the Cornell Board of Trustees and the

Cornell University Council in Statler Hall.

The campaign began in 1975 and is scheduled to continue until Dec. 31, 1980.

In making the announcement, Jansen Noyes Jr., campaign chairman and chairman of the Cornell board, praised the efforts of all Cornellians who worked on the cam-

aign, especially university president Frank Rhodes and president emeritus Dale R. Corson.

The campaign started in 1975 while Corson was president. Rhodes became president in 1977, "at a time when we were ready to move into high gear," Noyes said.

"With Frank Rhodes as president and Dale Corson as chancellor, we

really started to make up for a slow beginning," Noyes said.

As of Dec. 31, 1977, the Cornell Campaign stood at \$82.4 million. Close to \$149 million was raised in the next 33 1/2 months.

Austin H. Kiplinger, chairman of the board's development advisory committee, urged campaign efforts to continue because he expects

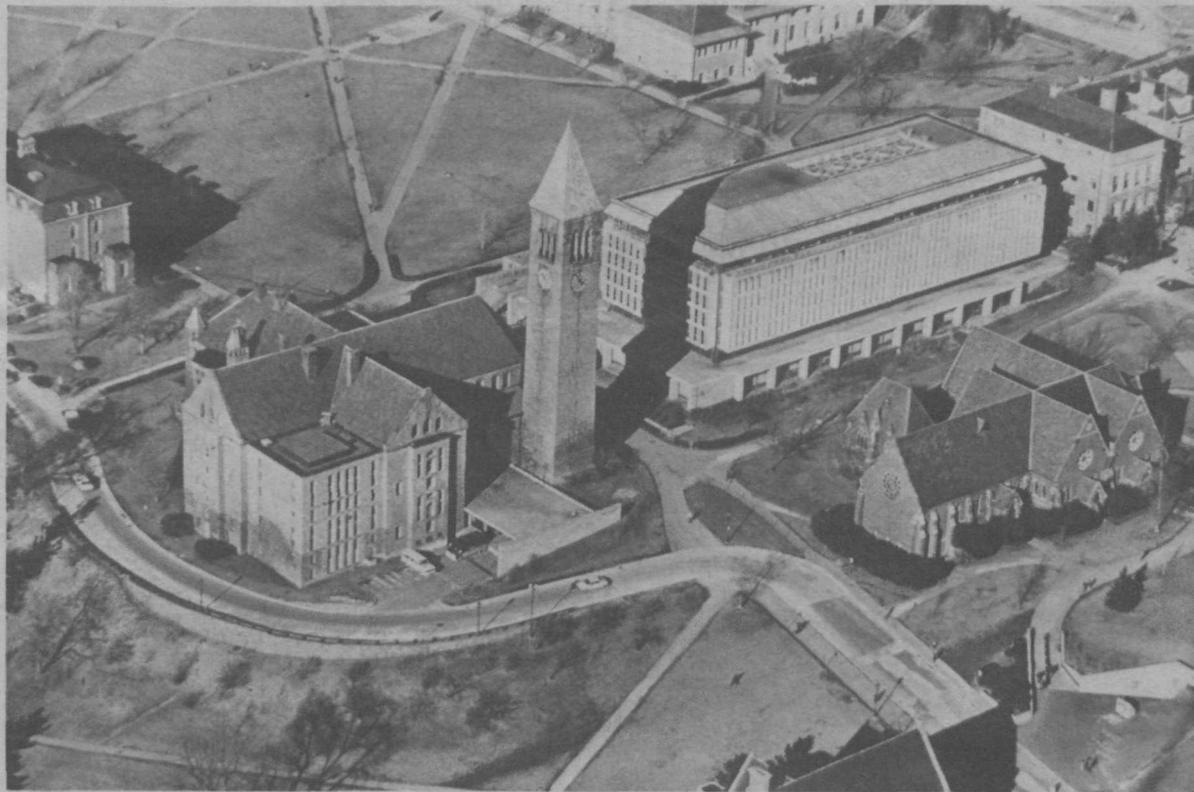
"momentum will carry us to even greater heights by year-end," the official conclusion of the campaign.

More than 100 individual major solicitations are reported to be still going on.

Kiplinger noted that for all the happiness attached to exceeding the

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## Library Addition to Go Underground Will Result in More Pedestrian Space



Central Avenue, which once passed Uris Library on the east and now curves to the west, will end in a cul-de-sac at the north side of the structure. Plans call for a \$3 million reading room to be constructed below ground level with windows providing a view of the west campus and the Cayuga Lake valley.

Rarely does a major construction project result in more walking (and sitting and relaxing) space for pedestrians. That is exactly what will occur when Cornell University builds a \$3 million addition to Uris Library in an unusual but logical place — underground — and takes the first step in a long-range plan to return a portion of the campus to foot traffic.

Since June 1980, when Harold D. Uris announced the \$3 million gift for an addition to the 89-year-old library that bears his family name, university planners have faced the challenge of altering Cornell's best-known landmark without destroying its distinctive profile.

Plans now call for the 11,000-square-foot addition to be built underground, beneath what is now a section of Central Avenue. The subterranean reading room will be anything but dungeon-like; an expanse of window located approximately where there is now a retaining wall for Central Avenue will give library users one of the most dramatic vistas available from the hilltop campus.

With completion of the library addition project, traffic patterns will be changed on Central Avenue, which is currently a winding one-way street from Campus Road on the south to University Avenue at the north. Central Avenue will be-

come a two-way street from University Avenue, ending in a cul-de-sac at a relocated service entrance on the northwest side of Uris Library.

The curve in Central Avenue that now loops around Uris Library will be eliminated and the area over the new reading room will become lawn and garden. The roof of Uris Library's present loading dock, which was added during construction of Olin Library, will be turned into an outdoor observation deck.

### Parking to be Relocated

Car parking will be relocated somewhat away from the west side of Morrill Hall, in recognition of the building's historic value. A walkway will be added along the west side of the reconstructed North Central Avenue. Terraced overlook areas along the walkway will provide ideal locations for outdoor classes during good weather.

Central Avenue has been scheduled for a substantial amount of work under the university's critical maintenance program, according to Lewis Roscoe, head of the Cornell Department of Design and Project Management. Deteriorated paving and broken curbing are found along much of the road. But additional problems of pedestrian safety as well as landscape maintenance and design have led university planners

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## Rhodes on State of the University Addresses Joint Council-Trustee Meeting

Delivering his annual State of the University address to members of the Board of Trustees and Cornell University Council last Friday, President Frank Rhodes expressed deepest gratitude and thanks to both groups for their outstanding efforts in enabling Cornell to reach and pass the \$230 million Campaign goal. He also thanked them for their dedication and service to the university, highlighted the university's achievements during the past year, and outlined his goals and concerns for the future.

Rhodes placed particular emphasis this year on Cornell's role as a major research university.

The substance of his speech, as prepared for presentation, follows: "Conventional wisdom has it that I should be welcoming you to the decade of gloom and doom. You have all, no doubt, read the dismal projections for higher education in the decade ahead—the declining enrollments, the continuing impact of inflation, the increasingly onerous burden of regulation, and the disintegration of moral standards

brought to the fore most recently by the scandal in intercollegiate athletics.

"Nor is the gloom and doom confined to academe. The Global 2000 Report issued by the Carter Administration this summer forecasts that, 'If present trends continue, the world in 2000 will be more crowded, more polluted, less stable ecologically, and more vulnerable to disruption than the world we live in now.'

"Such pessimism has provided grist for the joke mill. As one wit

put it, experts have made two projections for life 50 years from now—one optimistic, one pessimistic. The optimistic view is that in 50 years we will all be forced to subsist on crabgrass. The pessimistic projection? There may not be enough crabgrass to go around.

"Pulitzer-prize-winning historian Barbara Tuchman has pointed out (Los Angeles Times, April 27, 1980), 'Ours is not a time of self-esteem or self-confidence.... Our self-image looks more like Woody Allen or a

character from Samuel Beckett. Amid a mass of worldwide troubles and a poor record for the 20th Century we see our species—with cause—as functioning very badly, as blunderers when not knaves, as violent, ignoble, corrupt, inept, incapable of mastering the forces that threaten us, weakly subject to our worst instincts: in short decadent.'

"Cornell, to be sure, has not been insulated from the general malaise that has afflicted the larger society. Yet we face the challenges of the

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# University Assembly Proposal Accepted

## Associated Constituent Assemblies Approved

Faculty, staff and students have voted in favor of replacing Cornell's present form of campus governance with a University Assembly and associated student and employee assemblies.

The announcement was made by President Frank Rhodes at an open meeting of the Board of Trustees here last weekend.

Rhodes also told board members

that he would now proceed to initiate a process for the establishment of ad hoc committees to draft charters for the student and employee assemblies. In the case of the employee assembly, he said that special care must be exercised to stay within the constraints of the National Labor Relations Act.

It is anticipated that these committees will submit their recom-

mendations to Rhodes who will then be in a position to recommend an appropriate new system of campus governance to the Board of Trustees.

Two questions concerning campus governance were included on the student and employee ballots, one on faculty ballots. The first question asked if major changes in the present system of governance

were desired. The second question asked if major changes were made, would students and employees want their own separate assemblies.

Of 19.9 percent of undergraduates voting, 90 percent voted "yes" on question number one. Of 12.3 percent of graduates voting, 79.1 percent voted "yes." Of 20 percent of non-exempt employees voting, 72.3 percent voted "yes." 32.9

percent of exempt employees voted, of those voting 64.6 percent voted "yes." Of the 35.7 percent faculty voting, 51.6 percent voted "yes."

On Question 2, 90 percent of undergraduates, 80.6 percent of graduates, 86.8 percent of non-exempt employees and 71.4 percent of exempt employees voted "yes."

(Question 2 was not included on the faculty ballots as the faculty already has its own constituent assembly in the form of the Faculty Council of Representatives.)

The charter which established the Campus Council included a provision for a full review and evaluation of the council and its committees to be held during its third year. The review was conducted last year by a committee composed of 15 members of the Cornell community. A final report from the committee was sent to Rhodes in April. In its report the committee recommended that a referendum be held so that members of the various constituencies could express their preferences on three forms of campus governance.

## Walter Lynn Elected Faculty Trustee

Walter R. Lynn, a member of the faculty since 1961, has been elected to the University Board of Trustees for a term ending June 30, 1985, effective immediately.

He will be completing the unexpired five-year term of the late William T. Keeton, the Liberty Hyde Bailey Professor of Biology, who died Aug. 17.

Lynn, professor of environmental engineering and director of the Program on Science, Technology and Society, is one of four members of

the University Board of Trustees elected by the Ithaca faculty. Lynn's election was confirmed by the Board of Trustees which met on campus last weekend.

His field of teaching and research is in environmental systems engineering, water resources and public health. He has been director of the School of Civil and Environmental Engineering; member-at-large of the Faculty Council of Representatives (FCR); chairman of the FCR Executive Committee; member,

BPA Dean Search Committee; member, Nominations and Elections Committee; FCR Budget Committee; University Priorities Committee; Steering Committee, STS.

At present he is chairman, College of Engineering Policy Committee; chairman, Committee on Academic Programs and Policies; member, Campus Council Review Committee; Cornell Research Foundation; member, National Academy of Sciences/National

Academy of Engineering Committee on Water Supply Reviews; Consultant to Cornell on Renovation of the Fall Creek Hydroelectric Facility; associate editor, Journal of Environmental Economics and Management.

Lynn holds a B.S. in civil engineering from the University of Miami, an M.S. in sanitary engineering from the University of North Carolina School of Public Health, and a Ph.D. from Northwestern University.

## Summary of Trustees' Actions

The following summary journal for the meetings of the Board of Trustees and the Executive Committee held Oct. 16, 17 and 18, 1980, in Ithaca does not include confidential items which came before the meeting or items on which separate articles are carried in this issue of Chronicle.

1. Minutes of the meeting of the Board of Trustees held May 26, 1980, were approved. Minutes of the Executive Committee for meetings held April 29, May 25, June 9 and July 8, 1980, were confirmed and ratified.

2. Trustee William A. Levin was elected to membership on the Advisory Council of the College of Veterinary Medicine for a term expiring June 30, 1981.

3. Dean of Admissions and Financial Aid, James J. Scannell reported on admissions and financial aid.

4. The administration was authorized to lease an IBM 4341 computer and associated software to be installed in Langmuir Laboratory to provide capacity for the development of a new student information system and capacity to convert programs currently running under an obsolete software system on the IBM 370/168 required for academic programs. The cost of the lease is to be paid from the operating budget.

5. Senior Vice President William G. Herbster reported on the highlights of the 1979-80 financial operations for the Medical College and the Endowed and Statutory Colleges at Ithaca.

6. Joseph P. King was elected Trustee

Emeritus, effective Oct. 17, 1980.

7. The administration was authorized to accept an expendable grant of \$1 million from the William Randolph Hearst Foundation for the establishment of the William Randolph Hearst Microbiology Center at the Medical College.

8. The trustees approved an amendment to Section IV of the Cornell University Medical College retirement plan for faculty and exempt employees to conform the language to other plan documents.

9. The dates of Oct. 11-12 were set for the 1985 joint meeting of the full Board of Trustees with the Cornell University Council.

10. Reports of Trustee Committees were received as follows:

A report on the university's audited financial statement for 1979-80 by Trustee Audit Committee Chairman Poe Fratt.

A report from the Committee on Land Grant and Statutory College Affairs by Trustee Committee Chairman Ezra Cornell.

A report from the Board of Overseers for the Medical College and Graduate School of Medical Sciences by Trustee Stephen Weiss.

A report of the Buildings and Properties Committee by Trustee Committee

Chairman Earl Flansburgh.

11. Reports to the trustees by administrative officers included the following:

A report on the highlights of the 1979-80 financial operations for the Medical College and the Endowed and Statutory Colleges at Ithaca by Senior Vice President William G. Herbster.

A report on college advisory councils by Provost W. Keith Kennedy.

A report on the status of sponsored research at Cornell by Vice President for Research W. Donald Cooke.

A report on enrollment by Vice Provost Larry I. Palmer.

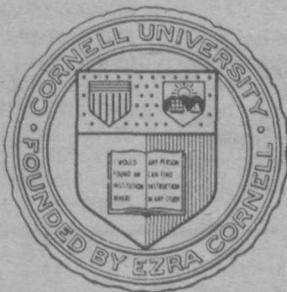
A report of investment activity in 1979-80 by Vice President and Chief Investment Officer Robert T. Horn.

A report of deaths, resignations and appointments by Vice President for Research W. Donald Cooke.

A report on physical education and athletics by President Frank Rhodes and Director of Physical Education and Athletics Richard Schultz.

A report of gifts received in 1979-80 by Vice President for Public Affairs Richard M. Ramin.

The annual report of review of trusteeship of Morgan Guarantee Trust for the university's defined benefit pension plans by Vice President and Treasurer Robert T. Horn.



## Cornell Chronicle

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## Jobs

The following job openings are new this week. For information on vacant positions listed in previous issues of the Chronicle, contact Personnel Staffing Services, 440 Day Hall. Cornell is an affirmative action employer.

