

# Cornell Chronicle

Volume 13, Number 18

Thursday, February 4, 1982



Back home again, wrapped around the tree in front of Day Hall, is a VW Bug that was designed as a present for President Rhodes from the Engineers' Week Committee. Members of that group are giving the business to James Kidney, director of buildings and grounds care. (For details, see story on Page 3.)

## Graduate Enrollment Quota Is Eliminated

The enrollment quota for the Graduate School has been eliminated and the school's enrollment may increase from 3,600 to 3,860 over the next five years.

The action came at last weekend's meeting of the Cornell Board of Trustees in New York City.

The decision was based on a recommendation from the Ad Hoc Committee to Study the Graduate School, according to University Provost W. Keith Kennedy. Dean Alison Casarett and the General Committee of the Graduate School strongly supported the recommendation, he said.

The 11-member faculty committee chaired by Peter C. Stein, vice provost and professor of physics, was formed last August to conduct a normal, periodic review in 1981-82 of the unit, Kennedy said.

"The committee has made a careful assessment of the faculty and facility resources at Cornell," Kennedy said, "and has concluded

that the university has the capability of handling up to 260 additional graduate students."

Kennedy said the committee also studied the impact of the additional students on Cornell's housing and dining facilities and "concluded that it would be very modest."

The committee reviewed the implications of the graduate student enrollment increase because "there is a very high demand for increased numbers of doctorates in engineering, the physical and biological sciences and other selected fields," according to Kennedy.

In its action, the board reaffirmed its desire to see the Ithaca campus enrollment goal for the undergraduate and professional schools and colleges remain at its current level — 13,075.

The increase in graduate students will produce a new total Ithaca campus enrollment goal of 16,935. In February 1980, university officials had set that goal at 16,675.

## Endowed Non-Exempt Employees Will Receive 3% Pay Increase

A special 3 percent salary rate increase for some 1,400 eligible non-exempt employees of the endowed units on the Ithaca campus will be effective Feb. 18, according to a memorandum from University President Frank Rhodes.

All eligible staff will receive a salary increase of 3 percent of the first \$12,000 of their annual base pay, Rhodes said, with the increase appearing in the March 11 paychecks.

Eligible employees are those now on the payroll who were on the payroll on or before July 1, 1981. Employees in bargaining units are not eligible because they are covered under the terms of their collective bargaining agreements.

Examples of how the salary increase will affect eligible employees are:

An eligible employee who now has an annual salary of \$12,000 will receive an annual salary rate of \$12,360 as of Feb. 18. An eligible employee now making \$10,000 per

year will receive an annual rate of \$10,300. An eligible employee now making \$15,000 per year will receive an annual rate of \$15,360.

Rhodes said the increase was made as a result of regular reviews of pay and benefit programs of local employers and for Cornell's statutory and endowed employees.

This increase will narrow the gap between endowed and statutory employees doing similar work, he said.

"We believe that this special salary increase...will help Cornell meet its goal of equity among endowed and statutory compensation programs," Rhodes said.

Persons with questions concerning this salary increase should contact their supervisor, payroll clerk or University Personnel Services at 256-5544.

This raise is the first phase of a planned compensation program for 1982-83 which should result in common pay ranges and practices for all non-exempt employees, both statutory and endowed, by July 1982,

Rhodes said. Details of the remainder of the program are expected to be announced by early spring.

Rhodes said, "I believe Cornell is fortunate to have a support staff that is committed to our primary educational mission and who work long and hard to keep us the outstanding institution that we are."

"Though we hear of hard economic times in the country and even among businesses in Ithaca, Cornell has been fortunate in having an enviable record of stable employment. This special increase is intended to demonstrate our belief that Cornell's support staff is critical to maintaining our leadership position."





## Judicial Administrator

### Case Reports, November 1981

| NO. OF PERSONS | VIOLATION  | SUMMARY DECISION  |
|----------------|--|---|
| 3              | Theft of food from Dining  | WRITTEN REPRIMAND and \$10 fine OR 3 hours of community service |
| 2              | Illegal entry into Dining  | WR; \$10/3 hrs. of c.s.   |
| 1              | Theft of food from Dining  | WR; \$20/7 hrs. of c.s.   |
| 2              | Theft of items from Dining   | Oral Warning  |
| 1              | Theft of food from Dining  | WR; \$30/10 hrs. of c.s.  |
| 1              | Theft of food from Dining  | WR; \$20 suspended fine   |
| 2              | Misbehavior in Dining  | WR  |
| 1              | Attempted theft of food from Dining  | Oral Warning  |
| 1              | Possession of a stolen book and attempted re-sale of same                          | WR; \$75/25 hrs. of c.s.  |
| 1              | Purchase of a controlled substance   | WR; \$50 fine(\$25 suspended) \$25/8 hrs. of c.s.               |
| 1              | Failed to leave room in Res. Hall during a fire alarm                              | WR; \$25/8 hrs. of c.s.   |
| 1              | Pulled a false fire alarm  | WR; \$125/42 hrs. of c.s.                                       |
| 2              | Endangerment to others   | WR; \$125 fine(\$50 suspended) \$75/25 hrs. of c.s.             |
| 1              | Attempted theft of liquor from the Thirsty Bear and non-compliance                 | WR; \$75 fine(\$15 suspended) \$60/20 hrs. of c.s.              |
| 2              | Harassment of another person   | Oral Warning  |
| 1              | Made a bomb threat   | WR; \$125 fine(\$50 suspended) \$75/25 hrs. of c.s.             |
| 1              | Alteration of a "U" parking permit   | WR; \$50/17 hrs. of c.s.  |
| 1              | Alteration and misuse of a "U" parking permit                                      | WR; \$100 fine(\$50 suspended) \$50/17 hrs. of c.s.             |
| 1              | Use of a fake "U" parking permit   | WR; \$50/17 hrs. of c.s.  |
| 1              | Misuse of a "U" parking permit   | WR; \$50/17 hrs. of c.s.  |
| 1              | Misuse of a "U" parking permit   | WR; \$50 suspended fine   |
| 1              | Alteration of an "O" parking permit  | WR; \$50 suspended fine   |
| 1              | Theft and misuse of a "U" parking permit   | WR; \$100/33 hrs. of c.s.                                       |
| 1              | Theft of wallet from Campus Store  | WR; \$75/25 hrs. of c.s.  |
| 1              | Use of false I.D. at Thirsty Bear  | WR; \$35/12 hrs. of c.s.  |
| 1              | Discharge of a fire extinguisher   | WR; \$60/20 hrs. of c.s.  |
| 1              | Alleged involvement in an attempt to break into a Res. Hall room                   | Oral Warning  |
| 1              | Damage to a lock while being involved in an attempted break-in of a Res. Hall room | WR; \$50/17 hrs. of c.s.  |

### Case Reports, December 1981

| NO. OF PERSONS | VIOLATION   | SUMMARY DECISION  |
|----------------|---|---|
| 2              | Non-compliance with a traffic booth officer           | WRITTEN REPRIMAND and \$25 fine OR 8 hours of community service |
| 1              | Misbehavior in a Dining Hall                          | Oral Warning  |
| 1              | Failure to comply with the Noyes Pub manager          | WR; \$25/8 hrs. or c.s.   |
| 1              | Alteration of a "U" parking permit                    | WR  |
| 1              | Alteration and misuse of a Univ. parking permit       | WR; \$50 suspended fine   |
| 1              | Alteration of a Johnson Museum permit                 | WR; \$30/10 hrs. of c.s.  |
| 2              | Photocopied a "U" parking permit                      | WR; \$40/13 hrs. of c.s.  |
| 1              | Misuse of a parking permit                            | WR; \$50/17 hrs. of c.s.  |
| 1              | Forgery and possession of a stolen "S" parking permit | WR; \$100 fine(\$50 suspended) \$50/17 hrs. of c.s.             |
| 2              | Damage to University property                         | WR; \$125 fine(\$50 suspended) \$75/25 hrs. of c.s.             |
| 1              | Failure to comply with a Res. Hall advisor            | \$100 restitution<br>Oral Warning                               |

# Summary of Trustee Actions At Last Weekend's Meetings

This summary journal of last weekend's trustee meetings in New York City does not include confidential items which came before the meeting or items on which separate articles are carried in this issue of *Chronicle*.

