

# Cornell Chronicle

Volume 14, Number 15

Thursday, December 9, 1982



*Joy!*

## Statutory Health Plan Session Set

An informational meeting for all employees of the statutory colleges, covering the recently enacted changes in their Health Insurance Program, will be held at 9 a.m. Tuesday, Dec. 14, in the James Law Auditorium of the Veterinary College.

Representatives of the State Finance and Business Office will discuss the changes recently negotiated between New York state and the public employee unions and answer questions about how Cornell statutory employees will be affected. The changes consist of increased benefit levels and the inclusion of features intended to contain health insurance costs.

The State Finance and Business Office urges any employee currently enrolled in the New York State Government Employees Health Insurance Program to attend. Substantial program changes may require many employees to make decisions about program options by Dec. 22. At the Tuesday meeting, employees can become familiar with the changes in benefit levels, rates, coverage, eligibility, and program administration which will become effective on Jan. 1, 1983.

To enable employees to switch options, the open transfer period has been extended through December 1982. Although printed materials will become available, next week's informational meeting will not be repeated.

## Cornell University Libraries

Schedule of Hours

\*\*Alternatives Library - see below

CHRISTMAS 1982

DATE	OLIN	URIS	MANN	AFR	BPA*	ENG'G	ENT	FINE ARTS	HOTEL	ILR	LAW	MATH	MUSIC	PHYS SCI	VET
Dec. 23 (Thurs)	8A-5P	8A-5P	8A-5P	9A-5P	8A-5P	8A-5P	9A-5P	9A-5P	8A-5P	8A-5P	8A-5P	8A-5P	9A-5P	8A-12M	8A-5P
Dec. 24 (Fri)	closed	closed	closed	closed	closed	closed	closed	closed							
Dec. 25 (Sat)	closed	closed	closed	closed	closed	closed	closed	closed							
Dec. 26 (Sun)	closed	closed	closed	closed	closed	closed	closed	closed							
Dec. 27 (Mon)	9A-5P	closed	closed	closed	closed	closed	closed	8A-12M	closed						
Dec. 28 (Tues)	9A-5P	closed	closed	closed	closed	closed	closed	8A-12M	closed						
Dec. 29 (Wed)	9A-5P	closed	closed	closed	closed	9A-5P	closed	8A-12M	closed						
Dec. 30 (Thurs)	9A-5P	closed	closed	closed	closed	closed	closed	8A-12M	closed						
Dec. 31 (Fri)	closed	closed	closed	closed	closed	closed	8A-6P	closed							
Jan. 1 (Sat)	closed	closed	closed	closed	closed	closed	closed	closed							
Jan. 2 (Sun)	closed	closed	closed	closed	closed	closed	8A-12M	closed							

INTERSESSION, Jan 3-23, 1983

DATE	OLIN	URIS	MANN	AFR	BPA	ENG'G	ENT	FINE ARTS	HOTEL	ILR	LAW	MATH	MUSIC	PHYS SCI	VET
Mon. - Fri.	*See below	8A-5P	8A-5P	9A-5P	8A-5P	8A-5P	9A-12N 1P-5P	9A-5P	8A-5P	8A-5P	*	8A-5P	9A-5P	8A-12M	*See below
Saturday	* 11A-5P	*See below	1P-5P	closed	closed	12N-5P	closed	closed	closed	closed	9A-10P	closed	closed	8A-12M	*See below
Sunday	* closed	*See below	closed	closed	closed	closed	closed	closed	closed	closed	12N-10P	closed	closed	8A-12M	*See below

\*Exceptions to Above Schedule:

Olin Library: Jan 3-21 -- Mon-Thurs 8A-10P  
(open 5P-10P for study purposes only)  
Fri - 8A-5P  
Jan 22 --- Sat - 11A-5P  
Jan 23 -- Sun - 6P-10P

Uris Library: Jan 8 -- Sat closed  
Jan 9 -- Sun closed  
Jan 15 -- Sat closed  
Jan 16 -- Sun closed  
Jan 22 -- Sat 10A-5P  
Jan 23 -- Sun 1P-12M

BPA Library: Dec 22 -- Wed - exams end. Close 5P

Law Library: Fridays during Intercession - open 8A-10P

Vet Library: Jan 3-9 -- Mon-Fri 8A-5P  
Sat-Sun closed  
Jan 10-22 -- Mon-Thurs 8A-7P  
Fri 8A-5P  
Sat-Sun closed  
Jan 23 -- Sun 7P-10P

\*\* Alternatives Library: Dec 23 -- Wed - 9A-5P  
122 Anabel Taylor Dec 24-Jan 2 -- closed  
Jan 3-23 -- Mon-Fri 9A-5P  
Sat-Sun closed

## Non-Academic Employees Get Survey This Week; Pre-Holiday Return Asked

This week most non-academic employees on the Ithaca and Geneva campuses will receive a questionnaire designed to obtain employee opinions on a broad range of topics concerning their work life in general and Cornell as an employer.

The survey will assist the university in identifying issues and concerns which are important to Cornell employees, and will provide valuable information for planning activities, according to Peggy Ulrich-Nims, director of the Office of Institutional Planning and Analysis, one of four offices sponsoring the survey. The other sponsors are the Employee Assembly, the Office of University Relations and University Personnel Services.

With regard to employee participation in the survey, Cornell requested the cooperation of the labor unions who represent groups of Cornell employees. The survey is being distributed to permanent full- or part-

time non-academic staff, with the exception of those represented by the UAW.

The questionnaire, which may be filled out during employees' working hours, should be returned to the Office of Institutional Planning and Analysis, 235 Day Hall, before the holiday vacation begins. Late questionnaires will be accepted after the holiday period.

Any permanent full- or part-time non-academic employee who does not receive the questionnaire should call that office (256-7540) to obtain one.



## Cornell Chronicle

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It is the policy of Cornell University actively to support equality of educational and employment opportunity. No person shall be denied admission to any educational program or activity or be denied employment on the basis of any legally prohibited discrimination involving, but not limited to, such factors as race, color, creed, religion, national or ethnic origin, sex, age or handicap. The university is committed to the maintenance of affirmative action programs which will assure the continuation of such equality of opportunity.

## Retirees on Non-Exempt Program To Get Increases Up to 15 Percent

Cornell retirees who receive benefits from the Retirement Plan for Non-Exempt Employees of Cornell University will receive increases in their retirement benefits, Vice President William D. Gurowitz, acting director of University Personnel Services, has announced.

The increase will range up to 15 percent, for those who retired prior to 1978.

The pension improvement provides a 1/4 percent increase for each month the employee's effective retirement date precedes Jan. 1, 1983, to a maximum pension increase of 15 percent. Anyone who had an effective retirement date prior to Jan. 1, 1978 will receive the maximum increase.

For example, former employees who retired as late as Jan. 1, 1981 would receive a 6% increase in their pension checks.

Cornell is instituting the increases because of the effects of inflation on retirees' income in recent years, Gurowitz said. He noted that these retirement plan adjustments affect only those employees who are already retired. He said these increases indicate Cornell's continuing concern for the well-being of its employees.

All retirees under this plan will receive a minimum increase of \$5 per month. The improvement takes the form of an automatic increase in pension checks beginning on Jan. 6, 1983.

## 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, 130 Day Hall. Cornell is an affirmative action employer.

**Administrative/Professional**  
Administrative Manager, Business Operations (Ornithology)  
Research Support Specialist I (Design and Environmental Analysis)  
Research Support Specialist I (Plant Pathology)  
Administrative Supervisor I (Cornell Plantations)

**Clerical**  
Office Assistant, GR18 (Summer Session/Extramural)  
Office Assistant, GR18 (A.R. Mann Library)  
Office Assistant, GR 18 (Clinical Sciences)  
Department Secretary, GR17 (Residence Life)  
Kardex Coordinator, GR20 (A.R. Mann Library)  
Office Assistant/Receptionist, GR18 (Career Center)  
Senior Records Assistant, GR18 (University Libraries—Serials/Olin)

Secretary, GR18 (Chemical Engineering)  
Nutrition Aide, GR17 (Coop. Ext., New York City) (2)

**General Services**  
Campus Bus Driver, SO20 (Campus Bus)  
Custodian, SO18 (Statler Inn)  
Animal Attendant, SO16 (Clinical Sciences)

**Technical**  
Technician, GR19 (Seed & Veg. Sci., Geneva, NY)

Technician, GR19 (Physiology)  
Pharmacy Technician, GR18 (Clinical Sciences)

**Part-time**  
Research Support Specialist II (HD&FS)  
Technical Assistant, GR17 (Poultry and Avian Sciences)

**Temporary**  
Temporary Office Assistant, T-1 (Admissions)  
Academic  
Post Doctoral Assoc. (James A. Baker Institute for Animal Health, College of Vet. Med.)

Due to the winter holiday, the last Job Opportunities issue for 1982 will be published on Dec. 22. Requisitions received after noon, Dec. 17, will appear in the Jan. 5, 1983, issue.

# Board of Trustees Adopts Changes in Membership

## Bulk of Committee Report Okayed; Some Amendments Made

Major changes in the membership of the Board of Trustees were approved by the board at a special meeting in New York City Tuesday.

The board approved the bulk of the recommendations submitted by the Ad Hoc Committee to Study the Structure and Functioning of the Board of Trustees (reprinted in Cornell Chronicle Oct. 28), as well as several amendments to those recommendations.

The amendments include:

— direct election by their constituencies of two students and one employee to seats on the board. Candidates for those seats will be selected either by nominating committees or by self-nomination. All student and employee candidates must secure 200 signatures on petitions to be eligible for election.

The Study Committee's recommendation had been that selection of trustees from among the student body be a three-step process: a slate of candidates developed by a campus-based subcommittee of the Committee on Board Membership, a student preference ballot, election by the board. The Study Committee had recommended that the trustee from among the employees be elected directly, without a nominating process.

— a sentence in the university's charter, that there shall be representatives of students, faculty, employees and alumni on the board, in addition to members from the fields of agriculture, labor and business. The Study Committee had recommended the specification of categories be included only in the bylaws.

— a seat on the board for the eldest lineal descendant of Ezra Cornell, regardless of the descendant's sex. The Study Committee had recommended that this category of board membership be eliminated.

— six elected members to serve on the Committee on Board Membership, with the additional duty of recommending individuals for committee chairs to the chairman of the board. The Study Committee had recommended a four-member committee.

The approved recommendations that change the university's state-granted charter must be passed by the New York State Legislature.

The board approved all three aspects of the Study Committee recommendations that were before it on Tuesday: membership, the principle of non-voting, non-board members on board committees, and the establishment of the Committee on Board Membership.

The Board Study Committee now plans to complete its work and file its final report at the meeting of the full board Jan. 28-29, 1983 in New York City.

The final report is expected to include:

- Revised recommendations for the membership compositions and mandate of all standing committees of the board, accompanied by implementing bylaw proposals.

- A statement concerning relationships between the board and the president.

- Proposals for clarifying and amplifying delegations of authority to the administration and improving board meeting agendas.

- Statements concerning relationships between the board and the faculties, the student body, non-academic personnel and outside constituencies, respectively.

Board chairman Jansen Noyes Jr. and Study Committee chairman Austin H. Kiplinger expressed gratification over the board's action Tuesday. They agreed that trustees had approached the meeting with open minds; that there was deliberation conducted in good spirit, that there was movement on all sides on key issues, and that the outcome was evidence of an effective board of trustees in action.



## Lee M. Snyder Jr. Is Selected Director of Personnel Services

Lee M. Snyder Jr., director of Personnel Services at Indiana University-Purdue University at Indianapolis, has been named Director of Personnel Services at Cornell, according to Senior Vice President William G. Herbster.

Snyder, whose appointment is effective Jan. 17, 1983, succeeds Gary J. Posner, who recently left the university for a position at the University of Pennsylvania.

"The (search) committee reviewed more than 500 applications and nominations and we were very impressed with the breadth of Lee's experience," Herbster said. "He comes to us with a unique combination of experience in higher education and sensitivity to the interests of individual employees."

Snyder, 45, is a graduate of Indiana University of Pennsylvania and did graduate work at The Pennsylvania State University at University Park.

He has been Director of Personnel Services at IUPUI since 1979. Before that, he was employed at Penn State on its University Park and Capitol campuses as manager, employee relations (1973-1979), regional personnel officer (1970-1973), assistant to the manager, employee relations (1968-1970), and classification analyst (1967-1968).

The search committee was made up of Herbster, chairman; Vice President for Campus Affairs William D. Gurowitz, who has also been serving as acting director of personnel services; Vice Provost Larry I. Palmer; Associate Provost Joan Egner; University Controller Jack Ostrom; Dean of the New York State School of Industrial and Labor Relations Charles M. Rehmus, and Director of Administrative Operations in the University Libraries Allan A. Lentini. Lentini served as secretary for the committee.

## Renovation Budget Increased

The Board of Trustees has approved an additional \$870,000 for the extensive renovations that have been underway for the past four years in two of the College of Arts and Sciences' key academic buildings, Goldwin Smith Hall and Rockefeller Hall.

The additional amount, which brings the total budget to \$6,920,000, opens the possibility of converting some 6,600 square feet in the ground floor areas of Goldwin Smith Hall into more usable space. This will allow an increase of 16 offices for faculty, 60 spaces for lecturers/teaching assistants, as well as three seminar rooms.

The expanded budget was approved by the Executive Committee of the Board of Trustees at its monthly meeting today (Dec. 7) in New York City. Appropriation of funds for the actual work will require subsequent votes by the board.

According to Jack W. Lowe, director of finance and administration for the College

of Arts and Sciences the renovation work is still in the preliminary planning stages. He said much of the new space would involve redesigning the gallery areas now occupied by the Temple of Zeus coffee house and the History of Art exhibition area and the archeology laboratories. However, the continuation of these functions has and will have high priority in planning the renovations, Lowe said.

There is no way of telling at this time when or even if the renovation work will take place, he added.

To date the renovations in Goldwin Smith have included construction of the Hollis E. Cornell Auditorium, the Binenkorb Admissions Center and six seminar rooms in Goldwin Smith Hall. Also, about three-fourths the total space in Rockefeller Hall has been renovated, including 40 faculty offices, 12 classrooms and 9 physics teaching laboratories.

## Indemnification Policy Approved

A policy that protects Cornell University employees (faculty and staff) in the event of certain employment-related law suits has been approved by the Executive Committee of Cornell's Board of Trustees at a meeting Tuesday in New York City.