**Administrative/Professional**  
Dining Supervisor, CP3 (Dining Services) (2)

Applications Programmer II, CP4 (Computer Services)

Visual Specialist I, CP2 (Media Services)

**Clerical**  
Secretary, GR18 (Agronomy)  
Accounts Assistant, GR18 (Nuclear Studies)

Library Aide, GR18 (Univ. Lib., Acquisitions/Olin)

Library Aide, GR18 (Univ. Lib., Catalog/Olin)  
Office Asst., GR17 (Travel Office)  
Secretary, GR16 (H.D. & F.S.)  
Building Guard, GR20 (Johnson Museum)

Food Service Worker, GR16 (Statler Inn)

Lab Attendant, GR16 (Vet. Microbiology)

Janitor, GR16 (Custodial, Geneva)

**Technical**  
Technician, GR21 (Plant Breeding & Biometry)

Technician, GR20 (Poultry & Avian Sciences)

Technician, GR19 (Diagnostic Lab.)  
Technician, GR19 (Biochem., Molec. & Cell Biology)

Technician, GR18 (Biochemistry)  
Technical Assistant, GR16 (Genetics & Development)

Part Time and/or Temporary  
Staff Writer I, CP2 (Media Services)  
Accounts Assistant, GR19 (Biochem., Molec. & Cell Biology)

Secretary, GR16 (Education)  
Library Aide, GR15 (Univ. Lib./SEAP/Echols Collection)

Library Aide, GR15 (Univ. Lib., Acquisitions/Olin)

Technician I, GR18 (Plant Pathology, Geneva)

Temp. Service Accounts Assistant, T-2 (H.D. & F.S.)

Temp. Service Secretary, T-1 (South-east Asia Program)

**Academic**  
Asst. Prof. (Resource Policy & Planning) (12 mo. tenure track) Natural Resources

Extension Assoc. IV, CA6 (Local Gov. Prog., ILR Extension)

# Crisis Counseling: United Way Agency

## State Funds Match Local Contributions

At three o'clock in the morning, when the problems of school or work or money or personal relationships become overwhelming, there seems to be no one in the world to talk to. There is someone, though — 24 hours a day, seven days a week — at the other end of the line at the Tompkins County Suicide Prevention and Crisis Service, one of the 22 volunteer community service agencies to receive funding from the 1980 United Way Campaign.

The fund-raising goal of this year's campaign is \$814,454, including \$240,000 from the Cornell community. So far, the campaign has raised \$532,645 in gifts and pledges, according to Dick Schultz, campaign chairman. Approximately \$180,010 has been raised from Cornell donors.

Callers to the free, confidential crisis service (272-1616) talk to trained volunteer counselors, according to Nina Miller, director of the 11-year-old program.

"We try to help the individual work out the best way to handle his or her problem, always in terms of the point of reference of the caller," Miller explains. "We don't say, 'I think what you should do is...' We work to hear what the person is feeling. We try to find the way they usually handle difficulties, the kinds of resources they ordinarily feel comfortable with, and see if we can work on the problem that way — in terms of their world."

The telephone counselors may suggest that the caller contact one of the more than 130 human service agencies in the community for further assistance. About 25 percent

of the calls involve what Miller terms "highly lethal" situations in which the person appears to be seriously considering taking his or her life. But most of the more than 4,000 calls a year come from persons who have had only fleeting thoughts of suicide — or none at all — and simply want to talk about their problems.

Using the same telephone number, the crisis line also functions as a contact and assessment point for services to battered women and rape victims. Carefully-screened volunteers undergo an intensive, 10-session training process, then serve 10 hours as apprentices under the tutelage of an experienced counselor before taking their turn at the crisis line.

Callers range in age from 10 to 80, director Miller notes. "Many of our

callers are between 20 and 30, which is understandable. That's the so-called decade of decision. That's when all the life-shaping decisions get made."

The service is involved in community education efforts, teaching listening skills and talking to people about early recognition of suicidal clues. An adolescent outreach program brings week-long study units into local schools, according to the director.

"It's our attempt to reach out and confront the incredible increase in suicide among youngsters," Miller says. "We teach them how to recognize when friends are in more trouble than they can handle and what kinds of resources are available in the school and community to help them through their problems. The idea is

to get the young people to be more effective with each other."

Persons interested in volunteering as crisis service counselors may call 272-1505 for an application and an interview. The minimum age for counselors is 21, and the service asks that volunteers be available for at least a year after their training.

In addition to aid from the United Way, the Suicide Prevention and Crisis Service receives funds from Cornell University, the Service League of Tompkins County, and is a contract agency of the New York State Department of Mental Hygiene.

"The Department of Mental Hygiene provides half our budget if we raise the other half locally," Miller says. "That means that every United Way dollar we get is worth two."

## Franklin Hall Renamed for Prominent Architect



Franklin Hall has been renamed Tjaden Hall in honor of a prominent Cornell woman architecture graduate.

Franklin Hall, on the northwest corner of the Arts Quadrangle, has been renamed Tjaden (char-DEN) Hall in honor of Olive Tjaden VanSickle, the most prominent woman architect in New York and the Northeast for more than two decades.

In taking the action at its meeting here last weekend, the Board of Trustees stated that the building is being renamed "to honor Olive Tjaden VanSickle, distinguished alumna of the College of Architecture, Art and Planning, in recognition of her distinguished career." Mrs. VanSickle graduated from Cornell in 1925.

In addition to renaming the building Tjaden Hall, the board approved renovation of the 100-year-old, three-story structure, and designation of one of its rooms as the Olive F. Tjaden Memorial Room.

The building, which now houses the college's Department of Art, was originally the home of the Department of Electrical Engineering. It was first named for Benjamin Franklin, considered the "father" of electrical engineering. It has been part of the College of Architecture, Art and Planning for some 30 years.

"Mrs. VanSickle has achieved prominence in architecture that few

have attained and that until recently was inconceivable for a woman," said K.C. Parsons, former dean of the college.

She began her career with a Long Island architect and later opened her own firm. She designed more than 2,000 buildings during 20 years of practice in New York. In 1945 she moved to Florida and participated in the extensive development there. Now retired, she lives in Fort Lauderdale, Fla.

Mrs. VanSickle's work includes a number of large estates on Long Island and in upstate New York, churches and commercial buildings.

In Florida, she continued her work as an architect of residential garden apartments.

At one time in her career, Mrs. VanSickle was the only woman member of the American Institute of Architects. Among her other professional activities, she was an inspector for the Federal Housing Administration and program director for the Museum of Fine Arts in Fort Lauderdale.

Earlier this year she accepted the position of vice president of the College of Architecture, Art and Planning's alumni association.

## Freeman Dyson to Present Bethe Lecture Series

"The Implications of Science" will be the theme when Freeman Dyson, the theoretical physicist whose popular writings have captivated the attention of a large lay audience, delivers the 1980 Bethe Lectures at Cornell during the first two weeks of November.

In the first lecture of the series, scheduled for 8 p.m. Tuesday, Nov. 4, in Bailey Hall, the professor of theoretical physics from Princeton's Institute for Advanced Study will discuss the dilemmas faced by society in an era of unrelenting technological revolution in a lecture entitled "The Implications of Science for Technology: Quick is Beautiful."

The lectures are open to the general public at no charge.

Dyson's wide-ranging contributions to physics and astronomy have made his name a household word among scientists, but until recently, even his close colleagues had not discerned that he was an exceptionally talented and sensitive writer. That dimension became apparent in 1979 when *The New Yorker* magazine published three autobiographical essays by Dyson. Expanded into a book, "Disturbing the Universe," the writings reveal a man remarkably candid about himself, and whose insightful portraits of brilliant colleagues — especially Robert Oppenheimer — often exploit a lively knowledge of contemporary poetry.

The *New Yorker* articles also showed that Dyson's interaction

with Hans Bethe at Cornell the late 1940s was a significant turning point in his life. In later years Dyson was to teach at Cornell (1951-53) and to collaborate with a number of Cornellians.

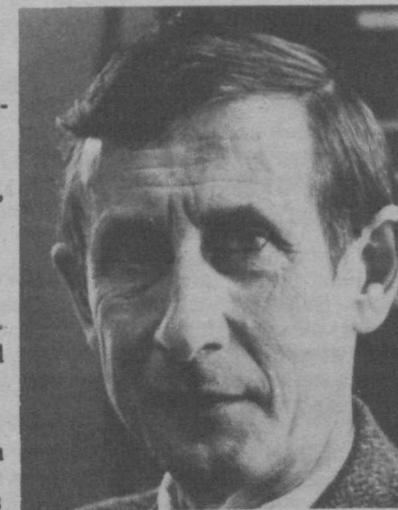
As his readers would expect, Dyson's lectures will reflect his broad range of concerns and interests. Continuing with the theme of the 1980 series, the second lecture will be "The Implications of Science for Weaponry: The Quest for Concept" and is scheduled for 4:30 p.m. Thursday, Nov. 6 in Rockefeller A.

"The Implications of Science for Philosophy: Manchester and Athens" will be devoted to the evolution of a basic scientific concept from antiquity to the twentieth century. The lecture will be given at

4:30 p.m. Monday, Nov. 10 in Rockefeller A.

Dyson will also speak twice on subjects of a more technical character. At 4:30 p.m. Wednesday, Nov. 12 in Rockefeller A, he will lecture on "The Implications of Science for Eschatology: Life in the Universe," and at 4:30 p.m. Friday, Nov. 14 in Clark 700 he will close the series with "The Implications of Science for the Environment: CO-2 in the Atmosphere."

The Bethe Lectures are an annual event. Supported by an anonymous endowment, they have, brought distinguished visitors to Cornell to lecture on topics to which Bethe, the John Wendell Anderson Professor of Physics Emeritus, has contributed throughout his career.



Freeman Dyson

# Upgrading Computer Literacy King's Goal

## New Vice Provost Proposes Expanded Program

By ROGER SEGELKEN

Believing that computer literacy — the ability to create and understand computer programs — has become as vital to a liberal education as literacy in language and mathematics, Cornell's new vice-provost for computing is proposing a major upgrade in the university's computer facilities and instruction.

"In the 1980s, every student who graduates from college should have a basic knowledge of computing," says Kenneth M. King, the former vice-chancellor for university systems at the City University of New York who assumed the newly-created position at Cornell this month. "Almost every university graduate going into the working world will have significant contact with computers or will supervise those who do."

King stops short of suggesting that Cornell follow the lead of Harvard in making computer instruction a required part of the curriculum — at least not yet. But such a requirement would be possible after the five-year build-up of computing equipment and instructional capabilities that he envisions.

Estimates of computer literacy among Cornell students in the various schools and colleges range from nearly 100 percent to nearly zero, according to King, a theoretical physicist who has worked as an IBM researcher and who developed computer science curriculum at Columbia University. He presented his findings to university trustees last week in a proposed computing plan for the 1980s.

While about 100 percent of undergraduate engineering students at Cornell can be considered computer literate, the vice-provost discovered, only about 20 percent of the



Vice provost for computing Kenneth M. King, fourth from right, discusses the university's new computer with students.

undergraduates in Cornell's largest college, Arts and Sciences, can "talk" to computers. About one-fifth of the undergraduates in Industrial and Labor Relations and in Agriculture and Life Sciences are familiar with basic computer programming, and only about one-tenth of the undergraduates in Hotel Administration and in Architecture, Art and Planning can claim that distinction.

Least fluent in the language of computers are students in Cornell's Law School where a scant 5 percent have any contact with computing and only 1 percent are thought to be literate. Overall, about 30 percent of Cornell students have sufficient computer knowledge to write at least a simple program; an additional 30 percent have had some contact with computing.

Computer literacy at Cornell is "about average" among comparable major universities, King observes. At Dartmouth, some 90 percent of the students are computer literate. Stanford and Prince-

ton are also cited as having high rates. And with the new curriculum requirements at Harvard, the computer literacy rate among graduates will presumably be 100 percent. But some other universities have made less progress than has Cornell in preparing graduates for the 1980s, King notes.

To achieve such a substantial improvement in instructional computing capacity will require more computer hardware. Currently, there are 77 interactive computer terminals available for student use. Some 665 interactive terminals and more microcomputers will be needed to give a student body of the present size access to computing facilities, a goal that King proposes to reach in five years. And of course, much more instruction will be needed.

Along with improvements in instructional computing, King is planning improvements in computer facilities for research and administrative functions. As in the past, special purpose computer equip-

ment for laboratories will be purchased with research grants, the vice-provost predicts, but the need for general purpose research support from central computers will continue to grow at 15 to 20 percent a year.

Furthermore, Cornell should develop administrative computing systems which permit sound planning and good service to students, faculty and staff, says King, adding that it will be necessary to incrementally improve existing systems in a manner which does not exceed the capacity of offices to absorb the impact of change.

With an eye on rapid technological changes in computer equipment — in particular, the trend toward miniaturization — the vice-provost expects Cornell students arriving on campus will soon be packing their own microcomputers just as routinely as they now bring hand calculators or stereos.

But there will always be a need for a full range of computers on a

university campus, he expects. "The range goes from hand calculators to microcomputers to medium-scale equipment which provides access to a broad range of user-friendly application software. And for larger problems and for general purpose software, we will need big, centralized computers."

Students, many of whom have had some contact with computers before arriving at college, already realize the importance of computer literacy, King says, and most of the younger faculty members understand and use computing.

"All the deans recognize the extent to which computer knowledge is necessary for their students," he says. "Gradually, all faculty will come to realize the place of computing in the courses they teach."

"The administration realizes that computing is something that Cornell has to excel at. This has the support of the president and the provost. If it didn't, I wouldn't be here."

"The climate exists," King believes, "for major improvement."

## 'It Sure Doesn't Look Like a Computer...'

"It sure doesn't look like a computer," was the frequently heard comment last week as Cornell Computer Services unveiled its latest acquisition, a DEC-2060.

Purchased from the Digital Equipment Corp. at a cost of about \$750,000 and installed in Uris Hall to supplement the university's central computer, the new equipment is intended primarily for instructional use.

To those accustomed to bright,

flashing lights on more traditional computers, the DEC-2060 will be something of a disappointment; the electronic wizardry is hidden inside a series of gray metal cabinets, with their backs facing the center of the room to facilitate circulation of cooling air.

The brightest lights to be found are not on the computer at all, but on a device called Topaz, a voltage frequency regulator which was installed to smooth power peaks. The

regulator is necessary because of surges in voltage when other on-campus users of power, such as the synchrotron, are in operation.

Under its rather drab exterior, the DEC-2060 hides some impressive capabilities:

— Described as a user-friendly, multi-language interactive processing system, the equipment has a 1 million-word memory and three disk drives of 40 million words each as well as two tape drives.

— The system can accommodate 48 simultaneous users. All public terminals on campus will be able to access the DEC-2060.

— Operating at a speed of 1 million instructions per second, the system can handle software in BASIC, FORTRAN, APL, CPL, COBOL and Assembler languages.

Except for announced maintenance periods, the new system will be in operation 24 hours a day, seven days a week with an operator on duty from 1 to 5 p.m. Monday

through Friday in G-26A Uris Hall.

User accounts are available free of charge to members of the Cornell community during the fall semester. Charges to users will begin in the spring semester.