1. Minutes of the meeting of the Board of Trustees held Oct. 30-31, 1981, were approved. Minutes of the Executive Committee held Dec. 8, 1981, were approved, and Executive Committee minutes of July 14, 1981 were ratified and confirmed.

2. President Frank Rhodes reported on matters of current campus interest.

3. The president was authorized to confer degrees at the end of appropriate periods in January, May and August upon candidates who will have fulfilled all necessary requirements, all in accordance with recommendations of their respective faculties.

The following reports were received.

4. Reports of the Buildings and Properties Committee by Trustee Committee Chairman Earl R. Flansburgh.

5. A report by the Secretary of the Corporation Walter J. Relihan Jr. that the State Senate has confirmed the Governor's appointment of Sol M. Linowitz to a third five-year

term as University Trustee.

6. A report by Relihan of the reelection of Bernard W. Potter as president of the New York State Agricultural Society for 1982, continuing Potter's ex-officio membership on the Board of Trustees.

7. The appointments of Kenneth T. Derr as chairman and Albert E. Arent as vice chairman of the Audit Committee replacing C.K. Poe Fratt whose term as trustee will expire June 30, 1982.

8. A report of the Investment Committee by Trustee Committee Chairman Nelson Schaeen Jr.

9. The annual report of the Audit Committee was presented by Chairman Fratt.

10. A report of the ad hoc committee to study the structure and functioning of the Board of Trustees was presented by Committee Chairman Austin H. Kiplinger.

11. Vice Provost James W. Spencer reported on progress and development of budget policies for 1982-83 to be presented to the board in March.

12. Dean of Admissions and Financial Aid James J. Scannell reported on the outlook for federal funding for financial aid and discussed alternative policies being considered for financial aid to Cornell students in 1982-83.

13. Academic Affairs Committee Chairman Marjorie L. Hart reported on activities of the committee including a statement of admission objectives.

14. A report on the New York State College of Veterinary Medicine was presented by Dean Edward C. Melby, including a report of changes in enrollment patterns, faculty staffing, facilities and accreditation. He was assisted by Dr. Gerald P. Murphy, Director of Roswell Park Memorial Institute in Buffalo, and immediate past chairman of the college's advisory council.

15. A report on the Medical College — its current status, outlook and planning for the future — was presented by Provost for Medical Affairs Thomas H. Meikle Jr.

16. A report of the Cornell Fund and the Tower Club was presented by Chairman Patricia C. Stewart.

17. A report of gifts received through December 1981, was presented by Vice President for Public Affairs Richard M. Ramin.

18. Memorial resolutions were adopted to honor the late Trustee Emeritus H. Victor Grohmann, former Faculty Trustee Norman Penney and former Alumna Trustee Alice Blinn.

## Geology Building Budget Okayed

A budget of \$12.5 million to build and equip the university's new Geological Sciences facility has been approved by the Board of Trustees.

Meeting last weekend in New York City, the Executive Committee of the Board of Trustees authorized budget increases for construction of the geology facility and for renovations to Goldwin Smith and Rockefeller Halls.

Original plans called for a Geological Sciences facility to be built as an addition to Kimball Hall at a cost of \$6 million. Now planned is a separate, four-story structure between Cascadilla Creek and Hollister Hall that will consolidate all of geological sciences into one building. A groundbreaking in the fall of 1982 is expected for the building, which will include 44,000

square feet of usable space for laboratories, classrooms and offices.

The budget for the renovations in Goldwin Smith and Rockefeller Halls will increase from \$3,678,250 to \$3,778,250. The additional funding will enable planning and design work to continue for the balance of the renovation program.

## Floriculture Construction Approved

The Board of Trustees has approved construction of a new facility for the Department of

Floriculture and Ornamental Horticulture, has chosen a site for a proposed food processing laboratory, and has authorized installation of a telecommunications system for the College of Veterinary Medicine.

At a weekend meeting in New York City, the University Trustees

approved construction of a building at the floriculture test garden between Cornell Plantations and Forest Home Drive.

The southwest corner of the Tower Road and Judd Falls Road intersection was designated as the site for a food processing and development laboratory which is proposed for the College of Agriculture and Life Sciences by the State of

New York. The state is expected to spend \$650,000 planning the high-technology laboratory.

Also authorized was installation of a new telecommunications system to serve the internal and external needs of the College of Veterinary Medicine. The system, which employs digital switching technology, is estimated to cost \$400,000.

## Cornell Chronicle

Editor, Randall E. Shew. Staff writers, H. Roger Segelken, Robert W. Smith, Barbara Jordan-Smith, Martin B. Stiles. Photographer, Sol Goldberg. Circulation Manager, Joanne Hanavan.

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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.

## 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**  
Assistant Football Coach, CP5 (Phys. Ed. & Athletics)  
Research Support Specialist II, CP4 (Ag. Engr.)  
Research Support Specialist I, CP3 (Div. Nutr. Sci.)

**Clerical**  
Administrative Aide, GR21 (Cntr. for Int'l Studies)  
Secretary, GR19 (Vet. Microbiology)  
Secretary, GR18 (Seed & Veg. Sci., Geneva, NY)  
Accounts Assistant, GR17 (Controller's Office) (Accounting)

**General Service**  
Greenhouse Worker, GR18 (Seed & Veg. Sci., Geneva, NY)  
Custodian, SO16 (Varied)

**Technical**  
Technician, GR22 (Pharmacology)  
Computer Operator, GR22 (Animal Science)  
Technician, GR20 (Clinical Sciences)  
Technician, GR20 (Plant Pathology, Geneva, NY)  
Technician, GR19 (Vet. Microbiology) (Baker Institute)  
Technician, GR18 (Equine Drug Testing Prog., Vernon Downs Raceway)

**Part-time and/or Temporary**  
Secretary, GR18 (Coop. Ext., NYC)  
Secretary, GR16 (Seed & Veg. Sci., Geneva, NY)

**Temporary Lab. Tech., T3 (Agricultural Engineering)**

**Academic**  
Assist. Prof. of Soil Sci (Agronomy)  
Assist. Prof. (Agricultural Engineering)  
Assist. Reference Librarian (Uris Undergrad. Library)  
Assist. Prof. (or possible Jr. Assoc. Prof) (Physics/LASSP)

The Job Opportunities list is mailed to all Cornell departments. In addition, it is posted in the following places: Day Hall Information Desk, second floor lobby; at the Circulation and Reference Desks of all university libraries; in the Map and Newspaper Section, Olin Library; all college and technical libraries; Roberts Hall Post Office substation and in the Upper Activities corridor, Willard Straight Hall.