The policy recognizes and confirms the informal understanding that the university will protect an employee, sued in an individual capacity, by reason of a negligent act or neglect which occurs in the course of employment and within the scope of the

employee's assigned duties.

The policy requires prompt notice to the University Counsel of any claim or complaint and the full cooperation of the employee in the conduct of the defense. The Office of University Counsel will provide legal representation to the employee without cost. The policy would not cover intentional wrongs and certain other acts or omissions. The full text of the resolution is available at the Office of University Counsel at 500 Day Hall.

## Summary of Trustee Actions

Actions and reports of the Executive Committee of the Cornell Board of Trustees meeting in New York City Tuesday included the following:

1. A report by President Frank Rhodes.
2. Adoption of a policy on employee indemnification. (see separate story)
3. Approval of an amended mandatory retirement policy to comply with the current provisions of the federal Age Discrimination in Employment Act. A provision of the Act permitting the mandatory retirement of tenured faculty at age 65 has been repealed. The Cornell policy was amended to be consistent with the Act.
4. Reports of the Buildings and Properties Committee by its chairman, Earl Flansburgh.

5. Reports by Vice President for Public Affairs Richard M. Ramin on the establishment of new funds for the statutory and endowed colleges and for the Medical College.

6. Approval of a series of personnel matters.

7. Approval of the minutes of the Executive Committee of Oct. 21, 1982.

8. Approval of a recommendation that the overall program budget for the Rockefeller/Goldwin Smith halls renovation be increased \$870,000.

9. Approval of a recommendation that the project budget for the Niarchos Building renovation for the Department of Anatomy at the Medical College be increased \$200,000.

# People

## Strichartz Wins Top Math Prize

Robert S. Strichartz, professor of mathematics, has won first prize in a world-wide competition among mathematicians for plans of an exhibit to be part of the National Museum of Science and Industry of La Villette being built in Paris, France.

Strichartz will receive 15,000 French francs (about \$2,000) for his winning entry which consists of four separate exhibits:

- Calculus: What is it and How did it Evolve?
  - Mathematics and Music
  - Geometry and Surfaces
  - Prime Numbers
- Strichartz said "the purpose of the ex-

## Sienko Is Winner Of Chemistry Prize

Michell J. Sienko, professor of chemistry, has been named as the 1983 winner of the American Chemical Society's Award in Chemical Education. His selection for the \$3,000 award, sponsored by Union Carbide Corp., was announced at the society's 184th national meeting in September in Kansas City, Mo.

Sienko will be cited for his influence on the teaching of chemistry throughout the world through his textbooks, which are used in high schools and colleges. Together with Robert A. Plane, former provost of Cornell University and now president of Clarkson College, Sienko is the co-author of the textbook "Chemistry," which has sold more than two million copies and has been translated into several languages. He is the author or co-author of seven textbooks, some of which are in the fifth edition, and was the co-founder and is the current editor of the Journal of Solid State Chemistry.

The award will be presented to Sienko next March at the society's national meeting in Seattle.

Sienko received his Ph.D. from the University of California at Berkeley in 1946 and joined the Cornell faculty in 1947. In 1958 he became a professor of chemistry. He has been a Fulbright lecturer, a Guggenheim fellow in France and a visiting professor in Paris and Vienna.

## Engineering Group Honors Berger

Toby Berger, professor of electrical engineering, has won the 1982 Frederick E. Terman award of the American Society for Engineering Education in recognition of "his contributions as an outstanding young electrical engineering professor." Sponsored by the Hewlett-Packard Co., the award carries with it a \$2,000 cash prize, a medal and reimbursement for travel to the ASEE's annual conference. Berger, who is 42, has been a member of Cornell's School of Electrical Engineering faculty since 1968.

Walter C. Wallace, who was graduated from Cornell Law School in 1949, has been sworn in as a member of the National Mediation Board for a term expiring July 1, 1984. Wallace, an arbitrator and attorney, joins Chairman Robert O. Harris. A third member still remains to be named. Wallace succeeded George S. Ives, who also was graduated from Cornell Law School in 1949.

T. J. Pempel, associate professor in the Department of Government has been elected professor. Pempel attended Columbia University, where he received his bachelor's degree in 1966, his master's in 1969 and his doctorate in 1972. He arrived at Cornell in 1972, and since has taught and done research in the field of Japanese politics.

hibit is to communicate some of the accomplishments of mathematics in terms that can be easily comprehended. The illustrations show aspects of mathematics that can be seen, heard or even felt. Most involve considerable interaction with the visitors.

According to the organizing group behind the competition, "The Mathematical Intelligencer" a journal, "there is a deep need throughout the world for understanding the meaning of the scientific and technological evolution which is developing so quickly." The "Musée de Science et de l'Industrie de La Villette," to open in Paris in 1985, should help the public in this respect by giving everyone access to scientific and technical knowledge."

Strichartz has been a member of Cornell's mathematics department since 1969. Before coming to Cornell, he was a North Atlantic Treaty Organization Post-doctoral Fellow at the Faculté des Sciences in Orsay, France in 1966-67, and an instructor at the Massachusetts Institute of Technology from 1967 to 1969.

He was graduated Summa Cum Laude from Dartmouth University in 1963, and received his Ph.D from Princeton University in 1966.



Richard H. Thaler, associate professor in the Graduate School of Business and Public Administration, has been awarded tenure. A behavioral scientist, Thaler joined the Cornell faculty in 1978. He has specialized in three areas of applied microeconomics: the economic evaluation of programs that save lives, the economics of crime and the organization of labor markets. More recently he has concentrated on the integration of psychological theories and evidence about human behavior into microeconomic theory.

Russell K. Osgood, associate professor in the Cornell Law School since 1980, has been awarded tenure. Osgood specializes in American legal history and federal income taxation. He teaches corporate taxation, federal income taxation, international taxation, non-profit institutions, and American legal history and is currently editor of the "Cornell Law Forum." He is a legal adviser to various charities.

Charles W. Wolfram, considered one of the leading authorities in this country on professional responsibility, has been elected professor with tenure in the Cornell Law School. Wolfram was a visiting professor of law at Cornell during the 1981-82 academic year while on leave from the University of Minnesota Law School. His book "Professional Responsibility of Lawyers," will be published next fall by the West Publishing Co.

Roger D. Way, of the Agricultural Experiment Station at Geneva, has been awarded the Wilder Medal by the American Pomological Society. Way is the current acting chairman of the station's department of pomology and viticulture and is one of the world's foremost fruit breeders. The Wilder Medal was established in 1847 by the American Pomological Society to recognize achievements in fruit breeding.

Elizabeth S. Bolgiano has been appointed assistant ombudsman. A 1946 graduate of Goucher College, Bolgiano has held several positions at Cornell, the most recent being executive staff assistant in the Division of Basic Studies in the College of Engineering. She has also held positions in the School of Industrial and Labor Relations and served (in 1977) as coordinator with the Tompkins County Democratic Headquarters.

Mary Brett deBary, assistant professor in the Department of Asian Studies, has been elected associate professor of Japanese Literature with indefinite tenure, effective Nov. 1, and chairman of the Department of Asian Studies for a five-year term, effective July 1. deBary earned her bachelor's degree in 1965 from Barnard College, master's in 1969 from Harvard University, and doctorate in 1978 from Harvard.

Fredric Victor Bogel, professor of English in the Department of English has been granted indefinite tenure. Bogel earned his bachelor's degree from Dartmouth College in 1965, and his doctorate from Yale University in 1971. He came to Cornell this year, after 13 years on the faculty at Connecticut College. Bogel specializes in 18th century literature and critical theory.

Dorothy W. Nelkin, professor of sociology and a member of the Program on Science, Technology and Society, has been named to the Board of Directors of the American Association for the Advancement of Science for a four-year term. A prolific writer on social and political issues arising from science and technology, Nelkin has been active in teaching and research at Cornell since 1963. She was graduated from Cornell's College of Arts and Sciences in 1954.

Arthur Groos, associate professor in the Department of German Literature, has been elected professor. Groos received his bachelor's degree from Princeton University in 1964, and his master's and doctorate in 1966 and 1970 from Cornell. Specializing in medieval and 18th century German literature, Groos was awarded Guggenheim, Fulbright and American Council of Learned Societies' Fellowships for study in Munich. He has served as director and graduate field representative of Cornell's Medieval Studies Program since 1974.

Jonathan Paul Tittler, assistant professor in the Department of Romance Studies, has been elected associate professor and granted indefinite tenure. Tittler received his bachelor's degree in 1967 from Hamilton College, and his doctorate degree from Cornell in 1974. Specializing in Spanish and Latin American literature, Tittler teaches a number of courses dealing with contemporary narrative fiction. He also serves as the director of undergraduate studies for Spanish in the Department of Romance Studies.

George Nickerson Clements, associate professor of linguistics in the Department of Modern Languages and Linguistics, has been granted indefinite tenure. Clements received his bachelor's degree from Yale University in 1962 and his doctorate from the University of London in 1973. His recent research has focused in the area of phonological theory. He has also done extensive work with the syntax, semantics and phonology of the Niger-Congo languages, especially Kwa and Bantu.

Vivienne Bland Shue, associate professor in the Department of Government, has been granted indefinite tenure. Shue received her bachelor's degree from Vassar College in 1967, her master's from Oxford University in 1969, and her doctorate from Harvard University in 1975. Shue's research efforts are in the field of Chinese studies and focus on village-level politics and state efforts at rural mobilization and development in China from 1949 to the present.

W. Frank Shipe, professor of food science received the 1982 Kraft Award from the American Dairy Science Association. He was cited for his "outstanding ability as an undergraduate teacher of dairy science." A faculty member in the department of food science in the State College of Agriculture and Life Sciences at Cornell since 1949, Shipe has both research and teaching responsibilities. His expertise is in the area of food quality, relating particularly to the flavor and nutritive value of dairy products.

Dr. John H. Demenkoff, a pulmonary disease specialist, has joined the clinical staff of Health Services. A 1974 graduate of Harvard Medical School, Dr. Demenkoff came to Cornell from the Robert Packer Hospital in Sayre, Pa., where he served as a pulmonary internist. He is board certified in both internal medicine and pulmonary diseases. His areas of expertise include the diagnosis and treatment of asthmatic conditions, smoking and environmentally-related lung disorders, the physiologic response to exercise and the comprehensive care of chronic pulmonary problems such as emphysema and chronic bronchitis.

## Potpourri

# Museum Modifications to Cut Energy Expenses

Extensive modification of the heating and air conditioning system at the Herbert F. Johnson Museum of Art is expected to cut annual heating costs there by 35 percent, according to William F. Albern, manager of energy management for the university.

In addition, the work scheduled for completion by the end of this month, will correct an imbalance in the humidification of the museum, so crucial for the preservation of paintings and other artifacts.

The project started in July with a total budget of \$217,500 and will result in cash savings of about \$60,000 over the first year, Albern said. It will take less than four years to pay for itself.

He said the project is an example of a number of technological improvements taking place and being planned at various university facilities as they become economically feasible.

The crucial consideration is energy costs, as compared to the installed cost for state of the art technology. The methods being used are designed to conserve energy as well as provide the specialized heating and air conditioning demands of the university's buildings, he said.

For example, the costs of modifying the heating and air control systems in the art museum can now result in direct energy savings to the university in less than four

years, in addition to improving the environment in the museum, he said.

With the changes installed now, as much as 85 percent of the heated air in the building will be recirculated requiring far less outside cold air to be introduced into the building. Under the original setup as much as 100 percent of the heated air in the building came from the outside.

The change is the result of modifying the louver system in the main heating area which uses university steam produced at the central plant off Route 366.

The modifications have also resulted in humidification control for the entire building to winter levels of from 45 to 50 percent moisture on all but the most bitterly cold days, according to Thomas Keenan, building superintendent for the museum. Previously, the third, fourth and sixth floors of the building, (used for service and office

areas) were not under humidity control, creating an imbalance in the building as a whole.

Albern said that while individual efforts by all members of the Cornell community are key aspects in the university's energy conservation and cost savings program, continued technological modifications are crucial to these efforts.

He pointed out that heat recovery exchangers, devices which heat incoming cold air with a warm exhaust air from buildings, are now up to 70 percent efficient.

They not only maintain good air quality in buildings but are energy cost savers and are being planned for installation in more campus buildings.

Units of this type were installed in the biology buildings just completed on lower alumni field, he said.

## Cornell Films Win New Awards

Two films from a new series produced here have won major awards at two festivals.

Cornell psychology professor James Maas produced and David Gluck of PhotoSynthesis directed the five-film "Human Senses Series" for National Geographic distribution to children in grades 4 through 8 throughout the world.

The film "Listen! Hear!" won the Cine Golden Eagle Film Award as the top entry in the education category of the Council of International Non-Theatrical Events. The competition annually attracts some 10,000 entries in 20 categories.

"The Cine Award is especially noteworthy because the winning films are shown throughout the world at educational meetings," Maas said.

"Learning to See" won the "Chris" plaque for the outstanding educational film at the Columbus, Ohio, Film Festival.

Both films were winners in the first festivals in which they were entered.

Other films in the Human Senses Series are titled "In Touch with the World," "A Matter of Taste" and "On the Nose."

The purpose of the series, according to Maas, is to "interest children in the psychological aspects of human sensory sys-

tems and give them a conceptual basis for learning more."

He said the series should get children thinking about such things as "how we feel warmth or cold, when do our senses develop, what's learned and what's in-born."

Maas noted that a number of Cornell faculty are working on education and teaching theories, and this film series translates their efforts into teaching through media.

He said the work of education professors Bob Gowin, Verne D. Rockcastle and Joseph J. Novak — "All experts in various aspects of teaching" — has been applied in the development of these films.

Recognition for the Human Senses Series is the latest achievement for Maas and Gluck, who have worked together on 22 films over the last 11 years.

"Cornell," a student recruitment film about the university, earned major national awards last year. Maas and Gluck gained international attention with their 1979 film on drunken driving, "Until I Get Caught," which receives some 4,000 showings per month, and will be broadcast nationally for the fifth time by the Public Broadcasting Service in December.

## Villa Banfi Expands Support

An increase in the endowment for the chair of wine education at Cornell University and an expanded program of scholarships and fellowships for students pursuing executive careers in the hotel and restaurant fields have been announced by a major wine firm.