The Computer Services staff will give a seminar, "Introducing the DECSYSTEM-2060," at 3:30 p.m. Friday, Oct. 24 in G-14 Uris Hall. More information on instruction is available from Charlie Wiecha in G-11 Uris Hall or by calling 256-4981.

—Roger Segelken

## Library Addition

Continued from Page 1

to a study of the nature of the avenue itself.

"The space between Willard Straight Hall and the Campus Store — and between Uris and Olin Libraries — are the most heavily trafficked pedestrian ways on the campus," Roscoe said. "These buildings and spaces represent the focal points of academic and student activity, and with the McGraw Tower, the visual focus as well. This area, with the Uris Library addition, is the heart of the Central Avenue planning study now underway."

Plans Still Tentative

Plans are still tentative, Roscoe

emphasizes, but the hoped-for next step may be the conversion of Central Avenue — from Campus Road to Uris Library — into a safe and attractive enclave for pedestrians.

The ornate stone bridge that carries Central Avenue over the Cascadilla Creek gorge is in need of repairs, according to an architect with Design and Project Management, Barbara Goren. "It is possible to improve the bridge wall while maintaining its historic quality," she believes, adding that the major entrance to the campus should be marked with something more appropriate than parking regulation signs.

Another area where safety is a

concern in planning the future of Central Avenue is the treacherous curve between Myron Taylor Hall and Cascadilla Creek.

"There is a tremendous need to provide amenities for pedestrians," Goren says.

Construction of the Uris Library addition is expected to mark a turning point.

## Arecibo Repair Project Approved at \$810,000

The Board of Trustees has authorized spending up to \$810,000 for repairs to the Arecibo Observatory.

During the repair project, one of the steel cables which supports the receiver equipment platform at the radio/radar telescope will be replaced and tested.

The Arecibo Observatory, located in the mountains of Puerto Rico, is operated by Cornell under contract with the National Science Foundation.

Replacement of the cable is necessary because several steel strands in the cable are broken. A panel of

experts convened at the Arecibo Observatory in January 1980 noted that broken strands had been reported as early as 1962. The panel recommended that immediate steps be taken to replace the cable.

The equipment platform, which receives and amplifies radio waves from space, is suspended some 500 feet above the telescope's dish-shaped reflector by a system of steel cables and concrete towers.

The repair project will be funded by the National Science Foundation through allocations to the National Astronomy and Ionosphere Center.

# Non-Academic Disability Program Improved

## Would Extend Fully Paid Sick Leave

An improvement in the short-term disability program for non-academic employees will become effective beginning with the next pay period on Oct. 30.

As part of the continuing review of all personnel policies and practices, non-academic employees no longer will have to use all their accrued sick leave before becoming eligible for short-term disability benefits.

"Under discussion for many months in a wide variety of university forums, this change has the effect of doubling the length of time an employee can receive full pay for continuous disabilities in excess of seven calendar days," according to Gary J. Posner, director of university personnel services.

At present, an employee unable to work because of a non-job related disability uses full pay sick leave

until the accrued sick leave is exhausted. Any accrued vacation time can then be taken. When sick leave and vacation are used up, half pay short-term disability begins and continues up to a maximum of 130 working days — 26 weeks.

An employee uses accrued full-time sick leave only during the first seven calendar days.

After that, under the new program, the employee uses one-half

sick leave and one-half short-term disability to receive full pay until the accrued sick leave is used up.

At that point, the employee may use one-half accrued vacation and one-half short-term disability to receive full pay until the vacation time is expended. Then the employee would receive half pay short-term disability.

The maximum period for short-term disability remains the same:

130 working days — 26 weeks, which coincides with the beginning of long-term disability programs.

"The effect of this change is twofold: First accrued sick leave is used up only half as fast as under the previous method. Second, full pay status is extended for almost twice as long," Posner said.

# Gift to Establish Corporate Forum

## Continental Gives in Honor of Hatfield

The Continental Group Foundation of Stamford, Conn. has made a \$500,000 pledge to Cornell in honor of Continental Group chairman and former chief executive officer, Robert S. Hatfield.

Hatfield is a Cornell alumnus and a member of its Board of Trustees.

Cornell President Frank Rhodes, who announced the gift last Friday at the annual joint meeting of the Cornell trustees and the Cornell University Council, called it "a particularly fitting tribute to Bob Hatfield, not only for his outstanding leadership in both industry and education but also for his tireless

efforts to increase the communication between higher education and the corporate community."

The gift will endow the Robert S. Hatfield Fund for Economic Education. Income from the endowment will support two major annual activities at Cornell: The Cornell Corporate Forum and faculty projects in economic instruction and research.

The corporate forum is expected to become a major event at Cornell. Each year, the university will invite a distinguished national business leader to campus. The leader will meet informally with students and

faculty and deliver a keynote address of national interest.

The forum is expected to be a major platform for the exchange of ideas between the academic and corporate communities. Whenever possible, transcripts of each forum's proceedings will be published and distributed by the university. The first Cornell Corporate Forum is tentatively scheduled for April 1981.

The Robert S. Hatfield Fund for Economic Education also will make annual grants to university faculty members who have proposed innovative instructional means to pro-

mote a fuller understanding of those forces which affect economic decision-making in the free enterprise system.

Faculty throughout the university who are broadly engaged in economic education will be invited to submit proposals, which will be reviewed by the Office of the Provost.

Hatfield's sensitivity to the need for increased communication between higher education and the corporate sector was exemplified in a recent interview. He said:

"The loss of academic freedom inevitably signals the loss of other freedoms, both individual and socie-

tal..." If private universities are unable to secure the financing to guarantee that freedom, he added, the resultant government financing "historically leads to government control and the subsequent loss of freedom."

During the Cornell Campaign for \$230 million, Hatfield has served with Robert Engel as co-chairman of the National Corporate Gifts Committee. Under Hatfield's leadership, Cornell experienced a 900 percent increase in corporate support between 1972-73 and 1977-78.

# Engineering Gets \$2.5 Million Bequest

## Schoales Funds to Provide 'Seed Money'

Dudley N. Schoales of Scarborough-on-Hudson, N.Y., a 1929 graduate of the College of Engineering, has made a bequest of more than \$2.5 million to the university to establish a fund to provide "seed money" for engineering college projects.

The fund will be known as the Schoales-De Lesseps Projects Initiation Fund in honor of Schoales and his wife, Tauni de Lesseps.

"This is a splendid gift which will substantially enhance the College of Engineering's ability to respond to innovative programs of value," said Cornell President Frank Rhodes. "Dudley Schoales and Tauni de Lesseps have displayed both leadership and foresight in establishing this fund."

The bequest was announced on October 17 at the annual joint

meeting of the Cornell Board of Trustees and the Cornell University Council.

The fund is designed to launch new and imaginative research and teaching projects, which might otherwise be delayed for lack of funding, into a position where they might attract such funding. Schoales plans to add to the fund from time to time so money will be available on a "current and continuing basis."

"Dudley and Tauni know the needs of leadership in the rapidly changing fields of engineering," said Thomas Everhart, dean of the College of Engineering. "By providing support for that critical and fragile forefront—where new and bold ideas are conceived and tested—they are helping Cornell move toward a position of greater leader-

ship among the nation's best centers of engineering education and research."

A former managing partner and now an advisory director at the investment firm of Morgan Stanley, Schoales is a specialist in Australian gas and oil exploration. Queen Elizabeth II recognized his service to Australia by awarding him the Silver Jubilee Medal in 1977 and the Order of Australia in 1980.

Schoales served as a Cornell trustee from 1966 to 1971, and is an emeritus member of the University Council. He was executive vice chairman (Metropolitan New York) of Cornell's \$73.2 million Centennial Campaign, and has been a member of the Engineering Advisory Council since 1968.



More than 200 Cornell alumni and friends gathered in Chicago recently at a testimonial dinner to honor Lester B. Knight Jr. '29. In addition to accolades from President Frank Rhodes and others, Knight received a Cornell Engineering Medal. The medal is awarded occasionally "to people who have shown outstanding leadership in engineering or given outstanding service to the college," according to Thomas E. Everhart, dean of engineering. In 1979, Knight made a gift of \$1 million to endow an unusual scholarship program for business-oriented engineers at Cornell. Pictured here are Emeritus Trustee Charles W. Lake Jr. '41, Charles T. Stewart '40, vice chairman of the Cornell Board of Trustees; Rhodes; Everhart, Knight, and Charles F. Knight '57, Lester's son.

# Veterinary Department Is Divided

The division of the Department of Physiology, Biochemistry and Pharmacology in the College of Veterinary Medicine into the Department of Physiology and the Department of Pharmacology was approved by trustees last weekend.

Trustees also approved the appointment of Geoffrey W.G. Sharp as professor of pharmacology and chairman of the new Department of Pharmacology.

The change in the college's program formalizes the intent to place greater emphasis on teaching and

research in pharmacology.

Born and educated in England, Sharp received his bachelor's degree in pharmacy from the University of Nottingham and the doctor of science and the doctor of philosophy degrees in pharmacology from the University of London.

While a lecturer in pharmacology at the University of Nottingham, Sharp led physiological expeditions to Spitzbergen in the Arctic in 1957 and 1960 to study the effects of activity and light on human circadian rhythms. He joined the

Harvard medical complex in 1962, teaching in the departments of pharmacology and physiology at Harvard Medical School and in biochemistry at Harvard College.

Since 1978, Sharp has been professor and chairman of the Department of Physiology at Tufts University Schools of Medicine, Dental Medicine and Veterinary Medicine. The appointment to the Department of Pharmacology in the College of Veterinary Medicine is effective Oct. 17, 1980.

# Calendar

All items for publication in the Calendar section, except for Seminar notices, must be submitted by mail or in person to Fran Apgar, Central Reservations, 532 Willard Straight Hall, at least 10 days prior to publication. Seminar notices should be sent to Barbara Jordan-Smith, News Bureau, 110 Day Hall, by noon Friday prior to publication. Items should include the name and telephone number of a person who can be called if there are questions, and also the subheading of the Calendar in which it should appear (lectures, colloquia, etc.) ALL DEADLINES STRICTLY ENFORCED.

\*—Admission charged.

## Announcements

**Draft Information and Counseling**  
Confusion reigns! Some people have registered, some have not. Do you have to file your social security number? The Supreme Court will be deciding whether registration is sex discriminatory. Will women have to register? What about conscientious objectors? Men born in 1962 and 1963 will have to register beginning in January. Before you register, get the facts and know your rights. If you have already registered, find out what happens next. Drop by the office or call for an appointment. 320 Anabel Taylor Hall. Mon.-Fri. 9 a.m.-2:30 p.m.; Thurs. 2:30-4:30 p.m.; Tues. 7-9 p.m. 256-5187.

Wednesday

Oct. 29, 7:30 p.m. Hasbrouck Office Lounge. Meeting for student family members interested in participating in 3rd Annual Craft Fair on Dec. 6. For more information call Fran at 256-5333 or Judy at 272-4155. Sponsored by Student Family Housing.

Saturday

Nov. 1, 11 a.m. Straight Memorial Room, Society for Creative Anachronism Medieval Tourney. Spectators are welcome at the tournament. For information on feast, contact Lord Robert or Lady Armyd at 256-2697 or 256-2698.

Saturday

Oct. 25, 6:30 p.m. Anabel Taylor One World Room. The Muslim Educational and Cultural Association cordially invites all Muslim students and friends to a dinner celebrating EID AL-ADHA (Sacrifice Feast). Advance tickets available on Friday in Anabel Taylor Edwards Room between 2 & 3 p.m. Your presence is highly appreciated.

**Safety Shoes Available for Employees**  
Employees will have an opportunity to buy special safety shoes on campus. The shoes will be sold from a mobile store schedules to be parked at Stocking Hall, Tower Road from 9 a.m. to 12:30 p.m. and between Statler Auditorium and Barton Hall from 1:30-4 p.m. Thursday, Nov. 6. Additional details may be obtained by calling Alex McCord, Life Safety, 256-3744.

The Muslim Educational and Cultural Association will be sponsoring a dinner celebrating Eid Al-Adha (sacrifice feast) at 6:30 p.m. Saturday, Oct. 25, in the One World Room, Anabel Taylor Hall. All members of the Cornell community are invited to attend.

Tickets, at \$3, \$2 for children 6-12, will be on sale between 2 and 3 p.m. Friday in the Edwards Room, Anabel Taylor Hall. Children under 6 will be admitted free.

## Colloquia

Thursday

Oct. 23, 4:30 p.m. Space Sciences 105. Astronomy and Space Sciences: "Solar Neutrino Astronomy - What Next?" Dr. Raju S. Raghavan, Bell Telephone Laboratories.

Monday

Oct. 27, 4:30 p.m. Clark Hall Beth Seminar Room. "Internal Structure of the Proton from Polarized Electroproduction," Vernon Hughes, Yale University. Physics.

Tuesday

Oct. 28, 4:30 p.m. Space Sciences 105. Astronomy and Space Sciences: "Dynamical Conditions in Molecular Clouds," Dr. Neal J. Evans II, University of Texas at Austin.



**Choreographer Saga M. Ambegaokar (left) with Cornell dance instructor Alix Keast in a scene from "Jade," which will be among the original dance works presented at 8:15 p.m. Friday and Saturday, Oct. 24 and 25, in the Central School Gymnasium on North Albany Street. Tickets, at \$3.50, \$2.50 for students, children under 12 and senior citizens, will be available at the door the nights of the performances.**

## Dance

Every Thursday, 8-11 p.m. Anabel Taylor One World Room. Israeli Folk Dancing.

Every Sunday, 7 p.m. Straight North Room. International folkdancing. Intermediate and advanced dances taught 7-8 p.m., request dancing 8-10:45 p.m. Free.

Every Tuesday, 7:30-10:30 p.m. Martha van Rensselaer Auditorium. Couples dancing, Scottish, English and International teaching and requests. Free, singles welcome.

Every Wednesday, 7-10:45 p.m. Straight Memorial Room. International folkdancing. Beginners dances taught 7-8:30 p.m., request dancing 8:30-10:45 p.m.

Friday & Saturday

Oct. 24 & 25, 8:15 p.m. \*Central School Gymnasium. Two performances of new works by dancer/choreographers Saga Ambegaokar and Alix Keast, and composer/musician Linda Fisher will be presented by The Troika Association. Each of the three has received professional recognition through grants, awards and media coverage.

## Exhibits

Olin Library "The Viking World: The Ships They Sailed, The Lands They Conquered, How They Lived and What They Believed." The exhibit marks the 75th anniversary of the Fiske Icelandic Collection. Through Dec. 31.

Sibley Dome Gallery "Cornell School of Architecture Faculty Exhibition" through Oct. 31.

Statler Ballroom V.W.R. Scientific exhibit of Scientific Laboratory Instruments - 25 exhibitors. Wed., Oct. 29, 9:30 a.m. - 4:30 p.m.