# Engineers' Present Is Wrapped...Around a Tree

Frank Rhodes' Engineers' Week present is back in place, "wrapped" around a tree in front of Day Hall.

Peter Poole '82 is calmer now. James Kidney is going to get an honorary "degree."

All of this because of a well-orchestrated stunt that went awry because one key person wasn't notified.

The Engineers' Week committee decided (see text of its letter below) that a Volkswagen Beetle, properly torched so that it would fit around a tree without hurting the tree, would be an appropriate engineering statement in observance of the week.

The group also decided that President Rhodes would be an appropriate recipient of the gift.

The chairman, Poole, cleared the placement of the altered Bug with Dean of Students David Drinkwater, with the Department of Public Safety and with the Office of Life Safety.

One person who wasn't informed was Kidney, director of buildings and grounds care, who has as one of his duties seeing that the campus is clear of trash and graffiti. When he saw what appeared to be a very large piece of trash wrapped around a tree in front of Day Hall, he had it hauled away.

When Poole came out of a mid-morning class and saw that the VW was no longer in its place, he called Public Safety to report that his group's present to Rhodes had been stolen.

When Kidney was finally filled in on the details, he made a hurried call to the county landfill, where the battered Bug had been taken, to say, "Don't crush it!"

By early afternoon, the present was back in place and Poole was placated. So much so, in fact, that he decided his committee would present Kidney with an honorary degree this Friday, a Ph.D.—for Pick, Haul and Demolish.

Here is the text of the message that accompanied the engineers' present:

Dr. Frank Rhodes  
Professor of Geology  
(and President of Cornell University)

Dear Professor:

To celebrate Engineers Week Festival in honor of the creative engineers at Cornell, we have placed a gift representing engineering ingenuity outside Day Hall.

The gift portrays the synthesis of technological genius and aesthetic design so highly valued by the engineer of the '80s. Like the best of modern engineering it exists in harmony with nature; we insured the technology to assemble the gift that would not harm snow or air — nor the tree. The gift required beer and creativity to design (this was natural for us) and it was easy to build. What was hard was to decide who at Cornell should receive the benefits of this triumph of modern technology.

We thought the architects might want it to support their excuse for a dragon but then we thought of others, since architects are always using what engineers create.

We thought Dr. Sagan could send it into space instead of gold hieroglyphs to express mankind's union of art and technology, or the synchrotron might use it instead of the bicycle.

Or perhaps the Artsies might like it in their search for jobs.

Then again, maybe the gift should go to Hotelies so they can introduce a happy but demanding technical course, Hotel 759, "Advanced Dynamics of Chauffeur, Skill and Limousine Etiquette." But we were afraid of intoxicated drivers due to other hotel courses such as "Pot Brownies with the Dean 101" and "Wines 337" and we're disappointed to learn that the Hotelies would need an automatic transmission.

We didn't overlook the Home-Eccies either; they would certainly enjoy our gift for those quick trips to the grocery store.

We could have given it to ILR's



Up in the air, literally and figuratively, is a Volkswagen Beetle that was 'wrapped' around a tree as an Engineers' Week present to President Rhodes. (See accompanying story.)

Frontlash, but it isn't made in America.

And the Aggies, well, the Ag school doesn't need any more help; they are already blessed with their own engineers.

But, Professor, we have not given our gift to these groups. We did not want only one college to enjoy the honor of the Engineer's Week gift for that would cause jealousy, jealousy which would only harm the diversity of Cornell.

What would Ezra have done? Ezra, the idealist, the engineer who with a vision characteristic of his profession, founded a university for

diversity. This diversity carries on to this day. Apart from 18 percent tuition hike, the diversity is not threatened, indeed it is enhanced by the charming eloquence of a professor in the Department of Geological Sciences in the College of Engineering, President Frank H.T. Rhodes. President Rhodes, we offer our gift to you.

Please accept this gift as a token of our appreciation for your support of the engineers and for directing so many research funds our way. If you wish to thank anyone, please honor us all by your presence at the Engineers Ball this Saturday. For instance, we will be happy to sell you a ticket at the Co-op Engineer-

ing Office, or at the exposition on Thursday at the Straight Memorial Room. However, if you happen to be out of town on one of your innumerable trips, we hope you will enjoy taking this gift. If you accept it you will have no peers. No president of a peer institution has such a specially engineered vehicle painted in the university colors and embellished with the ecology native to the campus. With our grateful admiration, we the engineers, are happy to present to you the gift outside Day Hall.

Yours truly,  
Clark J-D Peters

P.S. Don't get carried away with joy and wrap yourself around the tree!

## Social Trends to Be Conference Focus

How changing policies are affecting America's quality of life will be the focus of this year's annual Cornell University Social Trends and Outlook Conference on Feb. 17-18 at the Sheraton Inn Conference Center.

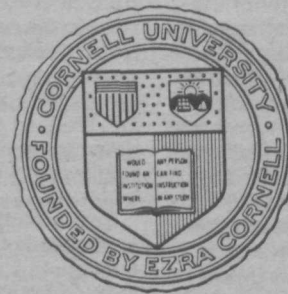
The program includes presentations by Cornell faculty on federal and state budget processes and changes in social programs, economic changes faced by families,

the quality of life of the poor, mobilizing agency resources for the chronically mentally ill and aged infirm, and enrollment and fiscal changes confronting schools.

Also to be discussed are population and housing trends, issues in land ownership control, and the new role of government in hazardous waste and land use planning.

For more information, contact

David Deshler, Department of Human Service Studies, New York State College of Human Ecology, Cornell University, Ithaca, NY 14853 at (607) 256-7770. For registration call Brenda Creeley, Department of Rural Sociology, New York State College of Agriculture and Life Sciences, (607) 256-2072.



## New Director Named for United Religious Work

Robert L. Johnson Jr., president of the National Institute for Campus Ministries in Newton Centre, Mass., has been appointed director of Cornell United Religious Work. He will assume his duties on a full-time basis around May 1.

Johnson replaces the Rev. W. Jack Lewis, who served as director of CURW from 1965 until his retirement in April 1981. Rabbi Morris Goldfarb has served as acting director since Lewis' retirement.

In commenting on Johnson's appointment William D. Gurowitz, Cornell's vice president for campus

affairs said, "I am pleased that Bob Johnson will be joining Cornell as director of CURW. His background and experience make him an ideal choice for the position. Bob and his wife, Katie, will be great assets to the Cornell and Ithaca communities. I look forward to their arrival."

Johnson, a 1952 graduate of the University of North Carolina at Chapel Hill, was ordained in 1954 in the United Methodist Church. He received his master of divinity degree from Union Theological Seminary in 1955 and a master of

theology from Harvard Divinity School in 1968. While he was at Harvard, he was the recipient of a one-year Danforth Study Grant.

Johnson has been with the Institute for Campus Ministries since 1975, serving for four years as its Southern Regional Director at Duke University and as National Program Director for one year. He became president of the organization in 1980.

Johnson served as director of The Wesley Foundation at UNC from 1957 to 1975 and was associate pastor of the White Temple United

Methodist Church in Miami, Fla. from 1955 to 1957.