Villa Banfi, U.S.A. of Old Brookville, N. Y., a vintner and wine importer, said the company is adding \$100,000 to a \$500,000 grant made to Cornell's School of Hotel Administration in 1979. Interest earned by the endowment underwrites a wine education chair held by Vance Christian, a member of the hotel school faculty for 21 years.

Last year the wine company established a \$200,000 scholarship/fellowship program at Cornell, which the firm now is supplementing with a \$100,000 grant.

Villa Banfi also is setting up a second scholarship fund of \$100,000 for distribution to other outstanding schools around the country.

The purpose of the various endowments is to promote greater appreciation and knowledge of fine wines, especially the latest technologies in viticulture and viniculture developed to produce what Villa Banfi describes as "the pure and natural wines of the future."

Jack Clark, dean of Cornell's hotel school, credited Villa Banfi with "unique contributions to higher education — and corporate foresight. With the federal government reducing student aid sharply, the corporate world will have to step into the breach to ensure continuity of well-educated business leaders."

Clark said interest from the Villa Banfi scholarship grants will help finance the education of five undergraduate students, the costs of a management intern at the school's Statler Inn, the tuition and expenses of a graduate teaching assistant, and eight fellowships in the 1983 summer course in Cornell's Center for Professional Development.

The summer fellowships are available to men and women currently holding lower- or middle-management positions in the hospitality industry. "Practical experience and a sincere desire to enhance one's career are the primary requisites for admission to the summer program," Clark said.

## Press Seeks New Publisher

Marilyn M. Sale, managing editor of the Cornell University Press since 1976, has been named acting director of the press while a nation-wide search is being conducted to find a successor to Roger Howley, director of the press since 1963, according to Vice Provost Larry I. Palmer.

Howley, as director of the press, held the title of University Publisher. He resigned his post earlier this fall, citing personal considerations as the reason, Palmer said. The vice provost said he thought it would be a number of months before a successor is found.

Palmer expressed "deep appreciation for Roger's many contributions to the press's well deserved reputation as one of the foremost university presses in the country. We hope to find a successor who can build on Roger's many accomplishments."

A native Ithacan and a 1949 graduate of Cornell, Howley returned to Cornell in 1963 after holding positions as editor-in-chief of The Johns Hopkins Press and senior editor with The Macmillan Co.

During his tenure as head of this nation's first university press (established in 1869) the Cornell Press has ranked among the eight largest of the approximately 100

university presses in the United States.

Under Howley's leadership, the press broke the \$2 million mark in annual sales in 1978 with more than 1,000 in-print book titles, 86 of which were new volumes that year.

Currently sales are more than \$3 million annually from a total list of some 1,200 titles. Nearly 99 percent of all sales are outside Ithaca with more than 15 percent outside this country.

The press was founded to "publish books that contribute to scholarship or the dissemination of the results of scholarship."

Palmer said he was confident Ms. Sale would be able to sustain the momentum the press has gathered over the years until a successor to Howley is found. He pointed out that she has been an integral part of the success of the press during the past decade.

She came to the press in 1971 as assistant managing editor after having worked with the University of Pennsylvania Press for several years. During her early career as an editor she was an assistant editor for the Cornell Press from 1953 to 1957. She holds a B.A. degree from Smith College and master's degree from Washington University.

## No Campus Buses over Holidays

There will be no campus bus service at the university during the Christmas holiday beginning Friday, Dec. 24 and continuing until Monday, Jan. 3, 1983, according to William E. Wendt, director of Transportation Services. The suspension of service includes the AB Local and B Lot - Collegetown buses, the Langmuir Lab service and the East Ithaca route.

The Blue Light Bus and the Blue Light Escort Service will suspend operation for the holidays and intersession at the completion of the evening's schedule on Monday,

Dec. 20. The regular Blue Light Bus schedule and Escort Service will resume on Sunday, Jan. 23, 1983.

The B lot - Collegetown bus will run on a reduced schedule from Jan. 3 through Jan. 21, eliminating the 4:15 p.m., 4:45 p.m. and 5:15 p.m. departures from Sheldon Court. University employees may park in all legal parking areas on the campus regardless of parking permit held from Dec. 24 through Jan. 2.

For further information, call the Office of Transportation Services at 256-4628.

## NET, I-D Buses on Holiday Schedules

The North-East Transit (NET) holiday bus schedule will go into effect Monday, Dec. 20 and continue through Friday, Jan. 21, according to William E. Wendt, director of Transportation Services.

The two regular routes which service the Cornell campus and the Ithaca Commons, will be consolidated into one route during intersession. The normal two-route service will resume on Monday, Jan. 24, 1983.

The NET will provide service on Friday, Dec. 24 and 31.

Wendt said the Ithaca-Dryden Transit will operate on an abbreviated schedule

Thursday, Dec. 23, 1982 through Friday, Jan. 14, 1983.

There will be three runs each morning from TC3/Dryden to Cornell and Ithaca. The bus will leave TC3 at 7:43 a.m., 9:17 a.m. and 10:37 a.m.

Departures from Cornell in the afternoon from the Dryden area will be from Day Hall at 3:48 p.m. and from Uris Hall at 5:27 p.m. and 6:50 p.m.

For further information, call the IDT office at 274-5286 or the Office of Transportation Services at 256-4628.



# Calendar

All items for publication in the Calendar section, except for Seminar notices, must be submitted (typewritten, double-spaced) 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 WILL BE STRICTLY ENFORCED.

\*—Admission charged.

## Announcements

### Journal Editors and Staffs

All those involved in the publication of scholarly journals at Cornell are invited to meet one another at a wine and cheese party Thursday, Dec. 9, from 5-7 p.m. in room 218 Goldwin Smith Hall. If you plan to attend, please call Helen Taylor-Way, 256-5000, or Barbara Marshment, 256-7403.

### Friday

Dec. 10, 9:30 p.m. \*High Rise 5 Penthouse. "A Night in the Islands Party" sponsored by West Indian Students Assoc. and Haitian Club.

### Laundry Open House

The department of General Services Laundry, located at 120 Maple Ave., will sponsor an open house 9 a.m.-3 p.m. Wednesday, Dec. 15. The Cornell Community is invited to attend and view the new equipment that was recently added and possibly consider future service(s) available for individual department needs. For further information, contact Debbie Roeske, 256-5343.

### Brown Bag Luncheon

There will be a brown bag luncheon for employees at noon, Tuesday, Jan. 4, in 202 Uris Hall. Representatives from the Cornell Recreation Club and Kathy Bierce from Gulliver's and David Griffin from the Divi Divi Hotel Corp. will be on hand to provide information about the CRC-sponsored trip to Aruba scheduled for May 6-13.

### Thurs.-Sat.

Dec. 9-11, 10 a.m.-6 p.m. Willard Straight Memorial Room. 12th Annual Holiday Craft Fair sponsored by the Willard Straight Hall Pot Shop and the Robert Purcell Union Craft Studio.

## Colloquium

### Thursday

Dec. 9, 4:30 p.m. Space Sciences 105. Astronomy and Space Sciences: "The Perseus Supercluster," Dr. Paolo Vettolani, Istituto di Radioastronomia, Bologna, Italy.

## Dance

### Dance Concert

Peggy Gaither, Karen Bell and guests will present a dance concert at 8:15 p.m. Thursday and Friday, Dec. 16 and 17, in the Drummond Theatre in Lincoln Hall. Admission is \$3 at the door.

The concert will premier two works by Bell: a solo entitled "Sometimes I Just Can't Help It, But I Just Want To Go Home, To Go To Bed and Watch TV and Quit Trying So Hard," and a new duet for Bell and Gaither. They will also perform "White Bucks," a toe tapping, high energy dance with an original music score by Tom Herman.

Gaither's choreography will include "Absent Without Leave," a playful duet for her and Bell, and "Standby," which will be performed by Claudia Brand, Vincent Hardy, Peggy Lawler, Joyce Morgenroth, Sue Penney and Cynthia Watts. Both of these pieces will be accompanied by sound collages arranged by Gaither.

Gaither will also perform "Peg's Journey," a hauntingly beautiful piece choreographed by Jane Unger and set to music by Jan Hammer.

Gaither is presently a visiting artist in the Cornell Dance Program. She has held residencies in university throughout the United States as a performer, teacher and choreographer and has toured the United States and United Kingdom with several dance companies, including her own.

Bell is known in the Ithaca area as a choreographer and performer with the Ithaca Dancemakers. She taught at Cornell and Wells College before taking her present position on the dance faculty at the Ohio State University.



Peggy Gaither will be one of the dancers in concert next Thursday and Friday in Drummond Theater of Lincoln Hall.

### Thursday & Friday

Dec. 16 & 17, 8:15 p.m. \*Drummond Studio Lincoln Hall. Dance Concert by Peggy-Gaither-Karen Bell and guests. The concert will consist of solo works and duets by Gaither and Bell and a group piece by Gaither entitled "Standby" to be performed by six dancers from the Cornell and Ithaca community.

## Exhibits

Olin Library Wyndham Lewis, 1882-1957; A Centennial Salute. A comprehensive exhibit of the world's finest collection of the art, manuscripts and books of Wyndham Lewis, one of the founders of Vorticism. Through December.

Uris Library Polish 16th and 17th Century Woodcuts, researched and collected by Mary Kelly of Cortland Community College. Through December.

Herbert F. Johnson Museum "Danish Ceramic Design" through January 30; "Art Department: Faculty Exhibition" through January 30. Also on view: "French Posters"; "19th Century French Prints"; "Woodcuts and Engravings by Albrecht Durer"; and "American Works on Paper." Museum hours 10 a.m.-5 p.m. Tuesday through Sunday.

## Films

Unless otherwise noted films are under sponsorship of Cornell Cinema.

### Thursday

Dec. 9, 8 p.m. \*Uris Hall Auditorium. "Dementia 13" (1963), directed by Francis Ford Coppola, with Patrick Magee, Luana Ancers.

### Friday

Dec. 10, 8 p.m. Riskey Music Room. Riskey Free Film Series: "Steroid Night" (The Wrestling Women vs. Dr. Death & Glenn or Glenda: I changed my sex). Funded in part by SFC.

Dec. 10, 9:30 p.m. \*Uris Hall Auditorium. "Tragedy of a Ridiculous Man" (1981), directed by Bernardo Bertolucci, with Ugo Tognazzi, Anouk Aimee.

Dec. 10, midnight \*Uris Hall Auditorium. "Over the Edge" (1979), directed by Jonathan Kaplan, with Matt Dillon, Michael Kramer, Pamela Ludwig.

### Friday & Saturday

Dec. 10 & 11, 8 p.m. \*Statler Auditorium. "Reds" (1981), directed by Warren Beatty, with Warren Beatty, Diane Keaton, Jack Nickolson, Maureen Stapleton.

### Saturday

Dec. 11, 10:30 p.m. \*Uris Hall Auditorium. "Over the Edge."

### Sunday

Dec. 12, 2 p.m. \*Uris Hall Auditorium. "Miracle on 34th Street" (1947), directed by George Seaton, with Maureen O'Hara, Edmund Gwenn, Natalie Wood. Co-sponsored by the Ithaca Youth Bureau.

Dec. 12, 8 p.m. \*Uris Hall Auditorium. "Midnight Cowboy" (1969), directed by John Schlesinger, with Jon Voight, Dustin Hoffman, Sylvia Miles.

### Monday

Dec. 13, 9 p.m. \*Uris Hall Auditorium. "Paris Belongs to Us" (1958), directed by Jacques Rivette, with Betty Schneider. Film Club members only.

### Tuesday

Dec. 14, 8 p.m. \*Uris Hall Auditorium. Early Animation Emil Cohl, McCoy, Fleischer, Fischinger. A selection of old favorites.

### Wednesday

Dec. 15, 8 p.m. \*Uris Hall Auditorium. "Assault on Precinct 13" (1977), directed by John Carpenter, with Austin Stoker, Darwin Jorton.

### Thursday

Dec. 16, 8 & 9:45 p.m. \*Uris Hall Auditorium. "Duel" (1971), directed by Steven Spielberg, with Dennis Weaver.

### Friday

Dec. 17, 7 & 9:15 p.m. \*Uris Hall Auditorium. "Circle of Deceit" (1982), directed by Volker Schlöndorff, with Bruno Ganz, Hanna Schygulla.

Dec. 17, 7 p.m. \*Statler Auditorium. "Road Warrior" (Mad Max II), directed by George Miller, with Mel Gibson.

Dec. 17, 11:30 p.m. \*Uris Hall Auditorium. "Mad Max" (1979), directed by George Miller, with Mel Gibson.

### Saturday

Dec. 18, 7 p.m. & midnight \*Uris Hall Auditorium. "Mad Max" (1979).

Dec. 18, 9 p.m. \*Uris Hall Auditorium. "Circle of Deceit" (1982).

Dec. 18, 10 p.m. \*Statler Auditorium. "Road Warrior" (Mad Max II).

Cornell Cinema will have its last show for 1982 on Dec. 18, and will reopen with a lively January schedule beginning January 16.

## Lectures

### Thursday

Dec. 9, 12:20 p.m. 102 West Ave. Southeast Asia Thursday Luncheon Seminar: "The Agro-Ecological Mythology of the Javanese," Dr. Michael Dove, Research Fellow. Bring your lunch, coffee and cookies provided.

Dec. 9, 7:30 p.m. Stimson G-1. Jordani: Natural History Society Lecture.

Dec. 9, 8 p.m. Goldwin Smith Hollis Cornell Auditorium. "The Acid Precipitation Issue: Scientific Uncertainties and the Development of Public Policy." Sponsored by The Environmental Planners of Cornell.

## Meetings

### Tuesday

Dec. 14, 7:30 p.m. Kimball 212. Monthly meeting of Cornell Railroad Historical Society. Anyone with an interest in railroading is invited.

## Music

### Handel's Messiah Opened Reading

Risley Residential College invites all musicians and music-lovers to its 12th annual Opened Reading of Handel's Messiah on Saturday, December 11 at 8:15 p.m. in the Risley Dining Hall. Instrumentalists, please bring your music stand. Come enjoy the music, the refreshments and the holiday spirit.

### Thursday

Dec. 9, 8:15 p.m. Barnes Hall. Cornell Council of the Creative and Performing Arts Concert: Verdehr Trio. Works of Husa, David, Freund, Einfeldt, Bassett. (Contemporary Music Festival).

### Sunday

Dec. 12, 8:15 p.m. Sage Chapel. Sage Chapel Choir Christmas Program directed by Donald R.M. Paterson. Admission charged.