Herbert F. Johnson Museum "Ansel Adams," through Oct. 26. Adams' clarity of vision and technical expertise, as exemplified in over thirty photographs, will inspire a deeper appreciation of western landscape. "Sunday Afternoons at the Johnson," an opportunity to meet the staff members who organize and mount the exhibitions and maintain the permanent collection at the Herbert F. Johnson Museum of Art. Nov. 2: introduction to the museum, its collection and resources. Building tour includes "behind the scenes" area. Cost is \$5 per session or \$15 for the series. This program is sponsored in part by Cornell University and the New York State Council on the Arts. For further information call Vas Prabhu, 256-6464. "Eye-Openers: Images & Origins," has been designed as an adult and child activity program to promote family learning experiences. Participants will discover: what inspires artists to choose between reality and illusion; who decides which art objects are displayed in a museum, and even what a favorite possession has in common with a work of art. Sessions will be held Saturdays, Nov. 1, 8, 15, 22, 10:30 a.m. - 12 noon. Cost is \$10 per adult and \$5 per child for the entire series. Scholarships are available. This program is sponsored in part by Cornell University and the New York State Council on the Arts. For more information call Vas Prabhu, 256-6464.

## Films

Unless otherwise noted films are under sponsorship of Cornell Cinema.

Thursday

Oct. 23, 8 p.m. \*Uris Hall Auditorium. "The Big Sleep" (1946), directed by Howard Hawks, with Humphrey Bogart, Lauren Bacall. Co-sponsored by the Law School.

Friday

Oct. 24, 7:30 p.m. \*Statler Auditorium. "Time After Time" (1979), directed by Nicholas Meyer, with Malcolm McDowell, David Warner, Mary Steenburgen.

Oct. 24, 10 p.m. \*Statler Auditorium. "Coal Miner's Daughter" (1980), directed by Michael Apted, with Sissy Spacek, Tommy Lee Jones, Barbara D'Angelo.

Friday & Saturday

Oct. 24 & 25, 11:45 p.m. \*Statler Auditorium. "Everything You Always Wanted to Know About Sex But Were Afraid to Ask" (1972), directed by Woody Allen, with Woody Allen, John Caradine, Lou Jacobi, Gene Wilder.

Saturday

Oct. 25, 7:30 & 9:30 p.m. \*Uris Hall Auditorium. "A Slave of Love" (1978), directed by Nikita Mikhaikov, with Elena Solovei, Rodion Nakhapetov.

Oct. 25, 7:30 p.m. \*Statler. "Coal Miner's Daughter."

Oct. 25, 10 p.m. \*Statler. "Time After Time."

Sunday

Oct. 26, 2 p.m. Uris Hall Auditorium. "The FortySeven Ronin" (Genroku Cushin-Gura, 1942). Part 1. Part 2 will be shown on Wed., Oct. 29 at 4:30 p.m. Japanese Cultural Society presents this program which is free and open to the public.

Oct. 26, 8 p.m. \*Uris Hall Auditorium. "Hester Street" (1975), directed by Joan Micklin Silver, with Carol Kane, Steven Keats, Dorrie Kavanaugh.

Monday

Oct. 27, 9 p.m. \*Uris Hall Auditorium. "La Guerre Est Finie" (1966), directed by Alain Resnais, with Yves Montand, Ingrid Thulin, Genevieve Bujold; "The House" (van Gasteren, 1961). Film Club members only.

Tuesday

Oct. 28, 12:15 p.m. Warren Hall 145. Camel Breeders Film Festival: "Diet for a Small Planet," based on the best selling book by Frances Moore Lappe. He discusses the huge losses involved in feeding valuable protein to fatten cattle and strategies for obtaining good quality protein from non-meat sources.

Oct. 28, 4:30 p.m. Morrill Hall 106. Southeast Asia Film Series: "Bangkok"; "International City: Singapore"; "Jakarta"; Kuala Lumpur." A series of films showing major Southeast Asian cities.

Oct. 28, 8 p.m. \*Uris Hall Auditorium. "The Innocents" (Henry James: The Turn of the Screw), (1962), directed by Jack Clayton, with Deborah Kerr, Michael Redgrave, Pamela Franklin.

Wednesday

Oct. 29, 4:30 p.m. Uris Hall Auditorium. "The FortySeven Ronin" (Genroku Cushin-Gura, 1942). Part 2. Japanese Cultural Society. Free and open to the public.

Oct. 29, 8 p.m. \*Uris Hall Auditorium. "The Music Room" (Jalsaghar) (1959), directed by Satyajit Ray, with Chhabi Biswas, Padma Devi, Pinaki Sen Gupta. India in Film Series. Co-sponsored by Cornell India Association.

Thursday

Oct. 30, 8 p.m. Uris Hall Auditorium. "Simplemente Jenny" (1975), directed by Helena Solberg-Ladd. Spanish with subtitles. Women in Latin America and the values that shape their lives.

Oct. 30, 10:30 p.m. \*Uris Hall Auditorium. "Night of the Living Dead." Cornell International Relations Seminar.

Friday

Oct. 31, 8 p.m. Morrill 106. "Vietnam: An American Journey" filmed by Robert Richter, a prize-winning documentarist, will be present for comment and discussion. Sponsored by Southeast Asia

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Program and Telluride Association.

Oct. 31, 9:45 p.m. \*Uris Hall Auditorium. "La Cage Aux Folles" (Birds of a Feather) (1979), directed by Edouard Molinaro, with Ugo Tognazzi, Michel Serrault.

Oct. 31, 11:45 p.m. \*Uris Hall Auditorium. "Performance" (1970), directed by Nicholas Roeg, with Mick Jagger, James Fox, Anita Pallenberg. Rated X.

Saturday

Nov. 1, 7:30 & 9:30 p.m. \*Statler Auditorium. "The Muppet Movie" (1979), directed by James Frawley, with Jim Henson's Muppets, and everyone from Bob Hope to Orson Welles.

Nov. 1, 7:30 & 9:45 p.m. \*Uris Hall Auditorium. "La Cage Aux Folles." Nov. 1, 11:45 p.m. \*Uris Hall Auditorium. "Performance."

Sunday

Nov. 2, 2 p.m. \*Uris Hall Auditorium. "The Muppet Movie." Co-sponsored by Ithaca Youth Bureau. Children's Matinee Series.

Nov. 2, 8 p.m. \*Uris Hall Auditorium. "Ryan's Daughter" (1970), directed by David Lean, with Robert Mitchum, Sarah Miles, John Mills. Co-sponsored by Cairde na nGael. (Society of Irish Students at Cornell). Aspects of Ireland Series.

## Intramural Sports

**Intramural Basketball-(Women)**

Deadline on entries is Thurs., Oct. 30 at 4 p.m. in the Intramural Office, Gruman Squash Courts Building. Play will start Mon., Nov. 10 in Helen Newman Gym. Please specify your preferred day of play. Monday, Tuesday, Thursday evenings, (Wednesday if necessary). 1st, 2nd, 3rd choice. Minimum of 9 to enter.

## Lectures

Every Tues. & Thurs., 11:15 a.m. Baker Laboratory 119. Baker Lecture Series: "Chemical Stereodynamics," Richard N. Zare, Stanford University. Through Nov. 20.

Thursday

Oct. 23, 3:30 p.m. Clark Auditorium, 7th floor Clark Hall. Conference on the Revival of Islamic Fundamentalism. 3:30-5:30 p.m. panel discussion; 8:30-10 p.m. open discussion. Panelists include Profs. Richard Dekmejian, political science, SUNY/Binghamton; Michael Fisher, social anthropology, Harvard University; and Firuz Kazemzadeh, history, Yale University. Topics to be discussed include Islamic Revival in Turkey, Syria, Egypt and Iran, and Russian policy towards the Islamic countries. Sponsored by the Department of Near Eastern Studies.

Oct. 23, 4:30 p.m. Goldwin Smith 277. "Dramatic Space in the Theatre of Garcia Lorca," Francisco Ruiz Ramon. Lecture in Spanish. Open to the public.

Oct. 23, 8 p.m. Goldwin Smith Hollis E. Cornell Auditorium. Viking Lecture Series: "The Vikings in North America," Chairman Gwyn Jones, CBE Professor Emeritus of English and Scandinavian Studies, National University of Wales.

Oct. 23, 8:30 p.m. Anabel Taylor Founders Room. Christian Science Lecture: "The Science of Christian Healing," Jack E. Hubbell.

Friday

Oct. 24, 4:15 p.m. A.D. White House. "The Ideology of Form in Dryden's Poetry," Laura Brown, Assistant Professor of English at University of California, Riverside. Sponsored by The Literature Club and The English Department.

Monday

Oct. 27, 4 p.m. Goldwin Smith 24. Quodlibet slide lecture: "Monastic Stained Glass: Patronage and style," Professor Meredith Lillich, Syracuse University.

Oct. 27, 4:30 p.m. Andrew D. White House Guerlac Room. The Society for the Humanities Lecture: "Comparing Poetic Worlds." Alexander Zholkovsky,

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Senior Fellow, Society for the Humanities.

Oct. 27, 8 p.m. Goldwin Smith Hollis E. Cornell Auditorium. Leonardo da Vinci Society Lecture: "Challenges of the '80's," Edward Smith, Agriculture, addressing the outstanding unresolved problems facing the field of agriculture.

Oct. 27, 8 p.m. Goldwin Smith 281. Maurice Molho, Institut d'Etudes Hispaniques, University of Paris, Sorbonne. Lecture in Spanish on the work of Francisco de Quevedo on the occasion of the 400th anniversary of his birth. Department of Romance Studies.

#### Tuesday

Oct. 28, 12:15 p.m. Uris Hall 204. "Social Welfare in Norway: Second Best Institutions?" Professor Donald Schwerin, Oakland University. Western Societies Program, Center for International Studies Lecture Series on Dismantling the Welfare State.

Oct. 28, 4:30 p.m. A.D. White House Guerlac Room. Society for the Humanities Lecture. Maurice Molho, Institut d'Etudes Hispaniques, University of Paris, Sorbonne. Lecture in French on the concept of "Popular Literature."

#### Wednesday

Oct. 29, 7:30 p.m. Goldwin Smith Kaufmann Auditorium. Women's Studies Panel Discussion: "Women's Issues in the 1980 Election," co-sponsored by Ithaca Chapter of NOW. "Era and the Evangelical Right," Joan Jacobs Brumberg, Assistant Professor, Women's Studies, HDFs. "Militarism and Anti-Feminism," Zillah Eisenstein, Associate Professor, Ithaca College. "Women and Inflation," Jennifer Gerner, Associate Professor, Consumer Economics and Housing. "Abortion and the Dissipation of Reproductive Rights," Mary Katzenstein, Associate Professor, Government. "Court Decisions Affecting Women," Marion Kennedy, Assistant Professor, ILR. Moderator: Margaret Feldman, Professor, Psychology, Ithaca College. Women's Studies.

Oct. 29, 8 p.m. Myron Taylor Moot Court Room. "Facing Official Anti-Semitism: An Experience in Argentina," Jacobo Timerman, well-known Argentinian publisher who spent 2 1/2 years in prison in Argentina for his outspoken views on human rights in that country. Co-sponsored by CUSLAR (Committee on U.S. Latin American Relations) and Hillel.

#### Thursday

Oct. 30, 4:30 p.m. Goldwin Smith Kaufmann Auditorium. "The Cambridge Sensibility and the Chinese Revolution," Jonathan D. Spence, George Burton Adams Professor of History at Yale University. University Lecture Committee and China-Japan Program.

Oct. 30, 8 p.m. Goldwin Smith Hollis E. Cornell Auditorium. Viking Lecture Series: "The North Sea Earls," Christopher Morris, Lecturer in Archaeology, University of Durham.

## Meetings

Every Monday, 4:30 p.m. Anabel Taylor G-17. Committee on U.S. Latin American Relations.

Every Tuesday, 7:30 p.m. Anabel Taylor 314. Anthroposophy Study Group will study Rudolf Steiner's "An Outline of Occult Science." All welcome. For more information call 272-3170.

Every Wednesday, 7:30 p.m. Straight 207. Gaypac meeting.

Every Wednesday, 9 p.m. Hug Ivri-Hebrew Club: informal meetings for speakers of Hebrew at all levels. Call Michael at 277-2168.

Every Thursday, 7:30 a.m. Anabel Taylor One World Room. Disarmament Study/Action Group breakfast. For more information contact Jack Lewis or Phil Bogdonoff, 256-4214. All welcome.

Every Thursday, 12:30 p.m. Anabel Taylor Forum. Alcoholics Anonymous.

Every Thursday, 7:30 p.m. Straight 207. Gaypac Discussion Group.

Every Fri. & Sat., 6 p.m. Upton 111. Cornell Dungeons and Dragons.

Every Saturday, 12 noon-5 p.m. Straight North Room. Cornell War-gamers. All welcome.



**The Franz Schubert Quartet of Vienna will make its American debut at 8:15 p.m. tomorrow in Barnes Hall. The concert, which is free and open to the public, will feature two major works by Beethoven and Schubert. The members of the quartet are, from left: Rudolf Leopold, cello; Hartmut Pascher, viola; Michael Gebauer, second violin, and Florian Zwiauer, first violin.**

## Music

### Bach Organ Recital

Organ music of J.S. Bach will be featured in a free public recital by university organist Donald R.M. Paterson at 4 p.m. Sunday, Oct. 26, in Anabel Taylor chapel.

He will play several chorale-preludes, Pastorale, Prelude and Fugue in C Major, Fantasia in G Major and Toccata in F Major.

An associate professor in the Department of Music at Cornell, Paterson is also the director of the Sage Chapel Choir. Before coming to Ithaca in 1964, he taught at Stephens College and Culver Military Academy.

He is a graduate of Williams College and holds an advanced degree from the University of Michigan. He has studied with Doris Voester, Robert Owens, Robert Barrow and Robert Noehren in this country. During several summers he studied organ and theory with Mlle. Nadia Boulanger at the American Conservatory in Fontainebleau, France.

In addition to the many recitals he has given in New England, the Midwest, the South and on the campus, Paterson has played concerts for regional conventions of the American Guild of Organists and for several national conventions of the Organ Historical Society, including the Silver Anniversary convention of the latter last summer.

Paterson is a former associate editor of The Tracker, quarterly journal of the Organ Historical Society. He served as president of the organization for several years and has been a member of its National Council.

#### Thursday

Oct. 23, 4:30 p.m. Barnes Hall. "Operalog" with live music from the Ithaca Opera Association and slides. "Sights and Sounds of Berlin in the '20's." Sponsored by the Department of German Literature and the Department of Music, in connection with "The Threepenny Opera" (Ithaca Opera Association, Nov. 1 & 2).

Oct. 23, 8:15 p.m. \*Statler. Faculty Committee on Music Series. Anton Kuerti, piano.

#### Friday

Oct. 24, 8:15 p.m. Barnes Hall. Schubert String Quartet. Works of Beethoven, Schubert.

#### Saturday

Oct. 25, 8:15 p.m. \*Sage Ghapel. Cornell Glee Club conducted by Thomas Sokol. Homecoming Concert.

#### Sunday

Oct. 26, 4 p.m. Anabel Taylor Chapel. Donald R.M. Paterson, organ. Works of J.S. Bach.

#### Saturday & Sunday

Nov. 1 & 2, 8:15 p.m. \*Strand Theatre. "The Threepenny Opera" with music by Kurt Weill and libretto by Bertolt Brecht, presented by the Ithaca Opera

Association. The opera, in 3 acts and a prologue, has a cast of 23 singers, with Edward Murray conducting and Gary Race as stage director. Tickets on sale at the Strand box office and Hickey's Music Store.