He has published several articles in The Christian Century, The Christian Advocate, the Union Theological Review, The Journal of Presbyterian History and the Duke Divinity Review, among others. His book, "Counter Culture and the Vision of God," was published in 1971.

Johnson served as the first president of the Coordinating Council of Professional Religious Associations in Higher Education (1973). Other offices he has held include chairman of the Chapel Hill Drug Action

Committee (1973-75) and president of the Association of Wesley Foundations (1964-68).

"I was attracted to Cornell because of its long commitment to the presence of the religious community in the learning process," Johnson said. "It honors religious pluralism without embracing the imperialism of any particular community. I was also impressed with the character of openness and innovation that seems to be an integral part of the Cornell tradition."



# Agricultural Research Has Productive Year

## More and Fresher Milk, Larger Eggs, Wine from Whey Among Results

Cornell University scientists boosted milk yields in cows, froze and preserved cattle embryos longer to genetically improve calves, triggered larger eggs with stronger shells in chickens, kept milk and fish fresher, longer with brief heat treatments, and made wine from whey — a waste by-product from cheese manufacturing.

These are just some of the major research advances and breakthroughs reported in 1981 by the State College of Agriculture and Life Sciences. These and other findings ultimately will benefit this nation and the world in meeting the increasing food needs for an ever expanding population.

Cornell researchers also found acid snow even more toxic than acid rain during the period of snow melt, and discovered human heart stimulants in fireflies. For the first time, they successfully raised black flies in captivity, developed a disease-resistant alfalfa variety and an easily harvested black bean, and discovered that plant cells can keep out dangerous microorganisms.

Years of efforts culminated in a methane production system, making widespread on-farm energy production a possibility. Also developed was a computer analysis designed to help farmers adopt the system suitable to their own farm conditions. Another project that got off the ground involved running diesel-powered farm equipment with vegetable oils from oil-yielding seed crops; initial results were encouraging.

One of the major strides recorded

by Cornell animal scientists involved injection of natural growth hormone, extracted from bovine pituitary glands, into dairy cows on a daily basis. The result — increased milk yields of 10 to 40 percent without using any extra feed, and the quality of the milk was just as good.

Synthetic growth hormone, produced by microorganisms equipped with cow genes that direct production of the hormone, is now being tested to see if it has a similar effect. If so, it will pave the way for widespread use of this substance to increase food production around the world.

Embryo transfer technology was improved dramatically in 1981, enabling a cow of outstanding genetic background to "mother" 50 or more calves a year without bearing the young herself. Her embryos now can be removed nonsurgically and placed in surrogate mothers, resulting in greater genetic improvement in dairy and beef cattle. Fertilization of cow ova in test tubes also is becoming a distinct possibility.

Chickens have their own sense of timing, with daily cycles of about 26 to 28 hours, which explains why chickens don't lay eggs punctually every 24 hours. Based on this knowledge, Cornell scientists "stretched" the chicken's day to 28 hours and drastically reduced the hours of light in poultry houses. By enabling the birds to follow their own "biological clock," chickens in the Cornell experiments produced consistently larger eggs with shells 10 to 12 percent stronger. The problem

of weak egg shells alone costs poultry farmers millions of dollars annually in losses.

In food science, a dry white table wine was made from cheese whey, a waste product now considered an environmental problem, and a tasty new canned fish product made of pollock was test-marketed successfully.

Other advances included doubling the shelf life of fresh fish by "blanching" or dipping the fish in hot water for two seconds before putting them on ice. And, a ten-second heat treatment of milk before pasteurization extended its shelf life.

Acid precipitation continues to be a menace to fish in Adirondack Mountain lakes, but Cornell studies showed that acid snow may be even more detrimental than acid rain. In the spring, the snow melt and runoff result in concentrations of highly acidic water which tends to collect in the upper layer of lakes, just beneath the ice, threatening aquatic life living there, including fish.

In the world of insects, Cornell researchers found that the chemical in fireflies that makes the blinking bugs so distasteful to predators is a human heart stimulant which someday may be used to treat certain heart conditions.

To counter some of the nasty insects which plague humans and domestic animals, Cornell entomologists successfully bred blood-sucking black flies in captivity. This opened up new avenues of research leading to biological controls, repellents, vaccines, and

chemotherapy to combat this disease-transmitting pest. And, after 20 years of research, an effective chemical control method to prevent cluster fly infestations affecting homes, restaurants, office buildings, and hospitals each year was finally approved by the federal government for widespread use.

While scientists worked hard to deal knock-out blows to pesky insects, tiny bee mites were found to be killing honeybees in many parts of the world. Although the U.S. has not been invaded yet, Cornell researchers have been monitoring their spread. With no known methods of combatting the Asian bee mites, at stake are 800,000 tons of honey produced annually around the globe, but more importantly many agricultural crops may suffer from inadequate pollination if the honeybee population is crippled.

Honeybees also are threatened by humans using pesticides intended for destructive pests. More than 4,500 bee colonies in New York State have suffered heavy damage, with even greater kills reported in Arizona and California. Cornell scientists are working to develop ways to save the beneficial honeybee.

Meanwhile, public-spirited residents of central New York responded overwhelmingly to a Cornell appeal last spring for live queen yellowjacket wasps needed in a study to raise them in captivity. As a result, researchers moved closer to their goal of collecting pure venom in large quantities to develop antidotes to counteract the poisonous stings of yellowjackets.

Cornell plant breeders announced a new alfalfa variety — "Oneida" — that resists phytophthora, a root-destroying disease, and the new "Midnight" black bean, which can be harvested easily, made its debut. For home gardeners, vegetable crops specialists found that several quick-maturing varieties of the sweet potato could do well in the Northeast.

Also considered a significant development, Cornell researchers grew vegetables in a field of clover and found that the vegetables reaped many of the benefits of the legume's ability to fix nitrogen. Yields were improved by as much as 75 percent, half the fertilizer was used, and soil structure was improved.

And, Cornell cell biologists discovered that living plant cells have a unique ability to fight disease-causing fungi by forming impenetrable blockades inside the cell walls. The findings could lead eventually to disease-resistant varieties of important food and ornamental crops.

On the energy front, agricultural engineers completed their tests on a low-cost methane digester which produces a clean-burning fuel from animal wastes. To spur widespread use of this technology by dairy, poultry, or swine farmers throughout the United States, a computer analysis was made available to interested farmers.

## People

**Ravindra Nath Sudan**, IBM Professor of Engineering and professor in the Departments of Electrical Engineering and Applied Physics, has been re-elected director of the Laboratory of Plasma Studies for a four-year term. A member of the Cornell faculty since 1959, Sudan has been director of the laboratory since 1975. He did his undergraduate work in Lahore, Pakistan, and Bangalore, India, and received his Ph.D. degree from Imperial College in London in 1955. His research has concentrated on the physics of very high temperature plasmas in controlled thermonuclear fusion experiments and to a lesser extent in space physics. More recently he has pioneered the development of techniques for generating very powerful beams of ions for application to fusion research.

**Richard H. Lance**, associate professor in the Department of Theoretical and Applied Mechanics at Cornell University, has been elected professor in that department. Lance's research has focused on the fields of plasticity and mechanics of materials. Lance has served twice as acting chairman of his department. He was associate dean of the College of Engineering from 1974 to 1980, was co-director of the Engineering Cooperative Program, and was recently named a member of the Common Curriculum Governing Board for the College of Engineering.