### Monday

Dec. 13, 8:15 p.m. \*Sage Chapel. Sage Chapel Choir Christmas Program directed by Donald R.M. Paterson.

### Thursday

Dec. 16, 8:15 p.m. Anabel Taylor Founders Room. CRESF sponsored concert: "Warm Songs for a Winter's Night," Mark Klempner, singer, songwriter and guitarist.

DECEMBER						
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## Religious Activities

### Sunday

Dec. 12, 5-8 p.m. Anabel Taylor Edwards Room. Israeli Students Organization Hannukah Party.

### Monday

Dec. 13, 8 p.m. Young Israel House. Hillel/Young Israel Hannukah Party.

### Tuesday

Dec. 14, 4:15 p.m. Anabel Taylor G-34. "What is Halacha?"

### Wednesday

Dec. 15, 8 p.m. Temple Beth-El, Tioga and Court Sts. "Basic Judaism."

## Religious Services

### Friday

Dec. 10, 5:30 p.m. Anabel Taylor Founders Room. Shabbat Services (Conservative/Egalitarian).

Dec. 10, 5:30 p.m. Anabel Taylor Chapel. Shabbat Services (Reform). Light the first Hannukah candle tonight before the Sabbath candles.

### Saturday

Dec. 11, 9:15 a.m. Anabel Taylor Edwards Room. Shabbat Services (Orthodox).

Dec. 11, 9:15 a.m. Anabel Taylor Founders Room. Shabbat Services (Conservative/Egalitarian). Light the second Hannukah candle tonight after Havdallah.

### Sunday

Dec. 12, 11 a.m. Sage Chapel. Service: W. Jack Lewis, Director Emeritus, Cornell United Religious Work.

### Tuesday

Dec. 14, 8 p.m. One World Room, Anabel Taylor Hall. Pre-Christmas Mass.

### Sunday

Dec. 19, 11 a.m. Sage Chapel. Service: Gurdon Brewster, Episcopal Chaplain, Cornell.

### Friday

Dec. 24, 5 p.m. 1 Anabel Taylor Chapel, Catholic Mass.

### Friday

Dec. 24, 11:30 p.m. Anabel Taylor Chapel, Catholic Mass.

### Every Sunday

5 p.m. Anabel Taylor Auditorium, Catholic Mass.

## Seminars

Biochemistry: "Recording of Currents Flowing Through Single Channels in Nerve and Muscle Cells," Erwin Neher, Max Planck Institute for Biophysical Chemistry, Göttingen, West Germany, 4:30 p.m. Friday, Dec. 10, 204 Stocking Hall.

Biological Sciences: "The Pathogenesis of Hip Dysplasia and Osteoarthritis in Dogs," George Lust, 2 p.m. Thursday, Dec. 9, 828 Veterinary Research Tower.

Biophysics: "Resonance Raman of Transient Acyl-enzyme Intermediates," Andrew Storer, National Research Council, Ottawa, 4:30 p.m. Wednesday, Dec. 15, 700 Clark Hall.

Ecology & Systematics: "Oikos Reconsidered: Dynamics of Energy and Materials in Our Dominant Ecosystems," Charles A.S. Hall, 4:30 p.m. Wednesday, Dec. 15, Morison Seminar Room, Corson Hall.

Floriculture and Ornamental Horticulture: "Orchid Hybridization," Grace Price, 12:15 p.m. Thursday, Dec. 9, L.H. MacDaniels Lecture Room, 37 Plant Science.

General Chemistry: "Toward a Spectroscopy of Transition States," John C. Polanyi, University of Toronto, 4:40 p.m. Thursday, Dec. 9, 119 Baker Lab.

Geological Sciences: "Romda and the Bowels of the mid-Atlantic Ridge," J. Dickey, Syracuse University, 4:30 p.m. Tuesday, Dec. 14, 205 Thurston Hall.

Geological Sciences: "Mediterranean Tectonics," J. Channel, Lamont, 4:30 p.m. Thursday, Dec. 16, 205 Thurston Hall.

Geological Sciences: "East African Rifts," B. Rosendahl, Duke University, 4:30 p.m. Monday, Dec. 20, 205 Thurston Hall.

JUGATAE: "Present Status of Laboratory Colonization of Blackflies," Michael J. Bernardo, 4 p.m. Monday, Dec. 13, 100 Caldwell.

Materials Science and Engineering: "Properties of Interstitials in Sn," R.W. Smith, Queen's University, 4:30 p.m. Thursday, Dec. 9, 14 Bard Hall.

Microbiology: "Ecology of *Vibrio cholerae*

# Graduate Bulletin

Graduate students are reminded that the working schedule is somewhat limited during the holidays. Any Admission to Candidacy Examinations or Final Examinations to be held during the week of January 3 should be scheduled by 4:00 p.m. Friday, December 17 to allow ample notification of the field concerned.

The deadline for completion of all requirements for a January degree is January 14, 1983. There will be no exceptions granted.

Applications for 1983-84 Cornell Graduate Fellowships for continuing graduate students are available at the Fellowship Office and at the office of your graduate faculty representative. All Cornell students matriculated in the Graduate School are eligible to apply. Recipients must be registered full-time with the Graduate School throughout their fellowship tenure. Graduate School Fellowships for continuing students are usually awarded for one academic year. This application should be used for consideration for all fellowships awarded by the Graduate School (Sage Graduate Fellowships, Cornell Graduate Fellowships, Three-year Teaching Fellowships, fellowships from restricted income accounts). To insure consideration by your field for one of these awards, completed applications and letters of reference should be submitted to your graduate faculty representative by **January 28, 1983**.

Applications for 1983-84 Higher Education Act-Title VI/National Resource Fellowships are available at the Fellowship Office. The NRF program was established to train personnel in modern foreign languages and related area studies. Applicants must be citizens or permanent residents of the U.S. who have earned a baccalaureate or comparable degree prior to the start of the fellowship and who plan to pursue full-time graduate study during the entire award period. People may apply to Cornell for advanced language training and related area studies training in the following world areas: East Asia, East Europe and Russia, Latin America, South Asia, and Southeast Asia. The deadline to submit completed applications to the Fellowship Office is **January 28, 1983**.

Graduate and Professional School Financial Aid Statements (GAPSFAS) for 1983-84 will not be available until mid-January, 1983. Graduate students who plan to apply for need-based financial aid (loans and/or work-study for summer 1983 and/or the 1983-84 academic year should contact the Office of Financial Aid, 203 Day Hall,

or the Fellowship Office, 116 Sage Graduate Center at the beginning of the spring term for further information.

January stipend checks for fellowship and traineeship recipients will be available beginning Monday, January 3, 1983. Graduate students who must be away from campus at that time may arrange to have this check mailed to them. A stamped, self-addressed, legal-sized envelope should be brought to the Fellowship Office by December 23, 1982. Checks will be mailed during the week of January 3. No advances will be processed on January checks.

Fellowship recipients are reminded that the January stipend check represents the first payment of the spring 1983 term. Any student who receives a January check and subsequently fails to register for the spring 1983 term will be fully liable for the value of the check and will be billed through the Bursar's Office.

Grants for Improving Doctoral Dissertation Research are available from the National Science Foundation. Applicants must be enrolled at a U.S. institution and must be conducting doctoral dissertation research in the environmental, behavioral, neural, or social sciences. The grants are intended to provide funds for items not normally available from the student's university or from other sources. Examples of allowable expenses are: research-related travel, specialized research equipment, supplies, sample survey costs, and payments to subjects or informants. Up to six months should be allowed for the processing of the application by the NSF. Proposals must be submitted through the Office of Sponsored Programs, 123 Day Hall.

Check the Fellowship Notebook at your graduate faculty representative's office for information on the awards whose deadlines are listed below. Unless otherwise stated, applications must be obtained directly from the sponsoring organization.

**Dec. 10: Belgian-American Educational Foundation, Inc. (BAEF) Fellowships for Advanced Study at Belgian Universities** — Applicants from Cornell must apply through the Fellowship Office, 116 Sage Graduate Center. Only one candidate may be submitted for consideration to the BAEF. Applications are available at the Fellowship Office.

**Dec. 15: Ira Kay Memorial Research Grant in Computer Simulation** — Write to the Grants Chairman, Dr. W. Marvin Bunker, General Electric Co., P.O. Box 2500, Room 4337, Daytona Beach, FL 32015.

**Dec. 15: The Metropolitan Museum of Art-Theodore Rousseau Fellowships** — Write to the Secretary of the Grants Committee, The Metropolitan Museum of Art, Fifth Avenue and 82nd Street, New York, NY 10028.

**Dec. 15: Damon Runyon-Walter Winchell**

**Cancer Fund** — Write to the Research Department, The Damon Runyon-Walter Winchell Cancer Fund, 33 W. 56th Street, New York, NY 10019.

**Dec. 31: Honeywell Futurist Awards Competition** — Competition "blue books" may be obtained by writing to the Official Futurist Blue Book, Honeywell Futurist Awards Competition, P.O. Box 9017, St. Paul, MN 55190.

**Dec. 31: National Wildlife Federation Environmental Conservation Fellowship** — Write to the Executive Wildlife Federation, 1412 Sixteenth Street, Washington, DC 20036. Several applications are available at the Fellowship Office.

**Dec. 31: Alan T. Waterman Award** — Nomination forms are available at the Career Center. Nominations should be submitted to the Alan T. Waterman Award Committee, National Science Foundation, Washington, DC 20550.

**Jan. 1: Business & Professional Women's Foundation Fellowships and Grants** — write to the Business & Professional Women's Foundation, Inc., 2012 Massachusetts Avenue, N.W., Washington, DC 20036.

**Jan. 1: Amelia Earhart Fellowship Award** — write to Zonta International, 35 East Wacker Drive, Chicago, IL 60601.

**Jan. 1: National Consumer Affairs Internship Program** — write to National Consumer Affairs, Internship Program, Box 40445, Tucson, AZ 85717.

**Jan. 1: U.S. Department of Energy Summer 1983 Nuclear Engineering Institute** — write to Argonne Division of Educational Programs, Nuclear Engineering Institute, 9700 South Cass Avenue, Argonne, IL 60439.

**Jan. 7: Charlotte W. Newcombe Doctoral Dissertation Fellowships** — write by December 24 to Newcombe Fellowships, Woodrow Wilson National Fellowship Foundation, Box 642, Princeton, NJ 08540.

**Jan. 10: Graphic Arts Technical Foundation National Scholarship Trust Fund** — write to the National Scholarship Trust Fund, Graphic Arts Technical Foundation, 4615 Forbes Avenue, Pittsburgh, PA 15213.

**Jan. 14: Phillip Morris Marketing Communications Competition** — write to the Competition Coordinator, Corporate Affairs, Phillip Morris Incorporated, 120 Park Ave., New York, NY 10017.

**Jan. 14: National Research Council/Ford Foundation Postdoctoral Fellowships for Minorities** — applications are available at the Fellowship Office; submit application to the Fellowship Office, National Research Council, 2101 Constitution Avenue, Washington, DC 20418.

**Jan. 15: Association for Women in Science, Inc. Awards** — write to the Association for Women in Science, Inc., 1346 Connecticut Avenue, N.W. Suite 1122, Washington, DC 20036.

**Jan. 15: Bryn Mawr College Andrew W. Mellon Postdoctoral Fellowship** — write to Dean Barbara M. Kreutz, Graduate School of Arts & Sciences, Bryn Mawr College, Bryn Mawr, PA 19010.

**Jan. 15: National Research Council Research Associateships** — write to the Associateship Office, National Research Council, 2101 Constitution Avenue, N.W., Washington, DC 20550.

**Jan. 15: The Newberry Library Post-Doctoral Residencies** — write to the Committee on Awards, The Newberry Library, 60 West Walton Street, Chicago, IL 60610.

**Jan. 15: Mary Isabel Sibley Fellowship** — write to the United Chapters of Phi Beta Kappa, 1811 Q Street, N.W., Washington, DC 20009.

**Jan. 15: The Smithsonian Fellowships** — write to the Office of Fellowships and Grants, Smithsonian Institution, Room 3300, L'Enfant Plaza, Washington, DC 20560.

**Jan. 15: Tinker Foundation Postdoctoral Fellowship Program** — write to The Tinker Foundation, Inc., 645 Madison Avenue, New York, NY 10022.

**Jan. 15: University of Pittsburgh Andrew W. Mellon Postdoctoral Fellowships** — write to the University of Pittsburgh, Andrew Mellon Postdoctoral Fellowship, Director of Graduate Programs, FAS, 910 Cathedral of Learning, Pittsburgh, PA 15260.

**Jan. 28: University of Edinburgh Institute for Advanced Studies in the Humanities** — write to Professor David Daiches, University of Edinburgh, Institute for Advanced Studies in the Humanities, 12 Buccleuch Place, Edinburgh EH8 9LN, United Kingdom.

**Jan. 31: Josephine de Karman Fellowship Trust** — write by January 15 to Mr. T.E. Beehan, Secretary, Fellowship Committee, Josephine de Karman Trust, c/o Aerojet-General Corporation, 10300 North Torrey Pines Road, La Jolla, CA 92037.

**Jan. 31: Ford Foundation Fellowship Program in Combined Soviet/East European and International Security Studies** — write to Mr. Charles W. Thomas, Administrative Director, Soviet/East European and International Security Program, Box 53, International Affairs Building, 420 West 118th Street, New York, NY 10027.

and Related Estuarine and Deep-Sea Vibrio Species," Rita R. Colwell, University of Maryland, 4:30 p.m. Thursday, Dec. 9, 124 Stocking.

**Microbiology:** "Nonmotile Mutants of the Gliding Bacterium, Cytophaga johnsoniae Have Multiple Cell Surface Related Defects," 4:30 p.m. Thursday, Dec. 16, 124 Stocking Hall.

**Natural Resources:** "Religion and Public Policy in Agriculture and Environment," Richard Baer, 4 p.m. Thursday, Dec. 9, 304 Fernow.

**Nutrition:** "Ascorbic Acid, Vitamin A, and Their Relationship to Iron Nutritional Status in the Philippines," Juan Aguilar, 4:30 p.m. Monday, Dec. 13, 100 Davage Hall.

**Neurobiology and Behavior:** "Harem Polygyny and Kin-Directed Infanticide in Black-Tailed Prairie Dogs," John Hoogland, Princeton University, 12:30 p.m. Thursday, Dec. 9, Morison Seminar Room, Seeley G. Mudd Hall.