## Religion

Monday through Friday, 12:15 p.m. Anabel Taylor G-19. Catholic Mass.

Every Friday, 1 p.m. Anabel Taylor Edwards Room. JUMA Prayers organized by the Muslim Educational and Cultural Association of Cornell.

Every Saturday, 5:15 p.m. Anabel Taylor Auditorium. Catholic Eucharist.

Every Sunday, 9:30 a.m. Anabel Taylor Chapel. Episcopal Eucharist Worship Service. Nursery and Church School provided. Faculty and students welcome. Coffee hour after.

Every Sunday, 9:30 & 11 a.m. Anabel Taylor Auditorium. Catholic Eucharist. Church School and nursery provided.

Every Sunday, 9:45 a.m. Anabel Taylor Edwards Room. Ithaca Society of Friends (Quakers) adult discussion followed by meeting for worship at 11 a.m.

Every Sunday, 10 a.m. Straight North Room. Korean Church at Cornell.

Every Sunday, 10:30 a.m. Straight Lofts 2 & 3. University Church of Christ. Worship Service and Bible Study. Students and faculty welcome. Call 272-6242 for information. James E. Johnson Jr., evangelist.

Every Sunday, 11:15 a.m. Anabel Taylor Chapel. Protestant Church at Cornell. Coffee and conversation after.

Every Sunday, 5 p.m. Anabel Taylor Auditorium. Catholic Eucharist.

## Religious Meetings

Every Thurs., 7 p.m. Anabel Taylor Founders Room. Christian Science Organization Testimony meeting. All welcome.

Every Fri., 7:30 p.m. Straight Loft 4. Cornell Bible Applications Group Bible Study. Everyone welcome.

Every Wed., 7:30 p.m. 106 Eastern Heights Drive. Baha'i fireside meeting. All welcome. For rides or information call 272-5320 or 273-4240.

Every Mon., 4:30 p.m. Anabel Taylor 314. Baha'i Club meeting. All welcome.

Every Tues., Thurs., 7:30 p.m. Highland House Apts. Apt. C-34. Let's Twig-Biblical research teaching and fellowship. Also on Sunday at 10 a.m. Call 257-0149 for information.

## Seminars

Agronomy: "Root Measurement, Root Growth, Uptake Kinetics, Cultivar Differences," Stanley Barber, Purdue University, 4 p.m. Monday, Oct. 27, 245 Warren.

Biochemistry: "The In Vitro Wheat Germ Protein Synthesis System," Abraham Marcus, Institute for Cancer Research, Philadelphia, noon, Thursday, Oct. 23, Wing Hall Library.

Biochemistry: "The Role of Nucleotide Sequences as Allosteric Effectors of the Restriction Endonuclease from E. Coli K," Robert Yuan, Frederick (MD) Cancer Res. Center, 4:30 p.m. Friday, Oct. 24, 204 Stocking Hall.

Biochemistry: "Perspective on Radiation Safety," Dominic Versage and William Kiker, 12:20 p.m. Monday, Oct. 27, 204 Stocking Hall.

Biological Sciences: "What is the Role of Biological Interactions in Structuring Stream Insect Communities?" Bobbie Peckarsky, 4:30 p.m. Wednesday, Oct. 29, Langmuir Penthouse.

Biophysics: "Do Homing Pigeons Know More Biophysics than We Do?" Melvin Kreithen, Carnegie Museum of Natural History, University of Pittsburgh, 4:30 p.m. Wednesday, Oct. 29, 700 Clark Hall.

Boyce Thompson Institute: "Biochemical and Genetic Regulation of Photorespiration," I. Zelitch, Connecticut Agricultural Experiment Station, 3:15 p.m. Wednesday, Oct. 29. Boyce

Thompson Institute Auditorium.

Chemical Engineering: "Phase-Change Behavior of Hydrogen in Metals," Carol K. Hall, Princeton University, 4:15 p.m., Wednesday, Oct. 29, 145(A) Olin Hall.

Classics: "Jordanes and the Liberation of the Roman Empire," James J. O'Donnell, 4 p.m. Friday, Oct. 24, 120 Goldwin Smith Hall.

Computer Services: "Introducing the DECSYSTEM-20," 3:30 p.m. Friday, Oct. 24, G-14 Uris Hall.

Food Science: "The Function of Taste in Food," Morley R. Kare, Monell Chemical Senses Center, 4:30 p.m. Tuesday, Oct. 28, 204 Stocking Hall.

General Chemistry: "Laser Time-Resolved Studies of Energy Transfer and Structural Changes," M.A. El-Sayed, UCLA, 4:40 p.m. Thursday, Oct. 30, 119 Baker Lab.

Marine Biology: "Sea Lion," 4:40 p.m. Tuesday, Oct. 28, G-1 Stimson Hall.

Materials Science and Engineering: "The Diversity of Habits of Polyethylene Crystals," F. Khoury, National Bureau of Standards, 4:30 p.m. Thursday, Oct. 23, 140 Bard Hall.

Materials Science and Engineering, "Analytical Electron Microscopy," J. Bentley, Oak Ridge National Lab., 4:30 p.m. Thursday, Oct. 30, 140 Bard Hall.

Mechanical and Aerospace Engineering/Geological Sciences: "Convective Mantle Flow and Plate Dynamics," H.S. Tan, Institute of Mechanics, Beijing, 4:30 p.m. Thursday, Oct. 23, 282 Grumman.

Mechanical and Aerospace Engineering: "Three-Dimensional Aspects of Boundary-Layer Transition," Itiro Tani, National Aerospace Laboratory, Japan, 4:30 p.m. Monday, Oct. 27, 282 Grumman. Mechanical and Aerospace Engineering: "Evaluation of a Simplified Model of Spray Combustion," G.M. Faeth, Pennsylvania State University, 4:30 p.m. Tuesday, Oct. 28, 282 Grumman.

Operations Research: "Equilibria Concepts for Network Planning: Models and Analysis," Thomas Magnanti, MIT, 4:30 p.m. Tuesday, Oct. 28, 305 Upson.

Organic/Organometallic Chemistry: "Evidence for Electron Transfer as the Main Pathway in Reactions of Main Group Metal Alkyls and Hydrides with Organic Substrates," G. Ashby, Georgia Tech., 8:15 p.m. Monday, Oct. 27, 119 Baker Lab.

Physiology: "Function of Taste in Food," Morley Kare, Monell Chemical Senses Center, 4:30 p.m. Tuesday, Oct. 28, 204 Stocking Hall.

Plant Biology: "Nitrogen Assimilation in Roots," Ann Oaks, McMaster University, Ontario, 11:15 a.m. Friday, Oct. 24, 404 Plant Science Building.

Plant Pathology: "An IPM Package for Rice Blast," D. R. Mackenzie, Penn. State Univ., 4:30 p.m. Tuesday, Oct. 28, 404 Plant Science Building.

Pomology: Protein Improvement in Alfalfa Via Cell Culture Techniques," Bruce Reisch, Geneva Experiment Station, 11:15 a.m. Monday, Oct. 27, 114 Plant Science Building.

Statistics: "Sequential Adaptive Selection of the Best of Several Normal Means," Ian Johnstone, 3:15 p.m. Wednesday, Oct. 29, 105 ILR Conference Center.

Theoretical and Applied Mechanics: "New Experimental Method in Fracture Initiation at High Loading Rates," J. Klepaczko, Brown University, 4:30 p.m. Wednesday, Oct. 29, 205 Thurston Hall.

Vegetable Crops: "Direct Marketing and Farmers Markets—Some Observations," Ransom A. Blakeley, 4:30 p.m. Thursday, Oct. 23, 404 Plant Science Building.

Vet. Microbiology: "Modern Trends in the Development of Vaccines," H.D. Brede, Paul-Ehrlich Institute, Germany, 12:15 p.m. Friday, Oct. 24, G-3 Veterinary Research Tower.

# Calendar

## Sports

Raquetball Players needed for Raquetball Club. All players welcome. For information call Carlos at 533-4261.

Frisbee Cornell Ultimate and Flying Disc Club practice. Barton Hall 11 p.m.-1 a.m. Every Tuesday and Thursday.

### Friday

Oct. 24, 5:30 p.m. \*Schoellkopf. Men's 150 lb. Football-Navy.

Oct. 24, 8:30 p.m. \*Schoellkopf. Men's Varsity Soccer-Dartmouth.

### Saturday

Oct. 25, 10 a.m. Schoellkopf. Men's Freshman Football-Dartmouth.

Oct. 25, 1:30 p.m. \*Schoellkopf. Men's Varsity Football-Dartmouth. Homecoming.

Oct. 25, 8:15 p.m. \*Oxley Polo Arena. Men's Polo-Central Ohio.

### Friday

Oct. 31, 7:30 p.m. \*Oxley Polo Arena. Men's Polo-Country Roads.

### Saturday

Nov. 1, 11 a.m. Schoellkopf. Women's Varsity Field Hockey-Pennsylvania.

Nov. 1, 12:30 p.m. Schoellkopf. Men's JV Soccer-Monroe Community College.

Nov. 1, 2 p.m. \*Schoellkopf. Men's Varsity Soccer-Syracuse.

Nov. 1, 9 a.m. \*Barton Hall. Women's Volleyball Ivy Tournament.

### Sunday

Nov. 2, 9 a.m. \*Barton Hall. Women's Volleyball Ivy Tournament.

Nov. 2, 1 p.m. \*Barton Hall. Women's Volleyball Ivy Tournament Playoffs.

## Theater

### 'Elephant Man' Nov. 1

Bernard Pomerance's award-winning play "The Elephant Man" will be presented at 8 p.m. Saturday, Nov. 1, in Cornell University's Bailey Hall. The touring company production is being sponsored by Cornell's University Unions Program Board, a division of the Department of Unions and Activities.

Tickets, at \$8 and \$6.50, are on sale at the Willard Straight Hall Ticket Office from 11:30 a.m. to 4:30 p.m. Monday through Friday.

"The Elephant Man" opened on Broadway in 1979 and swept all of the major theatrical awards, including the 1979 TONY Award as Best Play of the Year, the New York Drama Critics Circle Award, the Drama Desk Award and the Outer Critics Circle Award.

Based on an actual case history, the two-act play tells of John Merrick (1863-1890) who spent most of his 27 years as a sideshow freak earning his living by exposing himself to the ridicule and horror of those who flocked to see him.

"The Elephant Man" was rescued from his existence by Frederick Treves, a highly-regarded London surgeon, who brought him to London Hospital for care and observation. There, under the doctor's treatment, Merrick revealed an acute intelligence and romantic imagination. Ironically, this former outcast became a "darling of society."

The American Theatre Productions tour of "The Elephant Man" opened in Providence, R.I., on Oct. 4 and will continue from there to more than 50 cities across America. The play had its Broadway premiere at the Booth Theatre on April 19, 1979, where it is still playing.

### Thurs. through Sat.

Oct. 23-25, 8:15 p.m. \*Lincoln Drummond Studio. "One Flew Over the Cuckoo's Nest." Dale Wasserman. A violent clash of wills ends in stunning melodrama - a funny, touching play. Theatre Cornell production.

### Thurs. through Sun.

Oct. 30-Nov. 2, 8:15 p.m. \*Lincoln Drummond Studio. "One Flew Over the Cuckoo's Nest."

### Saturday

Nov. 1, 8:15 p.m. \*Bailey. "The Elephant Man." Tony Award Winner, best play 1979. University Unions Program Board. Tickets on sale at Straight Ticket Office.



Canadian pianist Anton Kuerti will perform works of Beethoven and Chopin at 8:15 p.m. today in Alice Statler Auditorium. Tickets are on sale at the Lincoln Hall ticket office, 256-5144, open from 9 a.m. to 1 p.m.

## Graduate Bulletin

Late initial course registration and/or course additions are still possible upon payment of \$10. Oct. 26 is the deadline for dropping courses or changing the grade option.

**REMINDER:** The following National Science Foundation applications are available at the Fellowship Office, 116 Sage Graduate Center: NSF Graduate Fellowships, NSF Minority Graduate Fellowships, NSF Postdoctoral Fellowships in Science, NSF-NATO Postdoctoral Fellowships in Science.

Additional information on the awards whose deadlines are listed below is available at the Fellowship Office, 116 Sage Graduate Center. Unless stated otherwise, prospective applicants must obtain applications directly from the agency concerned.

Oct. 31: **DAAD Short Term Research Grants**—for 2-6 months of dissertation or postdoctoral research during calendar year 1981; applicants must be U.S. citizens between 18-32 years of age who possess a good knowledge of German (subsequent deadlines: 1/31/81 and 3/31/81).

Nov. 7: **DAAD Direct Exchange Fellowships**—three fellowships are available for study at a West German university, the University of Goettingen and the University of Heidelberg. Applications should include a description of the proposed study/research project, student's qualifications, Cornell transcript and two letters of reference from professors in the student's field; applicant's address and telephone number should also be included. Contact Herbert Deinert, Department of German Literature, 188 Goldwin Smith for additional information.

Nov. 15: **American Home Economics Association Foundation Project Grants Program**—several grants ranging from \$1000 to \$4000 are available to assist members of the profession to develop

and utilize their full potential, to provide education, study and scientific research in fields relating to home economics, and to improve the usefulness and effectiveness of home economics in all its aspects. Applications will be accepted from AHEA committees, sections, and units; district or local home economics administrative units; individual AHEA members; and nonprofit agencies or organizations whose purposes are consistent with those of the AHEA Foundation. Beginning researchers are encouraged to apply.

Nov. 15: **National Endowment for the Humanities Youthgrants**—awards to individuals and groups for humanities projects of their own design that will increase their knowledge and skills in the humanities and promote the sharing of new insights with others. Grants are made expressly to young people of high school and college age, as well as to graduate students, out-of-school youth and employed persons. Applicants between 15 and 25 years of age are given strong preference. Grants may not be used to support degree related work or dissertation research.

Nov. 28: **DAAD Traineeships in Agriculture**—limited opportunities exist for summer work (approximately 3 months) on Bavarian farms for students possessing previous practical experience in agriculture or related fields. Applicants must possess a driver's license and a working knowledge of German.

## Sponsored Programs

The Office of Sponsored Programs, 123 Day Hall, 6-5014, wishes to emphasize that the information in this column is intended for post-doctoral research unless otherwise indicated.

### NSF Research Initiation Grants For Applied Social and Behavioral Sciences

The National Science Foundation has announced a program directed toward full-time social and behavioral science faculty members who have had no substantial research support. Assistant and Associate Professors having their doctorate no more than 5 years are eligible. Grants are to be used for the initiation of theoretical and/or empirical research projects in any area normally supported by the Social and Behavioral Sciences Section of the Division of Applied Research. It is expected the investigator will spend at least one-quarter time during the academic year and up to 2 months during the summer. Budgets will not exceed \$40,000.

Proposals must be postmarked no later than December 15, 1980. For further information on this program, contact the Office of Sponsored Programs, 123 Day Hall.