**Dr. Gregory A. Weiland**, assistant professor of pharmacology in the State College of Veterinary Medicine, has received two grants to study neurotransmitter receptor sites in the central nervous system from the Pharmaceutical Manufacturers Association Foundation. The grants, totaling \$63,000, will enable Dr. Weiland to study interactions between nicotinic and substance P receptors in the brain.

Several appointments have been announced in University Libraries: **Carolyn O. Hunter** has been appointed assistant librarian in the Catalog Department of Olin Library as Romance languages/sciences cataloger. Prior to coming to Cornell Hunter was employed as copyright administrator; public relations for library services and royalty administrator for European American Music Distributors Corp. in Totowa, N.J. **Jen-yuan Wang** has been appointed as head of the East Asian Section of the Catalog Department of Olin Library. Before coming to Cornell Wang worked as traffic manager of the Sino-Am. Marine Corp in New York City. **Linda Guyotte** has been appointed as assistant reference librarian in the Albert R. Mann Library. Before coming to Cornell she was employed as librarian at Oakland University in Rochester, Mich. **Marianne L. Aarons** has been appointed as acquisitions librarian in the Cornell Law Library. She was previously

employed in the Tabitha, Inc. of Rochester, N.Y. **Elizabeth H. Ginkel** has been appointed as catalog librarian in the Cornell Law Library. She was previously employed at the Glenn G. Bartle Library at SUNY Binghamton.

**Nancy S. Skipper** has been named an assistant librarian in the Reference Department of Olin Library. She was reference librarian at Oberlin College before assuming her duties at Cornell Dec. 1. Skipper received her M.L.S. from the Graduate School of Library and Information Science at the University of California at Los Angeles.

**Carolyn B. Cook**, who holds two degrees from the State College of Human Ecology, has been appointed director of alumni affairs at the college. She is responsible for implementing alumni programs and related activities, including parents' and homecoming weekends, and will serve as liaison with other committees at the university. In addition, she will assist in the preparation of Human Ecology News, the alumni publication, and organize workshops for alumni. Cook, who served on the Alumni Association board of directors for three years, was assistant director in the college's Field Study Office from 1976 to 1980. Previously, she was a consumer research support specialist in the department of agricultural economics in the State College of Agriculture and Life Sciences.

**Philip J. Holmes**, associate professor in the Department of Theoretical and Applied Mechanics, has been elected director of the Center for Applied Mathematics through June 1984. He succeeds Lawrence Payne. A member of the Cornell faculty since 1977, Holmes is a specialist in nonlinear mechanics and dynamical systems. He teaches

undergraduate courses in engineering mathematics, dynamics and acoustics and graduate courses in the qualitative theory of dynamical systems, differential equations and methods of applied mathematics.

## Health Care Lecture Set

"A Paradigm for Education" will be the topic when Dr. Lawrence L. Weed speaks at 4:30 p.m. Thursday, Feb. 11 as part of the James Law Distinguished Lecturer Series. The lecture in the James Law Auditorium of Schurman Hall is sponsored by the State College of Veterinary Medicine and is open to the interested public at no charge.

A professor of community medicine and director of PROMIS Laboratory at the University of Vermont School of Medicine, Dr. Weed is the author of a philosophy of health care which has been termed the problem oriented medical information system. Weed's system provides a tool to evaluate and enable improvement of health care from a comprehensive or holistic perspective. Knowledge is organized into a logical, problem-solving structure that is applicable across a wide number of fields. Computers play a vital role in Dr. Weed's program.

The Problem Oriented Medical Record is a single record, maintained over time, and is intended to provide coordination among all of the patient's health care providers. The system enables the patient to assume "the rightful role as a leader or manager of his or her own health care," according to Dr. Weed, who has written a book for patients, "Your Health Care and How to Manage It."

A graduate of the Columbia University College of Physicians and Surgeons, Dr. Weed has been associated with Johns Hopkins Hospital, Yale University and Case Western Reserve University. He has served as a consultant to a number of federal agencies and is currently advisor to the National Center of Health Services Research. His extensive writings are found in the fields of microbiology, medical education and computerized medical records.





New Biological Sciences building will begin receiving its first tenants next week. It was made possible by a number of gifts, including major ones from the J.N. Pew Jr. Trust, the Seeley G. Mudd Fund and the Kresge Foundation.

## —GIFTS—

### Miller: Performing Arts and China-Japan

An international businessman and financier has made a gift to the university toward the construction of the new Center for the Performing Arts and for endowment of the China-Japan Program.

Robert W. Miller, a founder of Duty Free Shoppers Limited with headquarters in Hong Kong, chairman of Search Asia Limited bank and director of DFS Group Limited, has designated \$500,000 for the performing arts project and \$300,000 as a matching grant for the China-

Japan Program.

Miller is a 1955 graduate of Cornell's School of Hotel Administration and a member of the Cornell University Council. In 1971, DFS established the Duty Free Shoppers Scholarship Fund in Cornell's hotel school.

In a letter to Miller, Cornell President Frank Rhodes acknowledged the importance of his gift to the performing arts facility.

"Thank you...for stepping forward at this crucial time with such

a generous commitment to the new Performing Arts Center," Rhodes said. "The swift completion of this much-needed facility is of great importance, both to the University and to the larger community, and your confidence and support are a source of tremendous encouragement and inspiration to all of us."

Efforts to advance the performing arts project are being carried on by the center's advisory committee, Rhodes, Alain Seznec, dean of the College of Arts and

Sciences, and other university officials. The facility is planned for the Collegetown section of Ithaca that immediately adjoins the campus.

T.J. Pempel, director of the China-Japan Program, said "we are delighted with Mr. Miller's generous gift. His provision that it be matched one-to-one by Cornell provides a challenge to the China-Japan Program and to the university. I am confident that we will meet the challenge and I know that the result-

ing \$600,000 will provide tremendous momentum to our growing program."

Miller's interest in and support of Cornell's China-Japan Program dates from 1978 when he was first introduced to the growing program. That same year he created the Robert W. Miller Family Endowment Fund for Chinese-Japanese Studies, the first endowment support ever received by the program.

### Netter: Scandinavian Students, ILR Seminar

Two gifts from a 1939 Cornell University graduate will assist outstanding students from Scandinavian countries to study here and will fund the Labor-Management Public Interest Seminar held annually in the New York State School of Industrial and Labor Relations.

Richard Netter and his wife, Alice, have established a \$50,000 scholarship fund with Thanks to Scandinavia, a scholarship foundation that Netter founded with entertainer Victor Borge in 1963. The Richard and Alice Netter Scholarship Fund is to be used by Thanks to

Scandinavia for grants to students from Denmark, Finland, Norway and Sweden for graduate study at Cornell.

Thanks to Scandinavia provides educational opportunities each year for approximately 40 students, educators and trainees.

According to Netter, the foundation is "a living monument to the people of Denmark, Finland, Norway and Sweden for their heroic deeds during World War II in rescuing persons of the Jewish faith from the Holocaust."

Borge is national chairman of the

foundation; Netter is president.

In recognition of his activities on behalf of Scandinavian students, Netter has been knighted by the governments of Denmark, Finland, Norway and Sweden.