**Operations Research:** "Hamiltonicity in (0-1) Polytopes and Pancyclic Properties of Some Subclasses of (0-1) Polytopes," Denis Naddef, University of Waterloo (Canada), 4:30 p.m. Thursday, Dec. 9, 315 Upson.

**Organic/Inorganic Chemistry:** "Titanium-Induced Dicarboxyl Coupling Reactions," John E. McMurry, 8:15 p.m. Monday, Dec. 13, 119 Baker Laboratory.

**Personnel Services:** "Clinic in Specialized Skills," Margaret Seacord, administrative supervisor, CRSR; Pat Holland supervisor, word processing center; Mariann Carpenter, user support specialist, 12:15 p.m. Tuesday, Dec. 14, 202 Uris Hall. Part of the continuing Cornell Careers seminar series.

**Physiology:** "Protein Kinases and the Cancer Problem," Efraim Racker, 4:30 p.m. Tuesday, Dec. 14, G-3 Vet. Research Tower.

**Poultry Biology:** "Suppressor and Helper T Cells in the Immune Response of the Chicken," G.J. Thorbecke, New York University School of Medicine, 4:30 p.m. Thursday, Dec. 9, 300 Rice Hall.

**Toxicology:** "Chemically Reactive Metabolites Derived from Bromobenzene: Intracellular and Extracellular Formation of Decomposition Products," James Gillette, National Heart and Lung Institute, Bethesda, MD., 12:20 p.m. Friday, Dec. 10, 100 Savage Hall.

**Vegetable Crops:** "Some Ways to Avoid Mistakes in Research," Arthur J. Pratt, 4:30 p.m. Thursday, Dec. 9, 404 Plant Science Bldg.

**Vet. Diagnostic Lab.:** "Needs and Opportunities for Vet Medicine in Latin America," Dr. Pedro Acha, 9:05 a.m. Thursday, Dec. 9, D-215 Schurman Hall. Dr. Acha will also speak at 4 p.m. that day on "Veterinarian and Animal Disease in Latin America" in Room G-3 Vet. Research Tower.

## Sports

### Friday

Dec. 10, 7:30 p.m. Oxley Polo Arena. Men's Polo-Culver Military Academy.

Dec. 10, 7:30 p.m. Teagle. Men's Wrestling-St. Lawrence.

### Saturday

Dec. 11, 8:15 p.m. Oxley Polo Arena. Men's Polo-Culver Military Academy.

### Sunday

Dec. 12, 1 p.m. Teagle. Men's Swimming-Columbia.

Dec. 12, 7:30 p.m. \*Lynah Rink. Men's Hockey-Harvard.

### Monday

Dec. 13, 3:30 p.m. Helen Newman. Women's Bowling-Elmira.

### Monday

Jan. 3, 8 p.m. \*Barton. Men's Basketball-Canisius.

### Friday

Jan. 7, 6 & 8 p.m. Barton. Cornell Invitational Women's Basketball.

### Saturday

Jan. 8, 1 p.m. Teagle. Men's Swimming-Navy.

Jan. 8, 4 p.m. Helen Newman. Women's Swimming-Bucknell.

Jan. 8, 6 & 8 p.m. Barton. Cornell Invitational Women's Basketball.

### Tuesday

Jan. 11, 6 p.m. Barton. Women's Basketball-St. Lawrence.

Jan. 11, 8 p.m. Barton. Men's Basketball-Niagara.

## Theater

Thurs. through Sun.

### Saturday

Dec. 11, 8:15 p.m. Lincoln Drummond Studio. Theatre Cornell Dance Laboratory.

### Sunday

Dec. 12, 2:30 p.m. Lincoln Drummond Studio. Theatre Cornell Dance Laboratory.



The internationally-known Verdehr Trio will appear in concert at 8:15 p.m. today in Barnes Hall. Sponsored by the Cornell Council of the Creative and Performing Arts and the Festival of Contemporary Music Committee, the concert is free and open to the public. Trio members are (from left) Walter Verdehr, violin; Gary Kirkpatrick, piano; Elsa Ludwig-Verdehr, clarinet.

# Research Here to Cut Commercial Greenhouse Costs

## Solar-Based System Could Save 60% in Heating Expense

Researchers here have put together an energy conservation system that will cut high costs of fuels dramatically for greenhouse operations while making the most use of solar energy.

Now ready for adoption by the industry, the Cornell system is capable of reducing by at least 60 percent the heating needs for the typical commercial greenhouse.

With other steps now undergoing extensive testing, the savings could go even higher, as high as 70 percent or more. That translates into annual savings between \$28,000 and \$40,000 per acre in fuel costs, according to the Cornell researcher Louis D. Albright.

"The system can pay for itself within two to three years, depending on the type of fuel used," he said.

Albright is a professor of agricultural engineering in the State College of Agriculture and Life Sciences and leader of a research team conducting a passive solar energy greenhouse project.

Under way since the mid-1970s, on the heels of the Arab oil embargo, the Cornell project is being carried out in collaboration with Robert W. Langhans, professor of floriculture, an expert on greenhouse management. Other researchers involved in the project are Anthony Donohoe, design engineer, and Lori Marsh, research support specialist, both in Cornell's department of agricultural engineering.

When the energy crunch first hit the nation nearly a decade ago, the greenhouse industry was one of the first to feel the pinch. Today, heating bills per acre of greenhouse space run between \$40,000 and \$80,000, depending on the type of fuel used, compared to \$10,000 before the energy crisis.

With an estimated 10,000 acres under glass throughout the United States, the annual fuel cost is enormous.

New York state, one of the nation's leading producers of greenhouse crops, has approximately 500 acres of greenhouse space. With the new system, potential savings in energy costs in New York alone could range from \$14 million to \$20 million annually. The heating season here and in other parts of the country under similar climatic conditions runs from late August to late May.

Most of the savings achieved by the Cornell system come from the use of a unique insulation cover drawn over greenhouse plants at night. Tested successfully under commercial conditions in Elmira, the "thermal curtain," as it is called, reduces nighttime heating requirements by at least 85 percent.

Night-time heating accounts for about 70 percent of the total amount of fuel used



Anthony Donohoe (left) design engineer, and Louis E. Albright, professor of agricultural engineering, deploy a thermal curtain over and around plants in an experimental, passive solar greenhouse.

daily in a greenhouse, thus an 85 percent savings means a 60 percent reduction in overall fuel consumption, Albright said.

The night cover consists of five layers of foil-covered cloth, with air spaces between them. It has an insulation R-value of 8 to 9, equalling a 2- to 3-inch fiber glass batt in insulation value.

The curtain is stretched over and around the plants along the entire length of a greenhouse, thus preventing heat from escaping through the roof and walls. This setup looks something like a mosquito netting over a cot used on a camping trip. During the day, the cover is rolled up like a window shade.

The researchers hope to save even more energy with other innovative conservation

steps. Now under test is a light-level controller designed to operate the thermal curtain based on how much light is available for plant growth.

If light levels are too low for plants, especially when days are cloudy and dark in mid-winter, the automatic controller will close the night cover, because heat loss resulting from opening the cover could cost more than the lack of plant growth through inadequate photosynthesis.

Cornell researchers also see the possibility of attaining even greater energy savings in other ways. For example, they are testing the idea of letting the greenhouse cool down during the night as nature dictates. In commercial greenhouses, night

temperatures are kept at prescribed levels for different crops.

In tests with lettuce and chrysanthemums, Cornell researchers found that letting the temperature slide down during the night does not affect the plant growth and quality.

"This practice could minimize late night heating requirements even further," Albright pointed out.

Also under study is the idea of letting the greenhouse temperature go up gradually during morning hours rather than bringing the temperature back up abruptly. This could lead to additional energy savings, if plants respond well to gradual rise in temperatures. Daytime heating makes up about 20 to 30 percent of total fuel use.

## Barton Blotter

Nearly \$6,000 in cash and valuables, including a \$2,500 balance in Corson Hall, were stolen on campus during a seven-day period between Nov. 29 and Dec. 5, according to the morning reports of the Department of Public Safety.

Other university property stolen included a refrigerator and three IBM typewriters valued at a total of \$1,446, from Goldwin Smith Hall.

In all there were 28 thefts reported on campus, nine of which were wallets with cash and valuables totaling \$371. Other thefts included a \$309 bike and \$200 in cash from North Campus No. 8.

Windows were reported broken by thrown objects in Lyons Hall and University Hall No. 3 sometime Saturday.

Two cases of individuals failing to comply with an officer at Traffic Booth No. 1 are being investigated.

One false fire alarm and two stolen fire extinguishers were also reported.

## CIVITAS

**VOLUNTEER OPPORTUNITIES YOU CAN LINE UP NOW FOR NEXT SEMESTER**

**EXCELLENT COMMUNITY CRISIS COUNSELING SERVICE ANNOUNCES TRAINING PROGRAM:** To start at the very beginning of 2nd semester, on Thurs., Jan 20th and continue every consecutive Mon. and Thurs. eve., 7:30-10 p.m., through Feb. 24th. Also includes one Sat. session, Jan. 22nd, 9-4 p.m. Sign up for an interview now by coming to CIVITAS, 119B Anabel Taylor Hall. You must be 21 or a senior and intending to stay in Ithaca for a year after training.

**PHYSICS TUTOR SOUGHT:** For Ithaca High student who can come to campus after school, about 3 p.m., for tutoring once a week, any day, Mon. through Fri., or possibly over the weekend.

**LOCAL ORGANIZATION FOR BATTERED WOMEN:** Seeks volunteer illustrator to draw pictures for coloring book to be given to children using the temporary shelter. Coloring book will describe shelter and its activities.

**CLASSROOM ASSISTANTS FOR ELEMEN-**

**TARY SCHOOL NEAR CAMPUS:** Help with math games needed in 2nd grade classroom of 28 children 1-1:45 p.m. any school day. At other times, volunteers sought to help children with reading and other activities.

**SPANISH-SPEAKING STUDENTS SOUGHT NOW TO VOLUNTEER NEXT SEMESTER:** To visit an elderly lady in a local nursing home who used to be a Spanish teacher. She would like someone to read to her. The schedule is flexible, and the location is convenient to the Ithaca Commons.

**MENTALLY SLOW YOUNG MAN, NINE-TEEN YEARS OLD:** Needs a male friend about his age, or perhaps a little older, to spend time with him socially. He lives near Tops Supermarket on Route 13, goes to Ithaca High School in the morning and works till 3 p.m. Volunteer would have to pick him up and take him home.

**VOLUNTEER NEEDED SECOND SEMESTER TO HELP CORNELL EMPLOYEE:** Who is making good progress in learning to read. Current helper is leaving Cornell at start of 2nd semester, so it would be good to orient new volunteer in Dec. or Jan. Books and instructional

materials are available. Employee works from 11 a.m. to 7:30 p.m., but can meet volunteer helper mornings before 11 a.m. or on weekends.

**ELEMENTARY SCHOOL CHILDREN:** Hope someone will help type and edit their stories and assemble them in hard-cover books for an hour or two on Fri. mornings between 9-12 noon.

**HIGHLY MOTIVATED WOMAN SEEKS TUTOR:** In math and reading. Her current ability level is very low, and she needs help for about an hour once or twice a week. Convenient location.

**PATIENT YOUNG MALE HELPER SOUGHT:** For 9th grade boy who lives in Newfield. On probation, he needs one-to-one help in all basic subjects. His short attention span will require a lot of patience. Once a week, weekends are best, and you will need a car.

**TO OFFER YOUR HELP: COME TO CIVITAS 119B Anabel Taylor Hall, or call 256-7513.** Open Mon., Wed., Fri., 9-3 and Tues., Thurs., 10-2.

Financed in part by the Student Finance Commission and open to the entire Cornell community.

# Sage Christmas Program: More than Meets the Eye

## Bulk-Cleaned Robes and Pressed White Collars

When the Sage Chapel Choir begins its candlelit procession at 8:15 p.m. Sunday and Monday evenings (Dec. 12 and 13) singing "O come, o come Emanuel," it will be continuing a long-standing tradition which involves much more activity than meets the eye and ear.

In addition to the weeks of preparatory rehearsals, the singers gathered all of the robes after the Thanksgiving recess, and in the interest of economy, took them to a bulk-cleaning establishment. At an informal party in a member's home the white collars were laundered and pressed. Another crew assembled to restore the bright finish to Sage Chapel's brass trim and polish the chairs in the choir loft. They have also strung festive lights on some of the surrounding shrubbery.

This weekend, as he has for nearly 35 years, Professor Raymond Fox and his floriculture and ornamental horticulture students will decorate the 20-foot locally grown evergreen tree which they have purchased and cut. Professor Fox says that although several types of decorations have been presented, the community prefers what has become known as "the poinsettia tree," with its several dozen bright red Cornell-grown poinsettia plants displayed among the branches. Garlands of evergreens and candles, set in the chapel windows, contribute to the holiday atmosphere.

Because of its continuing popularity, the Sage Christmas program will again be given on two successive evenings, Sunday and Monday. There is an admission charge of \$1 at the door, with free entrance for children under 12 years of age.

As in the past, the event will be heralded by a chimes concert from the Library Tower played by Beth Cook and her chimes staff (Renee Baernstein, Robert Feldman, Nancy Grambow, W. Richard Johnson, Judy Ogden, Kenneth Robinson) and selections played in the chapel by handbell ringers Marvin Tatum, Christian Haller,



Art Samplaski and Ben Schwarz.

Professor Donald R.M. Paterson, University Organist and Sage Chapel Choirmaster, will direct the choir in the program of Gregorian chant, a variety of old and new carols, motets and anthems composed by Gibbons, Victoria, Sweelinck, Vaughan Williams, Holst, Burnby and Davies. Also included are Paterson's own

Verses for Advent and his arrangement of a Spiritual, "Rise up shepherd," and an anthem by Cornell Professor-emeritus Robert Palmer entitled "And in that day."

Appearing with the choir as guest soloist is Edith Reed. Student soloists are Amy Blumenthal, Richard Linderman, Oliver Mayer and Gregory Cooper. Organ accompaniment is by graduate assistant Glenn

Burdette.

Appropriate selections for the season will be read by Cornell University President Frank Rhodes, the Rev. W. Jack Lewis, Professor Donald Eddy, and students Sandra Ventimiglia, Joyce Little, Lynne Burtan, Peter Sisson and Susan Rydwin.