### Program Deadlines

The following deadlines are coming up soon. Please try to have your proposals at the Office of Sponsored Programs in time to allow for accurate review of budgets and guidelines adherence. **PHS/NIH NEW Applications** are due at the Agency November 1, 1980. Be sure to use the new application kit.

**New York State Health Research Council** postmark date November 11, 1980.

**National Criminal Justice Programs - National Institute of Justice** two programs 1) research program on crime-control theory 2) research programs on methodology research and evaluation - November 1.

**Newberry Library - Humanities Short-term resident fellowships** for research in the Humanities November 1, 1980.

**National Science Foundation Science Education Comprehensive Assistance** to undergraduate science education - November 1, 1980.

## Barton Blotter

The fall break last week could be equated with somewhat of a break in the number of incidents of crime on campus, particularly thefts.

But Tuesday, Oct. 14, when campus activity began to pick up, a 10-speed bike worth \$240 was taken sometime between 3 and 5 p.m. from in front of Uris library.

Other thefts through the week included a backpack with books valued at \$48 taken from the Arts Quad near Morrill Hall. A \$36 ladder was stolen from the west side of McGraw Hall and auto mechanic tools worth more than \$100 were taken from the service bay at the State Fleet garage.

Balch Hall was the target of several thefts which include \$360 worth of gold jewelry, \$40 in books and \$40 in cash from a wallet.

The six-inch-high aluminum letter N on the outside sign designating Noyes Lodge was stolen. Its replacement cost was set at \$48.

Two down vests worth \$140 and a calculator were taken from the coat rack at 415 Veterinary Research Tower.

A \$210 typewriter was reported taken from Room 204 at 308 Wait Ave. and \$95 in records plus a Swiss Army knife were taken from 302 Founders Hall.

Some \$150 in damage was done to two vending machines in Barton Hall during an unsuccessful attempt to break into them.

Science Resources Grants for analysis of science resources: personnel, funding, and impacts and outputs - November 14.

Woodrow Wilson National Fellowship Foundation, Women's Studies Doctoral candidates research grants - November 14.

National Endowment for the Humanities Research Conference Grants - November 15, Publication Grants - November 15.

Rome Prize Fellowships Fellowships to study in Rome - American Academy in Rome - November 15.

Department of Transportation Programs of University Research - November 3.

National Science Foundation - NATO Postdoctoral Fellowships November 3.

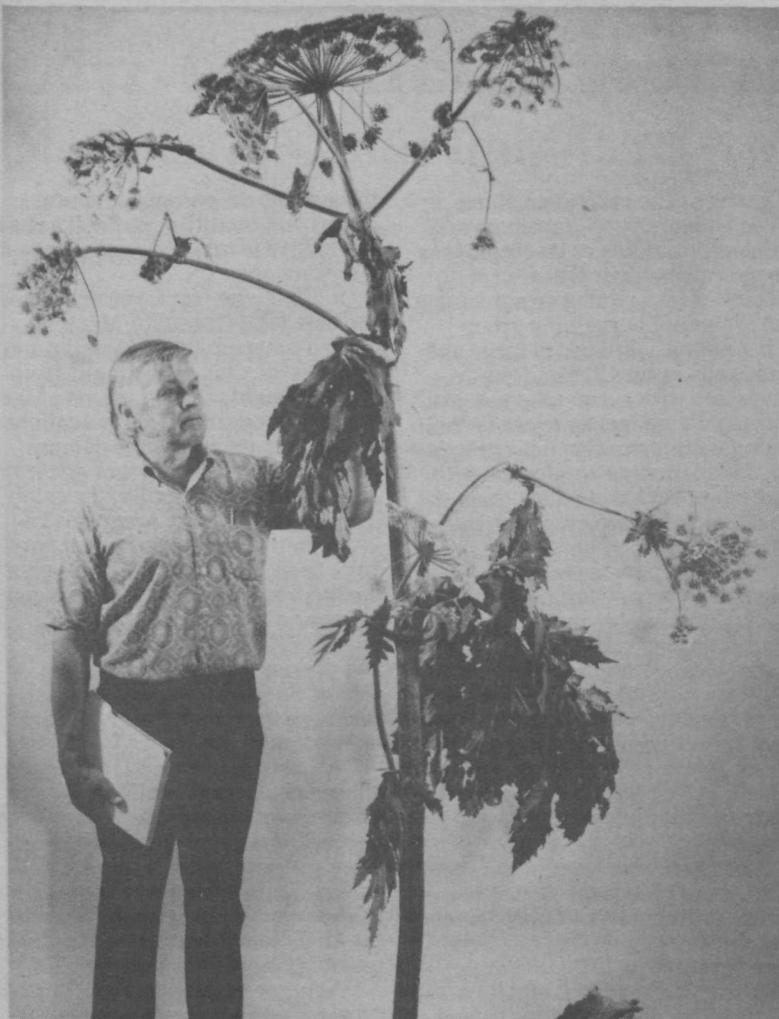
## People

George Gibian, the Goldwin Smith Professor of Russian Literature has been elected as chairman of the Department of Russian Literature for a two-year term. He succeeds Stephen Lottridge. Gibian previously served as chairman of the department for a five-year term from 1968 to 1973. In addition, Gibian was elected acting chairman of the department for 1978-79 while Lottridge was on leave from Cornell. Gibian has been a member of the Cornell faculty since 1961. Before coming to Cornell he taught at Smith College, Amherst College and the University of California at Berkeley.

Peter Katzenstein, associate professor of government at Cornell University, has been elected to a three year term as editor of "International Organization," a journal of world political and economic affairs. On Sept. 1 he succeeded Robert Keohane, a professor at Stanford University, where the quarterly has been published the past six years. The journal's editorial offices are now located at 190 Uris Hall on the Cornell campus in association with the University's Peace Studies Program of the Center for International Studies. Roger Haydon is the journal's new managing editor. Born in England, Haydon received his doctorate in American literature from the University of Essex last June.

Peter John Bruns, associate professor of genetics at Cornell University, has been elected chairman of the section of genetics and development in the division of biological sciences. The appointment, in the State College of Agriculture and Life Sciences, is for three years. Bruns is known for his research on the genetic and reproductive functions and the development of the two nuclei in a small, single-celled animal known as Tetrahymena. He has been on the Cornell faculty since 1969.

Jennifer Louise Gerner has been promoted to the rank of associate professor in the State College of Human Ecology. Gerner, in the department of consumer economics and housing, has expertise in labor economics, demography, and finance. Her major research interests lie in labor force participation, household/consumer behavior, and household production. She has been on the faculty since 1974.



Peter A. Hyypio, botanist at the State College of Agriculture and Life Sciences, examines a towering giant hogweed plant which, when touched, can cause painful skin irritation leading to severe rash and blisters. Originally from Russia, the giant hogweed found its way into New York State and now poses potentially serious hazards to public health. Hyypio believes that New York is the only area of the U.S. where the weed species is establishing a firm foothold.

## People

Sander L. Gilman, professor of German literature here and professor of Psychiatry at the Cornell Medical College, has been re-elected as chairman of the Department of German Literature for an additional year. Gilman has been chairman of the department since 1974. He has been a member of the Cornell faculty since 1969.

Gilman has written books on the German expressionist Klabund, on parodied sermons, on Bertolt Brecht, on Nietzsche and on psychiatric history. He has edited a famous 16th-century collection of proverbs and an anthology of national socialist literary theory.

Susan Jean Riha, assistant professor in the department of agronomy, has been elected the Charles Lathrop Pack Research Professor of Forest Soils. The professorship was established by the Charles Lathrop Pack Forestry Trust in 1927 to aid in the advancement of forestry by providing permanent funds to investigate problems of soil in relation to forest production. Riha joined the faculty of the State College of Agriculture and Life Sciences in April of this year as an assistant professor of forest soils.

James Webster, associate professor of music, has been elected chairman of the Department of Music for a five-year term. He succeeds Neal Zaslaw. Webster is an authority on the music of the classical period, particularly the works of Haydn. In 1977 he received the

Alfred Einstein Award of the American musicological society, for "the best musicological article published in 1976." He joined the Cornell faculty in 1971 as an assistant professor.

Carol L. Anderson, associate professor in the department of human development and family studies, has been awarded tenure by the University Board of Trustees. Anderson joined the faculty in the State College of Human Ecology in January of this year. She is also associate director of Cornell Cooperative Extension. Before coming to Cornell, she was an associate professor of child development and assistant state leader for Cooperative Extension in the home economics program at Iowa State University.

Neal R. Stamp, who represented Cornell for more than 20 years before his retirement in 1979, has been made a Life Member of the National Association of College and University Attorneys. During special ceremonies at the association's 20th annual conference in Washington, D.C., Stamp was recognized as a founder of the organization and as a leading figure in its development. He now serves Cornell as senior

counsel to the university. Stamp held every office in the 2,200-member association except secretary-treasurer, serving as its president in 1976-77.

Mandayam V. Parthasarathy, associate professor of plant biology has been elected chairman of the newly formed section of plant biology in the division of biological sciences. The appointment in the State College of Agriculture and Life Sciences is for three years. Using the electron microscope as his primary research tool, Parthasarathy's work has focused primarily on the structure and function of food-conducting cells in plants and on pathogens that normally infect such cells. A native of India, Parthasarathy received the doctorate from Cornell University in 1966.

Robert F. Lucey has been re-elected chairman of the department of agronomy in the State College of Agriculture and Life Sciences. Lucey's appointment is for five years, effective Sept. 1, and came upon completion of a similar term as chairman of the department. A professor of agronomy, Lucey has been a member of the Cornell faculty since 1961.

## A Letter of Thanks For Campaign Success

Following is the text of an open letter to all members of the Cornell community from Raymond L. Handlan, director of development:

On Friday, Oct. 17, Chairman of the Board and Campaign Chairman, Jansen Noyes, Jr., announced that the Cornell Campaign had exceeded its goal of \$230 million with still two and one-half months remaining until the end of the campaign. The campaign is over the top and going strong. The announcement of this success was met with exuberant applause from more than 500 trustees and Cornell Council members who had gathered here for the annual Trustee-Council Weekend. It was a great day for Cornell, and the success of the Cornell Campaign points up quite vividly the confidence which alumni, parents, friends of the University, corporations and foundations have in our great institution.

On Sunday, as I thought about this joyous occasion, I felt sorry that all of you could not have been present to share in the thrill of accomplishment, for it is every member of the Cornell community who has helped make this success possible.

Many of you — faculty, staff, and students — have worked to encourage campaign support. Those of you involved in this way are fully aware of the part you played. I hope we have adequately expressed our sincere thanks for the special efforts you have made for our university. But there are thousands of others of you who probably don't realize the important role you have played in this success, and it is to you particularly that I address this letter.

People do not support Cornell because of the work of the Development Office.

They support Cornell because it has an outstanding faculty — dedicated teachers and researchers, who involve themselves with their students, who take on the extra work of lecturing and visiting with alumni and friends.

They support Cornell because of the students, whose work and achievements contribute to that special feeling that is Cornell. They see in the students the future leadership of our country and the world.

They support Cornell because of the staff — staff who manage the facilities, who work in the offices, who keep the buildings clean and the campus beautiful, staff who make that extra effort to be friendly and helpful at times when we have visitors to campus. All of you who through your daily work have made Cornell the great institution it is are responsible for the success of the campaign.

It is your special caring in so many ways that has created the special feelings responsible for the gifts that have made this campaign a success. It is that special feeling that has made Cornell what it was in the past what it is today, and what it will continue to be in the future.

I imagine most of you have not looked on your work or study in this manner, but we in the Development Office do all the time, and we are grateful. As you continue your work in the future, we hope you will carry these thoughts with you and also that you will carry with you our appreciation for all you have done and will continue to do. To each of you our most sincere thanks.

Raymond L. Handlan  
Director of Development

## Saving Money on Telephone Calls

The Telecommunications Center on campus has developed a list of suggestions for saving money on telephone calls, particularly on long distance calls.

In addition to using Watsbox lines as much as possible callers should take advantage of limiting all Watsbox calls, as far as possible, to the first minute which is free. The minute starts with the first ring at the other end of the line.

Tips that apply to both Watsbox and Direct Distance Dialing (DDD) should be avoided if at all possible are:

—Dial after 5 p.m. or before 8 a.m. weekdays.

—When you reach your party's office but the person you want is out, leave word for him or her to call you back.

—A suggestion is made to originate a call before 8 a.m. and therefore seize the line for a long period for daytime transmission by

### War on Waste

Saving for Better Department Uses

computers or whatever at a rate of 60 percent less than full rate and even less than daytime Watsbox rates. This would save on tying up the Watsbox, too.

—Arrange for western people to dial before 8 a.m. and to call collect. The penalty only applies on the first (3) three minutes. Therefore a transmission may be made at about 10 a.m. or 11 a.m. here at a 60 percent reduction.

—Think before calling. Plan what you are going to say. (Cut out the Gab.)

The only Direct Distance Dialing call that has an economic advantage, other than the one mentioned above, is if the party being called has an 800 number. Call 800 555-1212 to find out (free) if the party you are calling may now have an 800 number if it is not listed in the 800 number

directories available through Telecommunications, located at the Weinhold Chilled Water Plant. The center's number is 256-1000.

If Direct Distance Dialing is used, use operator assisted calls as little as possible. These include such calls as person to person, credit card, third party charge and collect calls.

—Operator-assisted calls are charged higher rates for the first three (3) minutes.

—Person to Person calls can average 50 percent higher (in state) to 179 percent higher (out-of-state) than direct dialed calls.

—Operator-Assisted Calls can average 50 percent higher (in state) to 80 percent higher (out-of-state) than direct dialed calls.

—Penalties only apply on the first three minutes of a call. All methods of calling are the same cost per minute after the initial three minutes.

## Geology to Get New Building

Construction of a \$6 million facility to house the university's Department of Geological Sciences was authorized by trustees last weekend.

Meeting last weekend in Ithaca, trustees reviewed and approved plans for the new facility, a 45,000-square-foot structure.

Construction is expected to begin

in the spring of 1982, with completion of the project scheduled for 1983.

Research and teaching activities of the Department of Geological Sciences, which rose to a position of international prominence in the 1970s, have placed a strain on existing facilities with lectures and laboratory sessions being conducted in

four separate buildings.

Construction of the new facility will enable the department to consolidate activities in one location.

The annex is planned for the south side of Kimball Hall, one of several buildings on the university's Engineering Quadrangle.

# 'A Willingness to Work for Common Goals'

## Faculty Receive Many Notable Awards

Continued from Page 1

1980s as an extremely strong institution—not because we are immune to the forces shaping the broader context, but because we have recognized the challenges in time and, with your help, are responding decisively and effectively to them.

"There is within this University—among its faculty, students, and staff, its trustees, council members and other loyal alumni—a willingness to work, not for personal gain, but for common goals, the attainment of which are essential for our continued survival as a major university and our continued survival as a species.

"I should like to share with you this morning some of the highlights of the year past and to outline briefly our aspirations and our challenges for the future. I shall touch upon three areas—people, programs and support.

"Our faculty continues to be the heart of the enterprise—the teachers of our students, the discoverers of new knowledge, the vital links to our extension efforts. If we could do nothing else in the 1980s, it would be essential to maintain the quality of our faculty.