The second gift of \$25,000 will help to endow a seminar which has been held at Cornell since 1958 by the ILR School in conjunction with the National Conference of Christians and Jews.

Each year the seminar brings together representatives of labor, management and the public sector to pursue ways of eliminating dis-

crimination in employment and to develop better understanding among labor, management, government, education and community leaders.

Netter was instrumental in establishing this seminar, and from its inception he has encouraged others to help with its funding.

The latest gift to the seminar from the Netters is a challenge grant aimed at raising a \$50,000 endowment for the program. Their commitment will match, dollar-for-dollar, total gifts from others for the endowment up to \$10,000. Total

gifts raised from \$10,000 to \$20,000 will be matched two-to-one. The Netters will increase their \$25,000 commitment if gifts from other donors do not bring the endowment fund to the \$50,000 goal.

Netter, who earned his law degree at Cornell in 1941, is a member of the University and Law School councils. He is senior partner of Netter Dowd and Alfieri, a New York City law firm. He is a trustee and vice president of Beth Israel Medical Center and director of the National Conference of Christians and Jews.

### Robison: Important Coin Sale This Month

"One of the most important sales of the century," according to Stack's Coin Co. will take place this month in New York City.

The Robison Collection of United States Silver and Copper Coins and Colonial Coins, given last year to Cornell and three other educational institutions, will be sold at public auction by Stack's on Feb. 10-13 at the New York Sheraton Hotel.

The collection of Doris and Ellis H. Robison of Troy is currently valued at \$2.5 million by Stack's.

Terms of the gift from Robison, a 1918 Cornell graduate, were announced last June and call for Russell Sage College to receive \$500,000, Brown University to receive \$150,000, and Cornell and Rensselaer Polytechnic Institute to divide equally the remainder of the proceeds from the sale.

Robison made a similar gift to Cornell in 1978 that brought the university close to \$1.5 million when his coins were sold at auction in 1979.

The latest collection is virtually a

complete set of United States silver and copper coins, from the Colonial series through the silver dollar from 1616 to date. It includes almost every date, mint and variety as listed in the standard reference text, "A Guidebook of United States Coins."

The Colonial coins, numbering more than 300, represent "one of the most complete collections ever sold at public auction," according to Stack's.

Cornell's share of the proceeds from the sale will be added to the

Robison Fund. Use of the new funds and income from them will be specified by the appropriate committees and Robison in the future.

Robison, whose gifts to Cornell now total more than \$3 million, has given attention to a wide range of needs at the university.

Among the projects he has supported are the acquisition of the works of chemist Robert Boyle, a women's boathouse, a women's crew shell, the Ellis H. Robison Hall of Fame Room, team vehicles for the Department of Physical Educa-

tion and Athletics and the Robison York State Herb Garden.

The garden, given in 1970 in honor of his wife, Doris, has become a nationally recognized resource containing the most comprehensive collection of herbs in the United States. Robison has served as a sponsor of the Cornell Plantations since 1964.

Robison is the president, treasurer and principal owner of John L. Thompson & Co. of Troy, one of the largest and oldest independent pharmaceutical companies in the country.



Calendar

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

Announcements

Off-Campus Housing Fair Fair will be held Thursday, Feb. 11, 11 a.m.-3 p.m. in Willard Straight Memorial Room. Featuring exhibits, displays and information concerning housing options for next year, transportation, utility costs and energy conservation, landlord-tenant relations, consumer issues, crime prevention and fire safety. Call 256-5373 for further information.

Reading and Learning Strategies A full semester, 2 credit, s/u course which meets on Tues. and Thurs. 11:15 a.m. or 3:35 p.m. There is also a weekly lab requirement. The course objective is to promote the use of more effective reading and learning strategies, leading to improved comprehension and rate, more efficient study methods and time management, and vocabulary development. The registration cut off date is Feb. 9. For information: 375 Olin Hall (Chem. Eng.) or 256-6310.

Cornell Careers In response to employee concern regarding career options within Cornell, University Personnel Services is announcing a new career development program for Cornell employees. Brown-bag luncheon held Feb. 9, 12:15-1:15 p.m. in Uris Hall 202. Presenters will focus on the kinds of skills and abilities employers seek in candidates and will discuss the position: Secretary, GR 18. Presenter: Ann Barber, Executive Staff Assistant, Nutritional Sciences. All Cornell employees are welcome, for more information, employees may call Staff Relations and Training, 256-7400.

Writing Workshop Walk-In Service Service is open Mon. through Thurs., 3:30-6 p.m. and 7:30-10 p.m.; Sun., 3-8 p.m.; Service is closed Fri. and Sat. You need no appointment, just drop by during our hours. Phone 256-6349. 125 Rockefeller Hall.

Weigh Station Weight Reduction Classes are held every Thurs., noon-1 p.m. at the Block Building in Barton Hall. Everyone is welcome. If you have questions, call 277-3418 or 257-0853.

Legal Advice or Representation The Office of the Judicial Advisor provides free legal assistance to students, faculty and staff accused of violating any of the university rules and regulations, i.e., the Campus Code of Conduct, the Statement of Student Rights and the Code of Academic Integrity. All consultations are kept strictly confidential. Call 256-6492 for an appointment or drop by B-12 Ives Hall.

Menswork, a confidential support group for men who batter their female partners, meets Tuesday evenings. For further information call 277-4003 or 273-1154.

Sperry Needs RAs Persons interested in applying for Resident Adviser positions in Sperry Hall, which is located on the West Campus, can pick up application packets at the Office of the Resident Director on the ground floor of Sperry. Application deadline is Feb. 18.

Natural Science Exhibit The local chapter of the Guild of Natural Science Illustrators plans to have an exhibit of artwork Feb. 21-March 27 in Mann Library. Any local artist whose work fits into the category

of medical or natural science illustration is invited to enter up to three works. Maximum size is 3' by 4' and the work must be suitably matted and/or framed for hanging. Works should be submitted to the L.H. Bailey Hortorium Studio, 468 Mann Library, between Feb. 1-12. Entrance fee is \$3.50 for Guild members, \$5 for non-members. For further information, call Eleanor Alexander at 844-9193 or Susan Lent at 564-7178.

Career Center

Thursday Feb. 4, 1:25 p.m. Career Center Seminar Room. "To Waive or Not to Waive (Pre-Med Briefing)."

Feb. 4, 4-6 p.m. Barnes 203. Career Exploration Workshops — first session of four. Plan to attend all sessions.

Feb. 4, 4:30-5 p.m. Career Center Seminar Room. Guidelines for Applying to Graduate School.

Feb. 4, 4:30-6 p.m. Anabel Taylor One World Room. Meet the Health Careers Evaluation Committee.

Feb. 4, 9-4:30 p.m. Career Center. 25 min. appts. Microinterviewing (for applicants to veterinary schools.)

Friday Feb. 5, 9-4:30 p.m. Career Center. Microinterviewing for applicants to veterinary schools.

Feb. 5, 3-4 p.m. Career Center. A Seminar: "Researching an Employer."

Feb. 5, 4:30-5 p.m. Career Center Seminar Room. Guidelines for Applying to Law School.

Monday Feb. 8, 8:30 a.m. Career Center Seminar Room. "GRE."

Feb. 8, 12:20 p.m. Career Center Seminar Room. Interviewing with the Health Careers Evaluation Committee.