Vivian Laube

## Brief Reports

### Land Grant Group Sets Open Meeting

The Committee on Land Grant and Statutory College Affairs of the Cornell University Board of Trustees will meet in open session at 3 p.m. Monday, Dec. 13, in the Cooperative Extension Offices, 111 Broadway, New York City.

Among the items on the agenda are briefings on final 1982-83 state funding, salary programs for faculty and staff, and plans for the Academic I building on the Ithaca campus; a review of the legislative program for 1983; a report on the structure of the relationship with the State University of New York; and a progress report on the development of 1983-84 tuition and other budget policies affecting statutory colleges.

### Specialized Skills Will Be Clinic Focus

The next session of Cornell Careers will focus on specialized skills necessary for administrative positions. The program will be at 12:15 p.m. Tuesday, Dec. 14, in 202 Uris Hall.

Topics will include administrative skills in accounting, word processing and computers. Participants will be Margaret Seacord, administrative supervisor in the Center for Radiophysics and Space Research; Pat Holland, supervisor, word processing in the School of Business and Public and Administration; and Mariann

Carpenter, user support specialist in Computer Services.

All Cornell employees are invited to attend. Additional information about the specialized skills clinic and the Cornell Careers program is available through the Staff Relations and Training office, University Personnel Services, 256-7400.

### Next Chronicle Issue To Be Jan. 13, 1983

With this issue, Cornell Chronicle goes "on break" until it resumes publication before the start of the spring semester, on Thursday, Jan. 13, 1983.

Although this will be one week before spring term registration, the issue will include information on orientation and registration, and will cover a two-week period.

The remainder of the publication schedule for the spring term will be Jan. 27, Feb. 3, 10, 17 and 24, March 3, 10, 17 and 24, (then one week off for spring break) April 7, 14, 21 and 28, May 12.

## 'Nuclear Waste' Barrel in Dump Unmasked by Cornell Scientists

When a yellow barrel labeled "nuclear waste" was discovered in a county landfill, officials called on the people with the expertise to determine whether or not a hazard existed — the Cornell Office of Environmental Health.

Much to the relief of landfill operators, no radiation was detected, the barrel was disposed of and the Cornell environmental hygienists returned to their usual tasks of ensuring the safety of students and staff members in the university's classrooms, laboratories and offices. But there were some tense moments at the Spencer landfill Nov. 22 until the investigators with the right equipment arrived on the scene.

Dominic Versage, Cornell radiation safety officer, and William E. Kiker, director of environmental health, responded and checked the mysterious barrel with a survey meter. "Wipe tests" for radioactive contamination were performed on the sides and ends of the container. All tests were negative, showing no radioactive contamination.

"The shade of yellow was not the same as that used on barrels in which radioactive wastes are shipped," Kiker reported. "The lettering and symbolism were black rather than the standard magenta and no radiation nor radioactivity were found. There is no reason to believe that the barrel was ever intended nor used for radioactive waste."

Service to the off-campus community is not unusual for the Office of Environmental Health. Cornell environmental hygienists soon will begin testing air in the Van Etten

Elementary School, at the request of the Chemung County Health Department, after several children attending classes in the newly-opened wing developed respiratory problems. The Office of Environmental Health serves as a consultant for area industries and has monitored individuals' homes for the presence of formaldehyde vapors.

The "nuclear waste" barrel may have been someone's idea of a joke, Kiker speculates, or it may have been an attempt to draw attention to the growing problem of nuclear waste disposal. Whatever it was, it is now buried, along with tons of other trash.

# Bulletin of the Faculty

October 13, 1982  
110 Ives Hall

The incumbent Speaker, Russell D. Martin, called the meeting of the Faculty Council of Representatives to order at 4:34 p.m. The Chair then called upon the Dean of the Faculty, Kenneth Greisen.

The Dean said this is a great day for the faculty, having a quorum of both the FCR and the University Faculty! (Applause) He said he wished to apologize for the time being left off the notice of this meeting; also he explained that contrary to announcement, the booklet of memorial statements about faculty who died in the past year was not ready in time to be enclosed with this meeting notice. It will go out with the next general mailing to the faculty. He added that he had been in error in stating that the Kiplinger report on restructuring of the Trustees was in all libraries when, in fact, it was available in only three.

Dean Greisen then announced that there was only one item on today's FCR agenda, the election of the Speaker, which occurs annually. He declared the floor open for nominations and recognized Professor Mary Beth Norton of History.

Professor Norton nominated Russell Martin for another term as Speaker of the FCR. This nomination was seconded and the Dean stated that our by-laws placed no limit on the number of terms Professor Martin could be re-elected. Furthermore, the Dean said he had been assured that Professor Martin was willing to continue in office if elected again.

Professor Francine Herman, Hotel Administration, moved that the nominations be closed. Her motion was seconded and approved resoundingly by voice vote. Dean Greisen declared Russell Martin re-elected Speaker. (Applause) Taking the floor, Speaker Martin thanked the faculty for so honoring him once again, and said it was interesting to note that each year the competition became no more intense. The Speaker then called upon President Frank H. T. Rhodes.

President Rhodes said that he wished to add his congratulations to Professor Martin's election as Speaker.

## 1. ANNOUNCEMENT OF DEATH OF FACULTY MEMBERS

President Rhodes said that he had to announce, with regret, the deaths of six faculty members and that after reading their names, he invited those assembled to join him in standing in their recognition and remembrance.

John M. Echols, Emeritus Professor, Linguistics and Asian Studies, June 16, 1982

Solomon C. Hollister, Emeritus Professor, Civil Engineering, July 6, 1982

Helen Paine Hoefer, Associate Professor, Home Economics Education (retired), July 31, 1982

Wayne Robert Knapp, Associate Professor, Agronomy, August 5, 1982

Gilmore D. Clarke, Emeritus Professor, Landscape Architecture, August 6, 1982

Lewis H. Durland, Treasurer Emeritus, ex officio member of the Faculty, September 1, 1982

## 2. DISTINGUISHED TEACHING AWARDS

President Rhodes said that it was his pleasure to announce the awards for distinguished teaching given by the various constituencies of the university. He invited those recipients present to stand.

Agriculture and Life Sciences: Professor of Communication Arts, Russell D. Martin; Edgerton Career Teaching Award - by the State College of Agriculture and Life Sciences.

Agriculture and Life Sciences: Professor of Science and Environmental Education, Verne N. Rockcastle; Professor of Merit Award - by the State College of Agriculture and Life Sciences, Cornell, given by Ho-Nun-De Kah (Agricultural Honor Society).

Arts and Sciences: Goldwin Smith Professor of Musicology, William W. Austin; The Clark Award.

Arts and Sciences: Associate Professor of Ancient History, Alvin H. Bernstein; The Clark Award.

Arts and Sciences: Professor of Government, Arch T. Dotson; The Clark Award.

Arts and Sciences: Senior Lecturer and Assistant Director, Writing Program, English, Katherine Gottschalk; The Clark Award.

Arts and Sciences: Senior Lecturer, Mathematics, Thomas W. Bishel; The Clark Award.

Engineering: Assistant Professor of Chemical Engineering, Joseph F. Cecchetto; Excellence in Teaching Award - by Cornell Society of Engineers and Engineering, Tau Beta Pi.

Human Ecology: Professor and Associate Director of Academic Affairs, Nutritional Sci-

ences, Marjorie M. Devine; Distinguished Teaching Award - by the College's Alumni Association and Omicron Nu Honor Society.

Human Ecology: Associate Professor of Human Development and Family Studies, Barbara C. Lust; Chancellor's Award for Excellence in Teaching - by the State University of New York.

Industrial and Labor Relations: Assistant Professor of Collective Bargaining, Labor Law and Labor History, Nicholas A. Salvatore; Undergraduate Student Government Award for Excellence in Teaching.

Veterinary Medicine: Assistant Professor of Clinical Sciences, John F. Randolph; Norden Distinguished Teacher Award.

The Chair then declared the meeting of the Faculty Council of Representatives ended (4:44 p.m.) and the meeting of the University Faculty to be in session. The Chair called on Dean Greisen.

## 3. RESOLUTIONS ON EXTENSION OF MEMBERSHIP TO CATEGORIES OF ACADEMIC PERSONNEL NOT PRESENTLY ACCORDED MEMBERSHIP IN THE UNIVERSITY FACULTY

Dean Greisen said that at our last meeting in May, a time when we did not have a quorum, this item of business was brought forward and discussed, and even a straw vote was taken on it. These same resolutions continue on the floor and are up for discussion and, hopefully, a vote today. They do not need to be introduced again. The Dean added that since May, the list of senior titles has been slightly expanded by including Senior Scholar and Senior Scientist, two titles pending approval by the Board of Trustees. Dean Greisen explained that the Faculty acts so seldom on matters of this sort that it seemed reasonable to add these titles and make the list complete, especially since they had been recommended to the Trustees for establishment.

Dean Greisen then read the resolutions:

RESOLVED, that the University Faculty recommends to the Board of Trustees that, beginning on July 1, 1983, voting membership in the University Faculty be expanded to include Ithaca and Geneva-based academic staff holding the titles of Senior Scientist\*, Senior Scholar\*, Senior Lecturer, Senior Research Associate, Senior Extension Associate, Librarian, Associate Librarian, Archivist and Associate Archivist.

RESOLVED further, that the University Faculty recommends to the Board of Trustees that, beginning on July 1, 1983, voting membership in the University Faculty be expanded to include Ithaca and Geneva-based academic staff holding the titles of Lecturer, Instructor, Research Associate, Extension Associate, Senior Assistant Librarian, Assistant Librarian, Senior Assistant Archivist and Assistant Archivist who have held these positions on a full-time basis for three consecutive academic years or more, and who are not degree candidates at Cornell University. \*Upon establishment of these titles by the Board of Trustees.

Prior to the start of discussion, the Dean also reported that he had been contacted by Louis Martin, University Librarian, who had said with regret that he could not attend today's meeting. However, he wanted it known that the Association of Librarians, as organized at Cornell, had met just yesterday, discussed these resolutions thoroughly, and wanted to express themselves as strongly supporting them in their present form.

The Speaker said if there were no objections, these resolutions would be treated separately. There were none and it was so ordered. He declared Resolution #1, concerning the senior group, to be on the floor. A point of information was raised as to whether the Speaker would rule it out of order if people alluded to both resolutions, even though treated separately. The Chair said this interchange would be appropriate.

Professor Michael D. Fisher, Horace White Professor of Chemistry, Physics and Mathematics, said this is a delicate issue. If we vote against bringing someone into the faculty, it suggests that there are colleagues at the University whom we do not respect. Therefore, he said he was hesitant to be the first to say he is against the resolution, and he wished to make clear that he values the presence and services of all those named individually and collectively in both motions. But, he stated that he thinks we have to ask: What is a university? Why do we have a faculty, and why is it distinct from other groups? We also have to ask about the rationale behind this move and whether this is a clear motion on which we should act positively. Professor Fisher said he thought the answer to the last question was "no" and therefore he wished to address the first two questions and analyze them briefly.

Professor Fisher stated that the crux of the university is a gathering of scholars who come together to teach themselves and hold them-

selves available to teach others. The university would be in poor shape, he contended, without librarians, administrators, and people who look after the buildings. Nevertheless, he said, we would still be a university simply as a gathering of scholars. The individuals who are being nominated here do not fulfill this function. There are some who do a certain amount of teaching, and there are some who do research, but their primary commitment is not that of a faculty which characterize a university and distinguish it both from a research institution and from teaching institutions. So, the first point, said Professor Fisher, is that the membership of a faculty should be retained for people who clearly are faculty.

Then, he continued, on the issue of when this matters, as the Dean pointed out, it is rather rare that we even have a quorum, but I have been here long enough to remember a time when we not only had a quorum, but filled Bailey Hall, because there was a matter that was of concern to the whole university and to the faculty in particular. And on those occasions, in 1969 or thereabouts, people were much concerned as to who was or was not a member of the faculty because we were going to vote on matters that might have left the university in a shambles, or might have preserved it. And so it is on those special occasions that I think this decision is important.

Professor Fisher went on to say that he was extremely sensitive to the fact that we have valuable colleagues at the university playing important roles who are essentially disenfranchised by the sad fact that the Senate, and all it stood for in terms of representation of all the parts of the university under one roof, is no longer with us. At the time it existed, the people who filled these different roles on the campus from top administration down, did have a voice and a constituency. Now, we don't have that organization and it is perfectly reasonable to say that the librarians, senior scientists, etc. cannot be asked to go in with the Employee Assembly. So we are indeed dealing with a disenfranchised group, and I think we have the responsibility of meeting the situation and helping.

Professor Fisher then proposed that the Faculty vote down this motion and subsequently on some appropriate occasion, either introduce another motion or ask the committee to consider a motion, which would respond directly to this representation. He suggested one route would be to take the Faculty Council of Representatives, and expand it to include all the individuals mentioned in these resolutions as full voting members. Thereby, Professor Fisher contended, we would be according representation to these groups but not confounding the issue as to who was or was not a member of the faculty.

Speaker Martin asked if there was anyone who wished to speak in favor of the resolution.

Associate Professor Robert L. Harris, Jr., Africana Studies and Research Center, said he also was sympathetic to the whole question of representation and voice for the groups listed here, but did not think this is the best way of resolving that particular issue. He posed three questions. First, what would it mean in relationship to the size of the FCR and method of selection of the members of FCR if the resolution passed? Secondly, what does faculty status mean in terms of benefits for these groups as different from those they currently have? Finally, what does this mean for Cornell's affirmative action profile; will Cornell miraculously, overnight, have an improved affirmative action image? There is great deal of concern, especially about the exit of some twenty-one black faculty and staff over the past year. Professor Harris gave the opinion that if this motion passes, we get totally distorted view of Cornell University's affirmative action achievements.

The Chair asked Professor Joseph B. Bugliari, who was chairman of the Membership Committee when this was proposed, if he wished to respond.

Professor Bugliari said he could respond to the first two questions and would comment also. As far as the FCR is concerned, in most instances he thought it would make little difference. Most of the people who are in these titles, except for the librarians, are already connected with departments and therefore would simply have to be counted when need for reapportionment is assessed every three years. Obviously, if there is a group that contains a large number of these people, it could mean that some degree of reapportionment would result from their inclusion. The only group for whom a new voting block would have to be created would be the librarians, for they are not affiliated with departments or other organizations presently tallied. They would need a separate number assigned to

them. He said he did not believe these additions would necessarily dilute the FCR. As far as benefits are concerned, Professor Bugliari reported he had no information that this would change them one way or the other. His guess was there would be no new benefits accruing to them. Professor Bugliari said it should be noted there was a provision included, stating faculty membership could not be held by any who were pursuing a Cornell degree, which merely restates a standing regulation.