"That conviction has guided Cornell since its founding. Andrew D. White once remarked, 'Better a splendid and complete faculty in a barn than an insufficient faculty in a palace.' Cornell today retains a fair number of barns, along with some buildings of a more palatial nature, but the quality of the faculty, individually and collectively, continues to be a source of pride for us all.

"This year, 11 of our faculty received Guggenheim fellowships, placing Cornell among the leading institutions receiving these prestigious awards. Only Harvard and Columbia, with 13 each, had more. In all some 75 Cornell faculty from an impressive range of disciplines have received Guggenheims in the past 10 years—no small accomplishment for a university of our size.

"This year too, three faculty members—all biologists—were elected to the National Academy of Sciences. Ten of our biology faculty are now members of that academy. Another faculty member—Brian Tierney, the Bryce and Edith M. Bowmar Professor of Humanistic studies—was elected to the American Academy of Arts and Sciences.

"Three Sloan Foundation Fellowships were awarded to our faculty this year. These fellowships are particularly valuable since they support younger faculty at a critical time in their careers.

"The 1980 Wolf Prize in physics this year was shared by three scientists, including two Cornellians—Professors Michael Fisher and Kenneth Wilson. Dr. Efraim Racker, one of our most distinguished biochemists, was one of six winners of the Gairdner Foundation International Award for outstanding contributions to medical science. Sandra Bem, director of our Women's Studies Program and a faculty member in psychology, was awarded the 1980 Recognition Award for Young Scholars from the American Association of University Women.

"Cornell faculty members continue to serve the larger society, both here and abroad. Our Pulitzer prize-winning historian Michael Kammen this year is directing stud-

ies in the history of American civilization at France's most prestigious institute for advanced studies in the social sciences. And Carl Sagan delighted us last evening with a preview of his successful television series that has taken him not only beyond the walls of the university but to the frontiers of the cosmos.

"If evidence is needed that such distinguished faculty have an impact on our students, I should point out that last year two of the three Nobel Prizes in physics were awarded to Cornell alumni—Sheldon Glashow and Steven Weinberg, both Class of 1954.

"In two areas of concern to the faculty, however, our record is less impressive than we had hoped. Faculty salaries nationwide have not kept pace with inflation, and salary improvement must remain a major priority this year. We also have been less successful than last year in our hiring of women, and especially our hiring of minority faculty members.

"The Cornell faculty has become great over the years because of the ability to select and appoint individuals as new members has been decentralized. It is faculty members who choose their peers but Cornell, together with all institutions of higher education, faces serious challenges to that system in the eighties. The challenges come from the courts and from Federal and State regulatory agencies. Our experience over the last year or two has taught us that, although the regulation is directed to social ends that all of us accept and applaud, the pattern of regulation is often poorly conceived and inappropriately conducted.

"Let me be clear, however, that this is not a complaint against affirmative action programs. Nor is it a complaint against accountability to the State and Federal governments. We need to increase our affirmative action efforts as part of our search for true equality of opportunity. We need to be accountable and we need not only to make progress, but also to demonstrate that we are making progress. Traditional faculty autonomy in earlier decades produced fine faculties, but women and minorities were rarely included. But because the quality of the university depends in the end upon individual decisions made by the faculty concerning appointments and tenure in their own departments, we need to defend the right and responsibility of the faculty to make those decisions, while insuring at the same time that in making them, we are scrupulously fair, both in the procedures that we use and in the application of those procedures in particular cases.

"We have been considerably more successful this year in our efforts to attract women and minorities to Cornell as students. Our enrollment of women increased 5.2 percent university-wide, and gains were made in several areas that once were predominately male. In veterinary medicine, a college which in 1971 enrolled fewer than 3 percent women, for example, 65 percent of the first year students accepted this year were women. Minority enrollment this year increased a full 16 percent, bringing the number of minority students on campus to 1,760.

"Moreover the quality and the diversity of our student body remains impressive. The SAT scores of our enrollees continue to be well above the national average for four-year private institutions. Virtually every state and 90 nations are represented among our undergraduate and graduate students. We also have had considerable success in attracting students from the Southeast and Far West, areas in which we have active regional recruitment programs.

"And despite the projected enrollment crisis for higher education in the 1980s, Cornell this year enrolled a record number of students—415 more than we had hoped, in fact. A variety of factors, most nearly impossible to control, accounted for the increase, but we remain committed to an enrollment goal of 16,675 for the coming spring and fall 1981.

"The aggregate figures, however, mask a trend about which we are less happy. Applications to our statutory colleges have been essentially stable since 1974, whereas they have increased by 23 percent in the endowed colleges in the last three

**'We are continuing our efforts to improve the Cornell experience for all our students....'**

years. If we are to survive the projected decline of 42 percent in the college-aged population in New York State during the current decade, our statutory colleges will have to develop creative new strategies to attract more qualified students.

"We are also continuing efforts to improve the Cornell experience for all our students by addressing the quality of programs available, the quality of our faculty advising and the quality of campus life. The College of Arts and Sciences, for example, this semester has reorganized its central advising offices, published a 179-page handbook for faculty advisors and established a satellite Career Center in Goldwin Smith Hall in an attempt to personalize the advising system and improve communications.

"Guiding our efforts in these endeavors is the conviction that knowledge not shared is knowledge lost. The symbiosis of the student and the scholar is essential to the university environment, for it provides the excitement, the stimulation and the challenge essential for the best performance of both groups.

"Cornell's 5,500 employees are the third group on campus I should like to recognize this morning because without their loyal service the university could not function. As John Gardner has written, 'Democracy is measured not by its leaders doing extraordinary things, but by its citizens doing ordinary things extraordinarily well.' That is the spirit we have long enjoyed among Cornell's employees.

"During the last year we have seen intensive efforts to unionize our non-exempt staff. Cornell's employee relations policy was established some 10 years ago in a resolution adopted by the Board of

Trustees. The resolution states, 'The University will promote and protect the rights of its employees in exercising their freedom of choice before joining or not joining an organized bargaining group.' That policy continues in force and guides us in our current relationships with our employees. University Personnel Services is continuing its informational program designed to provide employees with sufficient background for them to make an informed choice on the issue of unionization.

"Turning now to programs, I am pleased to report that during the past year, the University has continued its long history of outreach—to the local community, the state, the nation and the world. This year, in particular, has been one of important initiatives on the international front, giving new credence to Adlai Stevenson's 1965 remark that Cornell's community is now the world.

"You will hear later of the success of our recent mission to the People's Republic of China and of the new dimension that this overture promises to bring to our teaching and research efforts.

"At the Medical College in New York City, our new Division of International Medicine has built upon Cornell's reputation, established over the past 20 years or so, as the foremost American university for the teaching of tropical medicine and has added vigorous research and service programs to augment its teaching.

"The division, together with the department of public health, runs the admissions ward of the hospital at Khao I Dang, a holding center in Thailand for some 110,000 Cambodian refugees. The project, which involves attending physicians, house officers, nurses and medical students from NYH-CMC, is part of an international relief effort to help these troubled people.

"The division is involved in a major study of tropical diseases in collaboration with the Universities of Bahia and Brazil in Brazil and in a study of diarrheal diseases in Haiti, projects that provide training opportunities for students as well as the promise of better health for the people of those regions. It also provides in New York City an International Health Care Service for persons planning trips abroad and for those who have become ill during foreign travel.

"Programs that focus on specific parts of the world—China and Japan, Latin America, South Asia, Southeast Asia and the Soviet Union; programs with professional emphases—international law and agriculture, for example; programs that examine international policy issues such as nutrition, population and world peace all continue to gain strength at Cornell with the support and coordinating expertise of our Center for International Studies. In the College of Agriculture and Life Sciences alone, there are currently 50 graduate students doing thesis research abroad.

"I should like now to turn briefly to support, for it is upon this consideration that our ability to maintain quality in everything else depends. You have already heard of the incredible success of the Cornell Campaign.

"That support is being translated

throughout the campus into programs and facilities that will assure our ability to maintain excellence in the years ahead.

"Let me cite just three examples, the new joint Graduate/Masters degree program in engineering and business was funded by a gift from Lester Knight; the expansion of the Writing Program which is available to all students across the campus, was supported by a further gift from Jack Knight; and finally, the establishment of two new programs relating to business and the economy have been made possible through a pledge from the Continental Group in honor of trustee Bob Hatfield, long-time chief executive officer and presently chairman of the Group. Such examples of support for these important programs are deeply appreciated.

"Around the campus, judiciously chosen construction projects, have also been made possible through the support of our alumni and friends. They reflect our commitment to safeguard our capacity for research, for teaching and to provide the kind of environment where these essential functions can take place.

"A major national center for microstructure studies on the Engineering Quad will be ready for occupancy early next year.

"Our ability to teach students will be enhanced by the new biology building on lower Alumni Field, which will be completed in December 1981; by Academic II, which we hope to build with state funds adjacent to the biology building; by a new building we are planning—financed entirely by gifts—for our expanded and revitalized Department of Geological Sciences; and by an addition to Uris Library made possible through a generous gift from Harold Uris this June. We also have high hopes for the building of a performing arts facility. We have a long way to go before that hope is realized, but a magnificent gift of \$1 million received anonymously from a special friend of the University just last month has strengthened our conviction that such a building is possible.

"We have improved student health care on campus with a \$1.3 million addition to Gannett Clinic and will provide more opportunities for on-campus housing by renovating our existing dormitories and by converting other buildings, such as Sheldon Court and the old Sage Infirmary, to student housing. We are also making excellent progress in the renovation of Goldwin Smith and Rockefeller Halls, renovations that will improve our teaching facilities and the face we present to prospective students.

"Such a program of facility upgrading and construction, ambitious though it is, is necessary, even in the steady-state situation in which the university is now operating, if we are to maintain our position of leadership both as a major research university and as an institution of the first rank for the teaching of undergraduates.

"Our success in the coming year and in the decade ahead will demand renewed emphasis on what has been termed creative frugality. We entered this year with a balanced budget for the Ithaca campus and slight surplus for the whole University for the previous year. Yet our surplus of \$900,000, large as

# 'An Uphill Battle to Live Within Our Means'

## Methods of Controlling Both Costs and Income

it seems, is less than one day's expenditure for our total university operations. And much of the improvement was due to factors of a one-time-only nature, upon which we cannot count in future years.

"Our use of energy and its cost provides a striking example of the uphill battle we face in living within our means. During the last seven years our energy use has declined, but our costs have tripled. As in other areas of University operations, we are working very hard to control our energy costs. We are, for example, rehabilitating our old hydroelectric plant on Fall Creek. After about seven years, when we recover the cost of the rehabilitation, we shall have a low-cost, inflation-proof source of electricity. Yet, as significant as the hydroplant is, it will furnish considerably less than 10 percent of our electrical needs. At our current level of usage, that will just about power Clark Hall and Olin Library. We shall still have to devise creative means to heat, light and otherwise operate the remaining 90 percent of the campus.

"Are there sources of income we have overlooked or not used fully that could change our budget situation? Let me review with you the standard approaches usually suggested.

"The first is to increase our investment income. But our investments have been remarkably productive, and we cannot hope for much improvement here. We may even expect some decline after this year's unprecedented high interest rates.

"The second suggestion is to increase tuition. But our tuition this spring will be \$6,000, the same as

that of Harvard and the University of Pennsylvania. Such high tuition poses a burden for our students. Just last week I received, via the Bursar's Office, a hand-written note: 'Dear FHT Rhodes: I hope you're happy. My little sister's operation will have to wait. Don't worry about grandmother. We'll somehow get her the oxygen she needs. Love, Richard Schrade Jr.' I suspect that Richard may have over-stated his case somewhat for effect, but the fact remains that there are real limits to the level of tuition increases.

"The third approach often suggested is to cut the number of administrative and management personnel. We have done this to the point where we are now an under-managed institution in several vital areas. We have come to realize that there is a crucial point where under-management actually causes costly inefficiency.

"The final possibility often suggested is to raise the endowment. Cornell's level of giving has increased dramatically in recent years, and we now rank among the top four private universities in the country in terms of annual gift support. Such support, much of which we owe to the generosity and efforts of the Trustees and Council members, is extremely impressive, but we must rededicate ourselves to maintaining it even after the Campaign has drawn to a close. Our endowment per student in the endowed colleges is less than 1/3 that of Harvard and Princeton, less than 1/2 that of Yale, and about 1/2 that of Rochester. To paraphrase Churchill, the Campaign is not the end; it is not even the beginning of

the end, but perhaps it is the end of the beginning.

"This then is where the University stands as it enters its first full academic year of the 1980s—with one significant omission. I have reserved comment on Cornell's status as a major research university until now because research is fundamental to our continued existence as a major national and international institution and because it is indicative of the kinds of challenges we shall face in the closing years of this century.

"I have already spoken of the symbiosis of student and scholar and the importance of that mutually stimulating relationship for both graduate and undergraduate education. I should stress further that scholar who is a seeker, working at the leading edge of his or her discipline, is best able to convey in the laboratory and in the classroom the excitement and self-renewal that come from the process of discovery.

"Last fall at the Medical Center I attended a moving ceremony honoring the memory of one of Cornell's most illustrious scientists of all time, Dr. George Papanicolaou. This great man devoted 48 years of his life, seven days a week, in partnership with his wife to the teaching and advancement of research in eukaryote cytology. Not the least among Dr. 'Pap's' many discoveries was what is now the most widely known and used test for uterine cancer, better known as the 'Pap' test. And in the courtyard of the Center stands a tree that was planted some years ago in honor of Dr. 'Pap' by his students and colleagues. The significance of

this tree is that it was grown from a seed of the tree under which Hippocrates was said to have taught his students. It is also a living reminder of the continuity of research throughout the ages, of the link between teacher and student, of man's constant search for new knowledge, and of the unremitting and disciplined patience and perseverance that it demands—qualities so well exemplified in Dr. 'Pap.'

"But the importance of research at our universities transcends the relationship between student and scholar. It extends to the larger community because it seeks — and often finds — solutions to the world's most pressing and practical problems. This too is exemplified in the world of George 'Pap' — whose basic research produced such enormous practical benefits. That tradition continues at Cornell today. At Cornell researchers are developing fungi to combat insect pests in the pastures and sugarcane fields of Brazil and in the rice paddies of Southeast Asia. They are evaluating the effects of pre-school training on the later performance of low-income children in the United States, and they are testing alternatives to asbestos in heat-resistant fabrics. They are monitoring the effects of acid rain on the environment, and they are perfecting new techniques for open heart surgery in infants.

"From assessing the psychological factors responsible for the rapid decline in Costa Rica's birth rate — research that has implications for family planning efforts in many parts of the world — to developing an inexpensive method of collecting and storing solar energy; from perfecting an easy-to-use computer system for typing Chinese characters — a system whose utility will increase as we build new bridges between East and West — to creating a synthetic gene with the potential for producing large quantities of pure, biologically active human insulin at low cost, Cornell researchers are improving the quality of life for the peoples of the world.

"Yet technical knowledge, no matter how precise, sophisticated procedures, no matter how immediately useful, are hollow feats unless they can be related, reinterpreted and reconciled with some larger world view. Our insatiable need to know is a reflection of the human species's yearning to reduce the chaos around us to order.