Feb. 8, 4:30 p.m. Career Center Seminar Room. Guidelines for Applying to Business School.

Tuesday Feb. 9, 10:30 a.m., 2:30 p.m. Career Center. "Summer Jobs/Internships - How to use Career Center resources to plan them."

Feb. 9, 12:20 p.m. Career Center Seminar Room. Interviewing with the Health Careers Evaluation Committee.

Feb. 9, 4:30 p.m. Career Center. "Study Abroad Programs - How to use Career Center resources to plan them."

Wednesday Feb. 10, 10:15 a.m. Career Center. "Summer Jobs/Internships - How to use Career Center resources to plan them."

Feb. 10:30-11 a.m. Career Center. "Government Employment."

Feb. 10, 3-4 p.m. Career Center. A Seminar: "Researching an Employer."

Feb. 10, 4:30-5 p.m. Career Center Seminar Room. Guidelines for Applying to Law School.

Thursday Feb. 11, 1:25 p.m. Career Center Seminar Room. Interviewing with the Health Careers Evaluation Committee. Also held Tues.

Feb. 11, 4-6 p.m. Barnes 201. Career Exploration Workshops - second session of four.

Friday Feb. 12, 1:25 p.m. Career Center Seminar Room. "Test Prep Courses: Are they Necessary?" (Pre-Med Briefing).

Feb. 12, 4-4:30 p.m. Career Center Seminar Room. Preparing for the LSAT, GRE and GMAT.

Colloquia

Thursday Feb. 4, 4:30 p.m. Space Sciences 105. Astronomy and Space Sciences: "Evolution of Clumps in Molecular Clouds," Dr. David Gilden, University of Texas at Austin.

Monday Feb. 8, 4:30 p.m. Clark 700. General Physics Colloquium: "CHESS," R. Bateman, Cornell.

Tuesday Feb. 9, 4:30 p.m. Space Sciences 105. Special Astronomy and Space Sciences Colloquium: "Particle Transport in Extragalactic Radio Sources," Steven

Spangler, National Radio Astronomy Observatory/VLA.

Thursday Feb. 11, 4:30 p.m. Space Sciences 105. Astronomy and Space Sciences: The United Kingdom Infrared Telescope on Mauna Kea," Richard Isaacman, UKIRT, Hawaii.

Dance

Yvonne Rainer, founding member of the Judson Dance Theatre and prize-winning independent filmmaker, will visit Cornell to show films and talk about her work at 8 p.m. Friday, Feb. 5, in Hollis Cornell Auditorium, Goldwin Smith Hall. Her visit, which is being sponsored by the Council for the Creative and Performing Arts, is free and open to the public.

Rainer's film "Trio A," a short dance work which was choreographed in 1966 and filmed in 1978, and her "Lives of Performers" will be presented. "Lives of Performers" was Rainer's first feature-length film and was produced in 1972.

Rainer trained as a modern dancer in New York and was one of the founders of the Judson Dance Theatre in 1962. Between 1962 and 1975 her choreographic work was presented throughout the United States and Europe. In 1968, she began to integrate slides and short films into her live performances.

Rainer has received numerous awards and fellowships including a Guggenheim, National Endowment for the Arts, CAPS and the Center for Advanced Visual Studies-MIT. Articles on her work have appeared in Art in America, Sight and Sound, Ballet Review and other journals and periodicals.

Rainer has taught at several institutions and academies in the United States and Canada. She currently teaches at the Independent Study Program of the Whitney Museum of American Art in New York City.

Every Tues., 7:30-9:30 p.m. English Country Dancing. All dances taught, beginners welcome. For information call Connie at 272-1931 or Al at 256-4798.

Every Thurs., 8 p.m. Anabel Taylor One World Room. Israeli Folk Dancing.

Exhibits

Herbert F. Johnson Museum "Art of the Olmstead Landscape," through March 7; "Golden Day, Silver Night: Perceptions of Nature in American Art, 1850-1910," through March 28.

Lab. of Ornithology "The Enchanted Islands," through Feb. 28, photographs from the Galapagos Islands by Elizabeth Jamieson Menzies.

Films

Unless otherwise noted films are under sponsorship of Cornell Cinema.

Friday Feb. 5, 7:30 p.m. Uris Hall Auditorium. Pentangle II Free Film Series: "Northern Lights" (1978), directed by John Hanson and Rob Nilsson, with Robert Behling, Susan Lynch, Joe Spane.

Feb. 5, 8 p.m. Goldwin Smith Hollis E. Cornell Auditorium. Council for the Creative and Performing Arts presents Yvonne Rainer, founding member of the seminal Judson Theatre and prize winning independent film maker, who will visit Cornell to show films and talk about her work. The films will be "Trio A," a short dance work performed by Ms. Rainer, choreographed in 1966, filmed in 1978; and "Lives of Performers," Ms. Rainer's first feature-length film (1972).

Feb. 5, 9:45 p.m. \*Uris Hall Auditorium. "Lightning Over Water" (1980), directed by Wim Wenders, Nicholas Ray. Co-sponsored by the Comparative Literature Dept.

Friday & Saturday Feb. 5 & 6, 8 p.m. \*Statler Auditorium. "Breaking Away" (1979), directed by Peter Yates with Dennis Christopher, Dennis Quaid, Dan Stern.



Dutch baritone Max van Egmond will join fortepianist Malcolm Bilson in a free public recital at 8:15 p.m. tomorrow in Barnes Hall. The program will feature Franz Schubert's song cycle, "Die Winterreise."

Feb. 5 & 6, 10:30 p.m. \*Statler Auditorium. "Stardust Memories" (1980), directed by Woody Allen, with Woody Allen, Charlotte Ramplines, Jessica Harper.

Feb. 5 & 6, 11:45 p.m. \*Uris Hall Auditorium. "How I Won the War" (1967), directed by Richard Lester, with Michæl Crawford, John Lennon, Michael Horndern.

Saturday Feb. 6, 2 p.m. \*Uris Hall Auditorium. "The 39 Steps" (1935), directed by Alfred Hitchcock, with Robert Donat, Madeleine Carroll, Godfrey Tearle.

Feb. 6, 7:30 & 9:45 p.m. \*Uris Hall Auditorium. "Lightning Over Water."

Sunday Feb. 7, 2 p.m. \*Uris Hall Auditorium "The Point" (1971), directed by Fred Wolf, with animated characters with Oblio and his faithful dog, Arrow. Co-sponsored by The Ithaca Youth Bureau.

Feb. 7, 8 p.m. \*Uris Hall Auditorium, "Black Girl" (1965), directed by Ousmane Sembene, with Mbissine Thèrèe Dlop, Anne Marie Jelinck, also shown with "Mandabi" (1968), directed by Sembene, with Mamadou Gueye, Ynousse N'Diaye, Issa Niang. Co-sponsored by New York State Council on the Arts.

Monday Feb. 8, 9 p.m. \*Uris Hall Auditorium. "Los Olvidados" (1950), directed by Luis Bunuel, with Estela Inda, Miguel Inclan, Roberto Cobo; shown with "Death Day" (Eisenstein, Mexico). Limited to Film Club members only.

Tuesday Feb. 9, 4 p.m. Morrill 106. Southeast Asia Film Series: "This Bloody, Blundering Business." A critical appraisal of the U.S. involvement in the Philippines from the 19th century on. "Nomads of the Jungle": good portrayal of hunting and gathering mode of life of Malayan aborigines in mountain villages.