Professor Bugliari continued saying that it has been suggested that one of the reasons for this move was to increase the number of women members of the faculty, but he had not heard it proposed that this would affect the number of other minorities represented. He said he wished to assure us that in the Committee's deliberations, this subject never was a consideration. The sole reason, he stressed, was that the committee felt these people had a community with us as members of the faculty; that they participated in research, in teaching, in other activities, and that they should be involved in the deliberations of the faculty and the FCR, and in other ways relate to the faculty rather than any other group. They seemed to feel the same way, he said, and this was the sole purpose behind this entire motion.

Dean Greisen then took the floor to comment further on the questions raised by Professor Harris.

The Dean said that recently he had occasion to consult the table showing benefits for various positions in the university, as it appears in the Academic Appointment Manual. The present faculty, he reported, are not recipients of any unusual benefits that are not also accorded research associates, senior librarians and others under consideration. Since he found there a long list of academic titles that all have similar benefits, Dean Greisen offered the opinion that there would be no special benefits going to persons who are granted membership. In fact, he said, just the reverse might be considered to prevail, given the obligations accompanying faculty membership. While attending meetings and serving on committees are not obligations that have to be assumed, contended the Dean, membership would mean some would receive additional requests for service which they do not get now.

The Dean said a question had been raised about the possible purpose of this action being to have these academic employees on the side of management so they could not form a union. This was not the intention either, and he said almost all employees realized this; neither was there any other ulterior motive.

Dean Greisen said he was interested in the suggested relationship to our affirmative action posture. This proposal, he stressed does not change in the slightest the number of academic employees who are members of any minority group or any sex. It really only recommends a shift in the amount of prestige or privilege accorded some of the members. Dean Greisen conceded there might be some way of counting to make it seem as though Cornell suddenly had done admirably in adding large numbers of minorities and women to the faculty. But already, he pointed out, the people who are concerned about these questions have asked for breakdowns of the numbers in various divisions of the faculty, and we would have to continue to report the numbers in the various ranks, a set of numbers this resolution would not change.

Dean Greisen then commented on Professor Fisher's discussion, stating that the committee had mostly in mind the participation in working groups - that is, the FCR - rather than the faculty apart from the FCR, because it is the FCR which is the business organization, has monthly meetings, numerous working committees and the like. In contrast, the Faculty meets infrequently and then mostly for ceremonial purposes except, as Professor Fisher pointed out, on the rare occasion when it desires to take some special form of action. Thus, barring the unusual occasion, the University Faculty is not a working body. The work is done by the FCR and we had in mind making many of these people eligible for participation in that work, and, the Dean emphasized, this means helping to decide some of the details that relate to their jobs, i.e., details related to the university calendar, administering prelims, the grading system, and other housekeeping matters in which they are deeply involved. In many instances, said Dean Greisen, these persons have not even been receiving information about these matters because they have not been on the faculty mailing list. So, concluded Dean Greisen, it was concerns such as these that were behind the resolution from the Membership Committee; that is, a genuine de-

to welcome them as partners in our enterprise because they are partners in our enterprise.

The Chair then recognized Professor Jean F. Blackall, English, who said she wished to add to Dean Greisen's remarks and respond to Professor Fisher. She commented that she was a lecturer in 1969, and believed that in the eyes of our students, lecturers and others in this general category are indistinguishable from faculty. The meaning of this, she held, was that in a time of crisis one is particularly under fire because, to your students, you represent the university. Yet, at that time, she said she was not attending faculty meetings, and so could not respond to students when asked to explain faculty actions. We operate as a team, she said, and above all it is important for everyone who comes before students to have policy information and to have a voice in its formulation as well.

Professor Boyce D. McDaniel, Floyd R. Newman Professor in Nuclear Studies, asked Dean Greisen what the eligibility requirements were for sabbatic leaves.

The Dean responded that he did not know, at which point the Provost, W. Keith Kennedy, volunteered that it was just the professorial ranks — assistant, associate and full professor. This action would not change that; it does not say a member of the faculty, it specifies the rank.

Dean Greisen added that FCR reapportionment is conducted every three years. The last adjustment changed the number of faculty per representative to the FCR to 18. Were this full resolution adopted, it would increase this number to 23.

Someone asked Professor Fisher to define more thoroughly what he considers the role of the faculty.

Professor Fisher replied that teaching certainly is one of the roles, yet it is clear that others teach, too. Therefore, he continued, you have to say why the faculty is always precisely held, and consider why we go through elaborate processes to elect people to tenure and all. He said he was not trying to claim there was any kind of hard and fast line involved; indeed, he recognized that there were interesting points on both sides of questions relating to whether any specific category of staff should become a faculty member. Basically, Professor Fisher concluded, a faculty member is a person who has gone through the trials of coping with undergraduate teaching, graduate teaching, and scholarship; who has been through what is involved in preparing for classes, dealing with schedules and the like, and who, at the same time, has had to balance all this against research and scholarly commitments, and duties that fall on faculty members from outside the university. As far as the other individuals are concerned, including those who teach, Professor Fisher said he saw them as helping in one or another of these roles. It is quite another issue, he maintained, if we are keeping some of these people — lecturers, say — in their positions too long. The answer is not making them members of the faculty automatically, rather, he contended, examining the specific career path involved and addressing that situation.

Professor Howard E. Evans, Veterinary Anatomy, pointed out that university bylaws allow each college to appoint their lecturers, instructors, senior research associates, as members of their faculty. So there already is a mechanism in the bylaws for every college to appoint these people as faculty, and many of them do. Professor Evans said he agreed with Professor Fisher, who he thought put it well, that there is a difference between faculty and staff. The university, he went on to say, saw this clearly years ago and provided the possibility for people who do teach, even if they are auxiliary, to be members of a college faculty. Members of college faculties are not necessarily members of the University Faculty, but they can be appointed as such if the request is made and if there is a reason for it. Thus, concluded Professor Evans, all these people being discussed here perhaps could be made ad hoc members of the University Faculty in other ways.

Professor Bugliari responded that he did not believe Professor Evans' last point is true. He maintained that colleges and departments can elect these people to join their bodies, but there is no way they can become ad hoc members of the University Faculty without passage of these resolutions before us. The university bylaws make it clear that the only people who can be members of the Faculty are those who hold professorial ranks, or are ex officio members, such as some persons high in administration.

Professor Urie Bronfenbrenner, Human Development and Family Studies, and Psychology, stated that to him, scholarship was the hallmark of being a faculty member. It was from that scholarly basis, he said, that one drew on as a teacher, as someone working in the field of extension, or one engaged in further inquiry. He asked whether it was not appropriate to have as

a criterion for membership in the University Faculty evidence of scholarship? Professor Bronfenbrenner went on to say that he was sympathetic to Professor Fisher's remarks primarily for this very reason: that what distinguishes a member of the faculty is a commitment to scholarship. He proposed that where members of the staff are engaged in scholarly pursuits, it would be appropriate to establish a procedure for evaluating the calibre of their work, and then consider them for membership on that basis.

Professor Edgar M. Raffensperger, Entomology, noted that passage of this resolution would automatically make the new faculty members eligible for election to the FCR. He believed that the election scheme requires a certain number to be tenured members of the faculty and a certain number to be nontenured, and wondered how this rule would operate in regard to the new members, who would not be on a tenure track.

Professor Robert T. Farrell, English, rose to speak in favor of the motion. He referred to teaching as one of the fundamental purposes of an institution such as ours. The role of lecturers and senior lecturers is defined in terms of teaching and they typically do more than twice as much teaching as someone in a professorial rank. If teaching is really important to us, it must be judged invidious and unfair to deny to these individuals the rights that should accrue to those who are carrying out a primary function of the organization.

Associate Professor James M. Burlitch, Chemistry, said he found the collection of categories in these resolutions to be (The answer, not given in the meeting, is that while a certain minimum number of seats must be held by nontenured faculty, the other seats are not restricted to tenured faculty. Thus, the new members would be eligible to occupy any of the FCR seats.) puzzling. There are titles present which he said he could easily associate with teaching and/or research functions, but the inclusion of librarian and archivist, in his view, was inconsistent. Professor Burlitch said he would vote against this motion because he did not think that archivists perform any of the functions that have been discussed — teaching and research — any more than do the people who work in the electronics shop in his department, and who are skilled in designing circuitry and making instruments function. They are support staff, he contended, not faculty.

Professor Norton moved the previous question, which was seconded.

The Speaker said by passing this motion with a two-thirds margin, the resolutions would be placed on the floor separately for an immediate vote. On a voice vote, the Speaker declared the motion to have carried.

The Chair then called for a vote on resolution #1 dealing with senior members. After hearing the ayes and nays, the Chair called the motion defeated. Professor Bugliari requested a count. The number of those who rose to be counted in favor of the motion was about 50. When it was observed that the number who rose in opposition to the motion was clearly more than this, the count was not carried to completion (an estimation of the nays by the Dean was about 75).

Resolution #2 next was placed on the floor for a vote. It was also declared defeated by the Speaker.

The Chair then called on Professor Mary Purchase, Design and Environmental Analysis, and Chairperson of a subcommittee of the Review and Procedures Committee, for a resolution on the Trustee Study Committee recommendations.

**4. RESOLUTION AND DISCUSSION ON RESTRUCTURING OF THE BOARD OF TRUSTEES AS RECOMMENDED BY THE BOARD STUDY COMMITTEE**

Professor Purchase said the subcommittee had made a study of the Kiplinger Committee report and held discussions with Professor Donald F. Holcomb (Physics; former Faculty Trustee and member of the Kiplinger Committee) and the Review and Procedures Committee. Subsequently, in late July, the Review and Procedures Committee, together with the Executive Committee of the FCR, met with the Kiplinger Committee for an extended session of questions and sharing of views. An outgrowth of these deliberations and of a further meeting with the Executive Committee was the following pair of resolutions, which she moved for adoption by the University Faculty:

- RESOLVED, that
- 1) The faculty commends the Board for seeking greater effectiveness through re-shaping the committee structure of the Board.
  - 2) The faculty supports the concept that the Board seek greater diversity, which the faculty interprets as a wider range of experience, expertise, and perspective. The faculty believes this diversity can be assured by
    - the use of non-trustee members on committees

- the decrease in overlap of the Executive Committee with other Board committees
- continuing the election of faculty, employee, and student trustees by the individual constituencies.

3) The faculty proposes that the Committee on Board Membership consult with faculty group such as the Nominating Committee in selecting faculty members for non-trustee positions on committees.

4) The faculty submits that a decrease in the size of the Board need not be the prime consideration in increasing its effectiveness, and that the proposed drastic reduction in number of faculty trustees will actually damage the Board's effectiveness, and further, BE IT RESOLVED, that the faculty urges the members of the Board of Trustees of Cornell University to reject any proposal for restructuring of the Board that calls for a significant reduction in the percentage of the seats to be held by members of the student, faculty and employee bodies of the Ithaca community, or that takes away from those bodies the privilege of election of those members who are to occupy the trustee seats.

Professor Purchase said the subcommittee felt that these resolutions would convey to the Board the sentiment of the faculty in favor of the Board's search for greater effectiveness and determination to maintain diversity, but the strong opinion that the attainment of these goals would not be enhanced by reduction in the number of faculty trustees or cessation of their election by the faculty.

The Speaker opened the floor for discussion. A point of procedure was raised as to whether the resolutions would be considered together or separately. The Chair said they are presented as one resolution at this point.

Professor Norton moved to amend the resolution by striking the first parts, points 1 through 4. The motion was seconded and placed on the floor for debate.

Professor Norton said the Executive Committee felt strongly that the point at issue with the Board Study Committee should not become clouded with excess verbiage. She said the resolution on the floor was much too polite; there was no need to congratulate the Study Committee on doing a good job in some respects. She contended that if the faculty wanted to draw the attention of the Board to the objections the faculty wants to register, the faculty must be blunt and, in effect, hit the Board over the head with these objections. She urged on behalf of the Executive Committee that the first part of the motion, points 1-4, be deleted and only the second half be passed.

Professor Purchase submitted that the first part of the resolution represented a balanced view of the entire report of the Kiplinger Committee in terms of all this committee is trying to do in restructuring the Board to make it more effective. By striking the first half, she held that we would lose the opportunity to encourage the use of non-trustee faculty members on committees. In addition, she said the faculty also would lose its opportunity to speak to limiting the power of the Trustees' Executive Committee, as well as influencing the makeup of their Committee on Board Membership, a most important committee. Professor Purchase stressed that the entire resolution is much more balanced and should represent the faculty's total view of the Kiplinger Report, rather than addressing only points with which we do agree.

Professor Donald F. Sola, Modern Languages and Linguistics, said he also opposed the amendment. Identifying himself as a member of Professor Purchase's subcommittee, he said the group had tried to put together a balanced statement. He continued, saying that in their reading of the Study Committee report, and through their various meetings, the subcommittee saw an opportunity to have some dialogue with the Trustees, a rather precious opportunity that does not happen often on this campus where the Trustees tend to be isolated from us. We were hoping the Trustees would perceive our faculty as an analytic group that could appreciate the study committee were undertaking a serious matter, and that there were some important, positive elements in their proposals. That is, that the faculty were not simply reacting as if being stuck with a pin, but as a group that understood a serious document from a Trustee committee should be treated as such and not simply as a challenge.

Associate Professor Anatole Senkevitch, Jr., Architecture, said one of the more gratuitous elements in the first resolution is item number one, commending the Board for seeking greater effectiveness. To him, he said, this is most open to question. He suggested that item one might be deleted and the resolution begin with item two which enumerates points we commend, but omits congratulatory phrases. Professor Senkevitch said he did not offer this as an amendment, only as an item for consideration.

Associate Professor Howard C. Howland, Neu-

robiology and Behavior, said he supported the motion to strike the first resolution, primarily since he is being asked to endorse a great deal of detail which he does not feel he can comprehend in such a short time. Further, he commented that if the Board of Trustees wishes to engage the faculty in a conversation, they should not start out by trying to disenfranchise us just to get our attention.