"We seek to understand, as has mankind since earliest times, the workings of the universe. And although we are probing more deeply than ever before — piercing with our Arecibo radio radar telescope the cloud-covered surface of Venus and finding at last evidence for the gravitational waves predicted by Einstein's general theory of relativity in the emissions of a distant pulsar — the result of our science, as Thorstein Veblen has observed, can only be to make two questions grow where one grew before.

"With our new colliding beam machine at the Wilson Synchrotron Laboratory, we are breaking matter into ever more basic components. Our verification just this year of the existence of a fifth quark is viewed by many as the most exciting recent development in particle physics and is a crucial test

of our fundamental physical theories. And yet the discoveries of recent years have left physics less sure of its foundations than in the bygone era when the atom was by definition a fundamental particle that could not be split.

"Our new national research and resource facility for submicron structures is pushing the art of miniaturization to its ultimate — with vast consequences for the microelectronics industry and the technologies it serves. But it is also pointing out to us how incomplete is our knowledge of chemistry, physics and other basic sciences as we approach dimensions more than 62 times smaller than the width of a human hair.

"Yet we continue to seek, to synthesize, to disprove as best we can Steven Weinberg's comment that the more comprehensible the universe becomes, the more pointless it seems. For to accept such a hopeless view of the human condition would be to negate the value of all our endeavors, past and present. That is why research and scholarship which is not obviously 'useful' in art, music, the humanities, and the social sciences for example, can contribute so much to our understanding and enrichment. It is such illumination that makes life meaningful.

"Barbara Tuchman has written that it was a combination of vision and compelling impulse that spurred the creation of the great Gothic cathedrals during the Middle Ages, when 'buttresses flew like angels' wings against the exterior.' "Have we lost that vision and compelling impulse in our secular and cynical age? Can any common endeavor now be proposed that seizes our hearts and wills? Can the universities — can Cornell — play a role in this?

"The University at its best stands for more than the discovery and transmission of information. It stands for knowledge, the personal knowledge that is the transforming power both for individuals and for society. And because it stands for knowledge, the University community also stands for those ancient qualities which provide the foundation for knowledge: for openness in a world of suspicion, for commitment in a world of cynicism, for patience in a world of casualness, for partnership in an age of privatism, for hope in an age of despair.

"It is not the task of members of the University to dictate meaning or to legislate purpose but it is our task to encourage individuals to seek and pursue them. It must be the task of the University community — this University — to nurture the individual, the vision, the compelling impulse; to encourage our students to weave goals of such intrinsic beauty and significance that we are united in a common cause. For, as Reinhold Niebuhr has written, 'Man is a kind of creature who cannot be whole except he be committed, because he cannot find himself without finding a center beyond himself.... The emancipation of self requires commitment.' Perhaps in the 1980s that is our greatest challenge, to teach our students not merely the facts, but to help them seek the commitment to be free.

## Campaign Over Goal

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goal, what is most important is what the funds are doing for Cornell. He cited several examples:

New endowed professorships, "program enrichment" in many departments and programs and, "most visible," new facilities:

Biological science buildings, a building for sub-micron research, renovation of several buildings in the College of Arts and Sciences, enlargement of Gannett Clinic, new artificial turf on Schoellkopf Field, an addition to Uris Library.

Kiplinger said several major gifts recently received were important in achieving the \$231.2 million total.

Among them are a \$2.5 million gift from Dudley N. Schoales to the College of Engineering, a \$1.25 million grant from a national foundation, the details of which are to be announced soon, a \$500,000 pledge from the Continental Group Foundation to endow the Robert S. Hatfield Fund for Economic Education, in honor of Continental's retiring chairman, and what was described as "a major addition" by Robert W. Purcell, former board chairman, to several million dollars in gifts made previously.

Ray Handlan, director of the Office of Development at Cornell, was unreserved in his praise of the "outstanding trustee and alumni leadership that made these outstanding results possible."



Austin H. Kiplinger as he pulls the cover off the top of the tower indicating that the campaign has gone over the top.

# Brief Reports

## Dartmouth Football Game to Be on TV

The weekend sports schedule is highlighted by the varsity football game with Dartmouth on Schoellkopf Field Saturday, which will be televised by ABC-TV.

Because of the television schedule, the game will start at 12:35 p.m., instead of the previously announced time of 1:30 p.m.

Other events on the weekend calendar include men's soccer at 8:30 p.m. Friday against Dartmouth; lightweight football at 5:30 p.m. Friday against Navy, and freshman football at 9 a.m. Saturday against Dartmouth.

## Tours of Museum Sunday Afternoons

"Sunday Afternoons at the Johnson," a program designed to give participants a chance to become acquainted with the Herbert F. Johnson Museum of Art through tours and talks by the museum staff, will be held in November.

Each session is scheduled from 3 to 4 p.m. Cost is \$5 per session or \$15 for the four-week series.

The program will begin Nov. 2 with an introduction to the museum, its collections and resources. The building tour will include "behind the scenes" areas.

"Introduction to Chinese Art," a gallery talk by Emoretta Yang, assistant curator of Asian art, is scheduled for Nov. 9.

"Aspects of Printmaking," also a gallery talk, will be given by Barbara Blackwell, assistant curator of prints, on Nov. 16.

Participants will discover the reality of illusion as well as earth artist Robert Smithson through a gallery talk, "Art Materials and Techniques," given by Wendy Owens, assistant curator, on Nov. 23.

"Sunday Afternoons at the Johnson" is being sponsored by the museum's Education Department and by the New York State Council on the Arts. For further information, call Vas Prabhu, coordinator of education, (607) 256-6464.

## Hotel School Dean Searchers Named

President Frank Rhodes has appointed a nine-member faculty committee to search for a new dean of the School of Hotel Administration. Robert A. Beck announced earlier this year that he will step down June 30, 1981 after having served as dean since 1961.

Co-chairmen of the committee are Provost W. Keith Kennedy and Vice Provost Larry I. Palmer. The other members of the committee include six hotel school faculty, and William J. Wasmuth, a professor in the New York State School of Industrial and Labor Relations at Cornell.

The hotel faculty are Vance A. Christian, Donal A. Dermody, David C. Dunn, Francine A. Herman, Mary H. Tabacchi and James C. White, who also serves as assistant dean for academic affairs at the school.

The committee will submit a number of names for the president's consideration.

Final approval of the president's

appointment will be made by the University Board of Trustees.

Beck is only the second dean of the school since it was formally established as an independent academic unit at Cornell in 1954.

Beck succeeded the late Howard B. Meek, who formed the hotel administration degree program at Cornell in 1922. Meek was named dean in 1954.

## Title IX People Here Until Friday

Representatives of an Office of Education compliance review team will be here through Friday to examine the university's compliance in intercollegiate athletics with Title IX of the Educational Amendments Act of 1972.

Anyone wishing to speak to the representatives may do so from 1 to 5 p.m. today in the Robison Hall of Fame Room in Schoellkopf Hall.

## Bronfenbrenner Gets Gothenburg Degree

Professor Urie Bronfenbrenner, international expert on child development, has received an honorary Doctor of Philosophy degree from the Faculty of Social Sciences at the University of Gothenburg in Sweden.

Bronfenbrenner is a Jacob Gould Schurman Professor of Human Development and Family Studies and professor of psychology at Cornell.

The honorary degree and insignia were awarded to Bronfenbrenner last Saturday at the annual conferring of doctoral degrees at the University of Gothenburg. He was cited for his "high professional distinction and affiliation with Gothenburg research."

## State Colleges Plan Open House

An open house for high school juniors and seniors, and their parents, is planned Saturday, Nov. 8, beginning at 9 a.m. in Bailey Hall.

The event is sponsored by State Colleges of Agriculture and Life Sciences, Human Ecology, and Industrial and Labor Relations, and their alumni associations.

In addition to a general view of Cornell and campus tours, the students and their parents can learn about financial aid and housing.

A special program for minority and other students who are eligible for educational opportunity programs will be conducted Friday night, Nov. 7, preceding the general open house.

## Transfer Potentials To Have Their Day

Students at two-year colleges will have an opportunity to learn about transfer options at Cornell during a special program Nov. 12. "Transfer Day" begins at 9 a.m. in Schoellkopf Hall on the Cornell campus.

"Transfer Day" is being sponsored by the State Colleges of Agriculture and Life Sciences, Human Ecology, and Industrial and Labor Relations, and their respective alumni associations.

Prospective transfer students will be given information about Cornell and academic programs in the three colleges. They will also be able to visit classes, hear from a student panel, and meet with faculty and staff at the university.

## Enrollment Figure Here Set at 16,961

Cornell's Ithaca campus enrollment this fall is 16,961, according to figures presented to the Board of Trustees last weekend.

The figure of 16,961 is the result of a new method of determining Cornell's Ithaca-student population, said Vice Provost Larry I. Palmer. "Beginning now, we will exclude from our enrollment count the in absentia students, persons enrolled in the university's employee degree program, part-time students, and students enrolled through off campus programs," Palmer explained. "This should yield an accurate picture of the impact of 'real' Ithaca enrollment on our on-campus facilities and programs."

This fall, Cornell has a total enrollment of 17,316. The 226 in absentia students had been subtracted from that figure when the fall 1980 enrollment of 17,090 was announced publicly earlier this month.

From that sub total, 21 employee degree candidates, 25 part-time students and 83 off campus students were subtracted, leaving 16,961 as this fall's Ithaca campus enrollment.

## Novelist Will Read From His Works

A Cornell graduate who has combined fiction writing, engineering and medicine in his career will read from his works at 4 p.m. Thursday, Oct. 23, at the Temple of Zeus in Goldwin Smith Hall.

Thomas A. McMahon, who earned a bachelor's degree in aeronautical engineering at Cornell in 1965, is the author of two novels and is a professor of applied mechanics and biology at Harvard University.

His first book, "Principles of American Nuclear Chemistry: A Novel," was written while he was a doctoral candidate at Massachusetts Institute of Technology. His second novel, "McKay's Bees," was published this year and has received considerable positive comment from critics.

Among his accomplishments in his "other life," McMahon has designed a new heart assist device and a new indoor track for Harvard, reportedly the fastest in the world.

He is now working on another novel and on a book on muscles.

## Wang Professorships Established in Math

The Department of Mathematics in the College of Arts and Sciences has been authorized to name several junior faculty members to H.C. Wang Instructorships in order to help attract young mathematicians to Cornell.

The action came at the meeting of the Cornell Board of Trustees here last weekend.

The Wang Instructorships, which are limited to non-tenure track faculty, are named to honor Hsien-Chung Wang, who died in 1978 and who was regarded as one of Cornell's most distinguished mathematicians.

Many of the most capable new doctorates in mathematics want postdoctoral experience before seeking a tenure track position, and there is "considerable competition among the best universities for

these young scholars," according to W. Donald Cooke, vice president for research at Cornell.

Several universities now have "named" instructorships or assistant professorships to attract young scholars who have exceptional promise, Cooke said. "Such appointments have acquired considerable prestige and visibility."

"The purpose of the Wang Instructorships is to acknowledge the excellence of young men and women and to remain competitive with other major universities in attracting them to Cornell," he said.

## Russian Linguist To Give Lecture

A Russian linguist who is a senior fellow at the Society for the Humanities this year will present a lecture, "Comparing Poetic Worlds," at 4:30 p.m. Monday, Oct. 27, in the Andrew D. White House.

Alexander Zholkovsky, who is presenting a seminar on the poetry of Boris Pasternak this semester at the society, will be the speaker.

He is concerned with the study of poetic language and poetic structures. In his writings he has analyzed texts from various literatures with reference to the poetic worlds they represent.

Zholkovsky was born in Moscow but has been teaching outside the Soviet Union in recent years. A year ago he was a guest professor at the University of Amsterdam. Last spring he was a visiting professor in Cornell's Department of Russian Literature.

## Bernard Travis Dead at Age 73

Bernard V. Travis, a specialist in the control of insects that affect human health and welfare, has died at the age of 73. Professor Travis passed away Oct. 12, 1980, at his home here.

Travis played a prominent role in the research and development of a series of insect repellents during World War II.

He retired from the State College of Agriculture and Life Sciences at Cornell on Oct. 31, 1972. His 23 years of distinguished service culminated in a term of 35 months as chairman of the department of entomology and were recognized officially by the University's Board of Trustees when he was awarded the title professor emeritus of medical entomology and parasitology.

## Chinese Linguist To Speak Monday

Zhu De-Xi, a leading authority on linguistics in the People's Republic of China, will give a public lecture on linguistic research in China at 4:30 p.m. Monday, Oct. 27, in Room 106 of Morrill Hall.

## Admissions Film Today and Friday

Showings of the new admissions film, "Freedom With Responsibility," are scheduled for 10 and 10:30 a.m. today and 1:30 and 2 p.m. Friday, all in Uris Auditorium.

The film was produced by the Radio-TV Film Section of the Office of University Relations.

## SAGE CHAPEL

### Lowi Will Speak On Man, Morals

Theodore J. Lowi, the John L. Senior Professor of American Institutions here, will speak at the Sage Chapel Interreligious Convocation at 11 a.m. Sunday, Oct. 26. His topic will be "Immoral Society and Moral Man?"

Lowi, who was recently selected by his peers as the nation's leading political scientist, was named to his present position in 1972. He came to Cornell after having served on the faculty at the University of Chicago from 1961 to 1965. Before that he was a member of the Cornell faculty from 1959 to 1961.

The author of several books, including "The End of Liberalism: Ideology, Policy and the Crisis of Public Authority," Lowi received his bachelor's degree in 1954 from Michigan State University. He earned a master's degree in 1955 and a doctorate in 1961 at Yale University.

Lowi is also the author of some 70 articles on a wide range of topics in political science. He has received numerous fellowships and honors, including a Guggenheim Fellowship for 1967-68, the 1962 J. Kimbrough Owen Award from the American Political Science Association and a Social Science Research Council Fellowship for 1963-64.

He has served in a professional capacity as a consultant to the National Commission on the Causes and Prevention of Violence (1968-69), as a witness before the U.S. House Foreign Affairs Committee, as a witness before the U.S. Senate Subcommittee on the Separation of Powers and as editorial adviser to several publishers.

Music will be provided by the Sage Chapel Choir under the direction of Donald R.M. Pater-son, university organist and Sage Chapel choirmaster.

### Spanish Professor To Deliver Lecture

Francisco Ruiz Ramon, professor of Spanish at Purdue University, will deliver a lecture in Spanish on "Dramatic Space in the Theater of Garcia Lorca" at 4:30 p.m. today in 277 Goldwin Smith Hall.

Ruiz Ramon has produced a long series of studies on Renaissance and modern literature, and is the author of a definitive two-volume history of the Spanish theater.

His lecture is sponsored by the Department of Romance Studies.

### Karate Team Third In National Meet

The Cornell Karate Team placed third in the National Collegiate Team Sparring Competition Oct. 11-12 in Philadelphia. The team sparring event was part of the 1980 International Shotokan Karate Federation National Tournament.

The Cornell team included John Daniel, Abigail Tenedorio, Jeff Green, Joseph Avanzato, Anne Moy, Lei Long, Gabrielle Tannar, Mark Boehem and David Daniel. Daniel is the team's Sensei Shosei.