Professor Fisher said he wished to speak strongly in favor of the amendment. While there are points in the first half of the resolution which look good, he said he believed it is not effective to rewrite motions on the floor. Professor Fisher said his impression in talking to faculty trustees, student trustees, and from having appeared before the Board once himself, leaves him with the sad conclusion that they are not really interested in a dialogue with anybody, only with getting on with their job as they see it. But if you make a loud noise, they will give you the courtesy of listening to what you say. It is important, Professor Fisher continued, that a very strong message is put across, and he said he particularly liked the last part where the faculty does not just talk about their own disenfranchisement, but also that proposed for the student and employee bodies. He professed to feel very strongly about the faculty speaking out clearly about its concern for these other groups as well as our own.

Offering a point of information, Dean Greisen said that this second part of the resolution is also on the agenda of the Student Assembly and the University Assembly with the identical wording. The Employee Assembly already passed it. If all four assemblies pass the identical resolution, it will speak strongly for the whole community, he stated.

The previous question on the amendment was moved and seconded. On a vote call, it carried, ceasing debate on the amendment.

The Speaker next called for a vote on the amendment which would delete parts 1, 2, 3 and 4 from the resolution. It carried with but few nays.

The Chair announced that the second half of the resolution is on the floor for debate.

Professor Bronfenbrenner said he had a concern and that he would appreciate the help of his colleagues in clarifying it. He explained that he had served as a member of the Board of Trustees, and he is concerned that among the segments which presently send representatives to the Board, there are some who are there clearly in the role of pleaders for special interest groups. Students have been especially prominent in this role, he said; employees have been also, but not quite as prominently, and faculty far less so. For the most part, when faculty members have been elected to the Board of Trustees, they have taken the well-being of the university as their primary concern, which is their duty. Professor Bronfenbrenner continued, saying that the crux of his concern was that in seeking to support other constituencies, the faculty jeopardizes the very strong involvement they have in the Board of Trustees, by perpetuating a situation which Professor Bronfenbrenner felt, as a former Board member, was untenable; that is, a system that introduced into voting membership people who really did not care about the well-being of the university. Professor Bronfenbrenner said when he testified before the Board of Trustees, he suggested some procedures for bringing people into the role of Trustee in a manner which could increase the likelihood that they would take the well-being of the University into primary consideration. He said he believed the Faculty should not move in that direction without doing something like this. Professor Bronfenbrenner concluded, posing the question, "How can I act to preserve the important full membership of the faculty in this, without jeopardizing what I see as the Trustees' proper responsibility to reject some elements?"

Professor Farrell said this appeared to him a simple matter: Those who are governed by the Board of Trustees, should have representation on it. He explained that you could proceed by status and put the faculty first, or by numbers and put the students first, but to have no representation, or to decrease representation for any one of those three groups — faculty, students, employees — would seem rather unfair. Therefore, Professor Farrell said he wished to introduce a friendly amendment to delete the word "significant" from line three of the resolution.

The Chair reminded Professor Farrell that friendly amendments are not allowed in the FCE or in the Faculty. He invited Professor Farrell to offer the change as an amendment, if he desired to do so, in order to place it on the floor for debate and vote.

Professor Farrell then offered his suggestion to delete the word "significant" on line three as an amendment. It received a second.

Dean Greisen said he wished to give some numerical facts as follows. The number of Ithaca

# Brief Reports

## Holiday Decorations Policy Is Restated

With the approach of the holiday season, members of the Cornell community are reminded of the policy governing holiday decorations.

University Senate legislation, adopted in 1972 and which continues in effect, states that Cornell cannot sponsor or provide

direct support for the display of religious symbols.

Any area which gives the impression that a symbol is associated with the university should not be used for the purpose of display. In particular the external surfaces of buildings cannot be used for such displays; however, individuals are not prohibited from having private displays in their own offices or living quarters.

Stars displayed at Christmas time are considered religious symbols, according to the legislation. Decorated trees, however, are not considered religious symbols unless the decorations include such religious symbols as stars.

The legislation also requires that any decisions concerning application of the guidelines be made by the Vice President for Campus Affairs. Any related questions should be addressed to William D. Gurowitz, 313 Day Hall, telephone 256-4166.

Gurowitz has requested that, in conjunction with Cornell's energy conservation program, decorations be non-electrical.

## Faculty Bulletin

Continued from Page 11

faculty now on the Board is four. The number of Board members at present is 62. If the number of faculty is reduced from four to three, and Board membership reduced from 62 to 42, there will be a slight increase in the percentage of Board members representing faculty. He continued, stating that if faculty were reduced to two, as has been proposed, this would constitute a drastic reduction. The same applies to students on the Board, and something similar to employees. Dean Greisen said he favored the amendment because it takes out a meaningless word.

Professor Terrence L. Fine, Electrical Engineering, asked if there would be any advantage to keeping the same resolution which will be before the other bodies?

Dean Greisen replied that he did not think this was a significant change. (Laughter!)

On a vote call on the amendment, it carried. The resolution, as amended, was then placed on the floor for further discussion.

Professor Gordon M. Messing, Classics and Linguistics, said he is going to take an unpopular point of view because it seems to him that the Trustees have been extremely forbearing. Stating that he wished to comment on several aspects of the process for selecting Trustees, he began by saying he did not believe numbers were too important. However, he expressed the opinion that the faculty should extend the Trustees the courtesy of recognizing their attempt to increase efficiency by having a smaller body. Professor Messing said he attached more importance to the process of electing Trustees, and as far as faculty representatives were concerned, he considered the process had been unacceptable because we merely were providing representatives to do what the Trustees should be doing, that is, guaranteeing some kind of input from the community. While Professor Messing said he was unable to comment on employees, he offered the opinion that students had been extremely annoying from a number of points of view. To understand the situation, he claimed it was necessary to look back in time. Going back to the period of trouble in 1969, Professor Messing contended that faculty and administration put into effect a number of measures, and made certain concessions, which he saw as exceedingly unwise. One of them was the University Senate, which to Professor Messing's mind, was a loser from the beginning. There was never enough interest in it, he claimed; it was something the university stimulated artificially with money and then had to give up because there wasn't enough interest from any quarter. An even worse concession, it seemed to Professor Messing, was the student trustee issue. Here, he pointed out there has not been a year when students voted for their candidates in sufficient numbers to warrant the seating of a trustee. The result, he held, was that those who have been elected student trustees have been the most politicized members of the student body, and by politicized, Professor Messing said he meant actively on the left. There are a number of student trustees who have represented nothing except their own world outlook and all of them have been devoted to activity on behalf of some special cause. In two cases, he thought, student members ratted on the trustees, deliberately revealing matters being discussed by trustees in committee, for what he considered to be reasons of publicity, selfaggrandizement, and campus politics.

Professor Messing thought it would be a very good idea to reconsider the whole question of student trustees; particularly, to consider whether in order to get student input, it might be better to have some kind of list where a student would put himself forward, perhaps with a list of signed supporters, for consideration from which the Trustees as a whole could make a selection. In other words, Professor Messing said, he favored not only cutting the number of Trustees, but improving the system by which they were elected.

Professor Walter R. Lynn, Civil and Environmental Engineering, and Director of the Program on Science, Technology and Society, spoke as a current Faculty Trustee. He said he wished to respond to the Professor of Classics because he had described student trustees whom Professor Lynn had not seen. Professor Lynn said a distinction should be drawn between the student selection process and the processes used for other members. He held that the student process forces them, in a sense, to take very political positions, which have frequently been ill-advised. This manner of selection, he pointed out, may be contrasted with that of the faculty candidates, who make no statements whatsoever about their positions, and are elected by some strange process. There have been occasional student trustees whose behavior has not been appreciated, Professor Lynn said, but it would be wrong to project their actions over that total group who largely have been active, contributing members of the Board, as fully as other Trustees have been.

Emeritus Professor John H. Whitlock, Parasitology, moved the previous question, which was seconded, voted on and carried.

The Speaker called for a vote on the resolution as amended, which carried as follows:

**RESOLVED**, that the faculty urges the members of the Board of Trustees of Cornell University to reject any proposal for restructuring of the Board that calls for a reduction in the percentage of the seats to be held by members of the student, faculty and employee bodies of the Ithaca community, or that takes away from those bodies the privilege of election of those members who are to occupy the trustee seats.

There being no further business to be brought before the Faculty, the Speaker declared the meeting adjourned at 5:48 p.m.

Harlan B. Brumsted  
Secretary

## The Week in Sports

Ten Big Red teams have competition planned in the next four days as the Cornell sports scene comes to a brief close for exams. Six events are scheduled at home as Monday marks the end of action for the first semester.

The wrestling, men's polo, men's hockey, men's swimming and women's bowling teams will all finish the first half of their seasons at home. Hitting the road the next few days are the women's hockey, men's basketball, women's fencing and men's and women's track teams.

The Big Red wrestling team takes on St. Lawrence in its home opener on Friday night at 7:30 p.m. in Teagle Hall. Coach Andy Noel's squad, which opened its dual meet season against Syracuse on Wednesday, should be one of the top teams in the Ivy League again this winter, as a strong group of 13 lettermen return from last year. In addition, several promising freshmen figure to help right away. Among the top performers for the Red are Bob Arao (second team All-Ivy at 118 pounds last season), Pat Welch (honorable mention All-Ivy at 150), Mike Mankowich (team MVP a year ago and first team All-Ivy at 158 pounds), Terry Kent (first team All-Ivy at 190) and Dan Suren (second team All-League). Over the last five years, Andy Noel has guided the team to an overall 51-22-1 record (a .696 winning percentage)

## Ecumenical Holiday Program Scheduled

An Ecumenical Candlelight Christmas Service will be held at 7 p.m. Saturday, Dec. 11, in Sage Chapel.

The service will consist of readings and carols by representatives from the Southern Baptist Student Ministries, Catholic Folk Choir, Korean Church, Presbyterian Bell Choir, Protestant Cooperative Ministry and the Lutheran Church.

The service will be coordinated by Karen Garman '84, a member of the Protestant Cooperative Ministry at Cornell.

## Parking Is Prohibited Overnight On Roads

Overnight parking is prohibited on the main roads and in the parking lots at Cornell University from Dec. 1 to April 1 to facilitate snow removal, according to William E. Wendt, director of Transportation Services.

Any vehicles found in these areas between 2 a.m. and 5 a.m. will be ticketed and in many cases will be towed away, he said.

Persons who must park in these areas overnight must request special permission in advance from the Department of Public Safety in Barton Hall.

The restriction does not apply to dormitory lots and the University's parking bays at Research Park.

## SAGE CHAPEL

### Speakers Scheduled Next Two Sundays

The Rev. W. Jack Lewis, director emeritus of Cornell United Religious Work, will speak at the 11 a.m. Sunday, Dec. 12, Sage Chapel Service. His topic will be "The WORD is Compassion."

The following Sunday, Dec. 19, at 11 a.m. Cornell's Senior Episcopal Chaplain The Rev. Gurdon Brewster will speak at Sage Chapel.

Lewis came to Cornell in 1964 as associate director for service at CURW. He was appointed director in 1965, a position he held until his retirement in April 1981. A Presbyterian minister, Lewis was founder/director of the Christian Faith and Life Community alongside the University of Texas, 1952-64. During World War II he served as chaplain in the Navy and Marine Corps in the South Pacific. Lewis continues to serve as a pastoral counselor and consultant in the Ithaca area.

Brewster came to Cornell in 1965 as associate Episcopal chaplain and was appointed to his present position in 1969. He is a graduate of Haverford College and Union Theological Seminary. He spent a sabbatical year as a Danforth Fellow at Union during 1970-71. He has directed a continuing education program for area clergy, has training as a Gestalt therapist and is a founding member of the Pastoral Counseling Center in Ithaca.

The Episcopal Community at Cornell, which regularly holds services in the Anabel Taylor Chapel, will join with the Sage Chapel congregation for the services on the 19th.

Music for the Dec. 12 service will be provided by the Sage Chapel Choir under the direction of Donald R.M. Paterson, university organist and Sage Chapel choirmaster. Glenn Burdette serves as graduate assistant and accompanist.

The Dec. 19th service will be the last for this semester.

## Semester's Action Nears End

with four second place finishes in the Ivy League and one third place showing.

The men's polo team has a two-game series with the Culver Military Academy this weekend. The two squads play on Friday night at 7:30 p.m., and then the next evening at 8:15 p.m. Last year, Cornell played the Culver Military Academy six times and won three of the contests.

The Big Red men's hockey team plays a rare Sunday evening game this weekend, opening the Ivy League season against rival Harvard at 7:30 p.m. in Lynah Rink. Cornell, which traveled to St. Lawrence on Wednesday, won its first ECAC game of the year on Saturday with a 5-3 victory over Boston University, to improve its overall record to 3-1-1. Freshman wing Duanne Moeser has been a very valuable addition to the team, as he scored two goals against BU and leads the Big Red in scoring with four goals thus far, having allowed just 14 goals while stopping 141 shots in five games.

The men's swimming team will also compete on Sunday at home, taking on Columbia at 1 p.m. in the Teagle Pool. The Red mermen have a 1-1 dual meet record on the season, having defeated Colgate (57-56) while losing to Army (6S-45). Junior John Redel was a double winner for Cornell in the Army meet, capturing both the 500 and 1,000-yard freestyles.

The women's bowling team finishes its first semester schedule with a dual match against Elmira College. The Big Red is currently 2-0 on the season with wins over Ithaca College and Binghamton. Last season, the squad defeated Elmira twice.

In away events, the men's basketball and women's hockey teams both have two games on the road in the next four days. The basketball teams travel to the Midwest to play Northwestern on Saturday and Cleveland State on Monday. The cagers, which faced Colgate in Hamilton on Tuesday, lost to a talented Northeastern team on Saturday, 74-58. Sophomore Ken Bantun leads the club in both scoring and rebounding with respective averages of 14.0 points and 6.3 rebounds per game. George Hall is scoring at a 12.8 clip, while Brad Bomba is averaging 11.8 points a contest.

The women's hockey team hits Boston this weekend for games with Harvard on Saturday and Boston University on Sunday. The women have already lost twice to a Boston area team, dropping two games to Northeastern to open the season.

Elsewhere, the men's and women's track teams have another combined relay invitation on Saturday, as the two teams participate in the Syracuse Relays. And the women's fencing team competes at the NIWA Christmas Invitational at Montclair State on Sunday.