Feb. 9, 8 p.m. \*Uris Hall Auditorium. "Alice in the Cities" (1974), directed by Wim Wenders, with Rudiger Vogler, Yella Rottlander, Lisa Kreuzer. Co-sponsored by the Comparative Literature Department.

Wednesday Feb. 10, 4:30 p.m. Uris Hall Auditorium. Japanese Free Film Series: "Straits of Hunger," Uchida, (1964). Sponsored by the China-Japan Program.

Feb. 10, 8 p.m. \*Uris Hall Auditorium. An Antonioni film; exact title to be announced.

Thursday Feb. 11, 8 p.m. \*Uris Hall Auditorium. "A Midsummer Night's Dream" (1968), directed by Peter Hall, with David Warner, Diana Rigg, Paul Rogers

| FEBRUARY |    |    |    |    |    |    |
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(Royal Shakespeare Company).

Friday Feb. 12, 7:30 p.m. Uris Hall Auditorium. Pentangle II Faculty Film Series: "The Jazz Singer" (1927), directed by Alan Crosland, with Al Jolson, May McAvoy, Otto Lederer.

Feb. 12, 9:45 p.m. Uris Hall Auditorium. "Pixote" (1980), directed by Hector Babenco, with Marilyn Pera, Jardel Filho, Rubens de Falco.

Friday & Saturday Feb. 12 & 13, 7:30 p.m. \*Statler Auditorium. "Arthur" (1981), directed by Steve Gordon, with Dudley Moore, Liza Minnelli, John Gielgud.

Feb. 12 & 13, 10:15 p.m. \*Statler Auditorium. "Monty Python's Life of Brian" (1979), directed by Terry Jones, with Graham, John Cleese, Terry Gilliam, Eric Idle.

Saturday Feb. 13, 2 p.m. \*Uris Hall Auditorium. "The Lady Vanishes" (1938), directed by Sir Alfred Hitchcock, with Margaret Lockwood, Michael Redgrave, Dame May Whitty.

Feb. 13, 7:30 & 10 p.m. \*Uris Hall Auditorium. "Pixote."

Sunday Feb. 14, 2 p.m. \*Uris Hall Auditorium. "Oklahoma" (1955), directed by Fred Zinnemann, with Gordon MacRae, Shirley Jones, Rod Steiger. Co-sponsored by the Ithaca Youth Bureau.

Feb. 14, 8 p.m. \*Uris Hall Auditorium. "Emitai" (Lord of the Sky), (1972), directed by Ousmane Sembene, with Robert Fontaine, Michael Renaudeau, Pierre Blanchard. Co-sponsored by New York State Council on the Arts.

Intramural Sports

Volleyball - Women Deadline on entries is Thurs., Feb. 4 at 4 p.m. in the Intramural Office, Grumman Squash Courts Bldg. across from Tedgle Hall. Play will be in Helen Newman Gym. Specify your preferred day of play: 1st, 2nd, 3rd choice. Mon., Tues., Thurs., 9-11 p.m.; Wed., 10-12 p.m.; Fri., 7-11 p.m. minimum of 9 to enter. Play will begin Mon., Mar. 1. \$10 forfeit fee due with entry. Postdate check May 14.

Cross Country Skiing (Men, Women, Co-ed)

Deadline on entries is Wed., Feb. 10 at 4 p.m. in the Intramural Office, Grumman Squash Courts Bldg. Race will be held Fri., Feb. 12 at 4:45 p.m. starting at the driving range on the University Golf Course. Back-up date is Fri., Feb. 19. Minimum of 4 to enter, 2 must finish to score as a team. Co-ed: equal number of men and women. Eye protection is mandatory.

Lectures

Thursday Feb. 4, 10 a.m. H.F. Johnson Museum. "Golden Day, Silver Night," an exhibition of 19th Century American landscape paintings drawn from Upstate New York collections, Gwendolyn Owens, Associate Curator, Herbert F. Johnson Museum. Sponsored by Campus Club of Cornell. These lectures are open to all members of the University Community and the general public.

Feb. 4, 12:20 p.m. 102 West Ave. Southeast Asia Program Luncheon Seminar: "Song in Java Now: A Transformation of the Wedatama," Martin F. Hatch, Assistant Professor of Music and Asian Studies at Cornell. Bring your lunch; coffee, tea and cookies will be provided.

Feb. 4, 4:30 p.m. Uris Hall 202. Western Societies Program: "Canada and Its Constitution: Making it New," J. Edward Chamberlin, University of Toronto, and Former Senior Policy Advisor.

Tuesday Feb. 9, 12:15-1:15 p.m. ILR Conference



Center 120. Women's Studies Public Events Committee: "Strategies for Women in the Reagan Years," Discussion on "Reaganomics and Public Policy," Josephine Allen, Assistant Professor, Human Service Studies and Lucy Brown, Administrative Supervisor and Counselor, Human Ecology.

Feb. 9, 7:30 p.m. Emerson 135. Sigma Delta Epsilon/Graduate Women in Science Lecture: "How Women Communicate Weakness," Jane D. Crawford, Health Careers Coordinator, Career Center, Cornell. Everyone welcome. For more information call 273-9416 or 6-3493, Helen D. Haller.

#### Wednesday

Feb. 10, 8:15 p.m. Tjaden (Franklin) Hall Auditorium. Charles Beveridge, Associate Editor, "The Frederick Law Olmsted Papers," will speak on "The Design Theory of Frederick Law Olmsted." The lecture is presented in conjunction with the exhibit "The Art of the Olmsted Landscape," currently on display at the Herbert F. Johnson Museum.

#### Thursday

Feb. 11, 4:30 p.m. Andrew D. White House Guerlac Room. China-Japan Program, Society for the Humanities Lecture: "Understanding Modern Chinese Literature," Milena Dolezelova-Velingerova, Professor of Chinese Literature.

Feb. 11, 8 p.m. Hollis E. Cornell Auditorium, Goldwin Smith Hall. "Ethnoarchaeology in Cyprus," Peter Allen. Sponsored by the Archaeological Institute of America Finger Lakes Chapter.

Feb. 11, 10 a.m. Herbert F. Johnson Museum. "Functions of a Registrar." Jill Aszling. All lectures open to members of the university community and to the general public without prior registration. Campus Club members preview at 9:30 a.m.

## Meetings

#### Thursday

Feb. 4, 5 p.m. Goldwin Smith D. Student Assembly meeting.

Every Thurs., 7:15 p.m. Willard Straight 207. Gay PAC business meeting followed by 8 p.m. discussion. Different topic each week.

Every Tues., 9 p.m. Hug Ivri-Hebrew Club meeting. Speakers of Hebrew at all levels welcome. For more information, call Michael at 277-2168.

Every Sun., 7:30 p.m. Anabel Taylor 314. The Anthroposophy Study Group will take up the topic "The Spiritual Science of Rudolf Steiner." Everyone welcome. For more information call 277-1459 or see the secretary in Anabel Taylor Hall.

## Music

#### Bilson Recital of Haydn Sonatas

Malcolm Bilson will present a recital of Joseph Haydn's keyboard sonatas at 8:15 p.m. Saturday, Feb. 13, in Barnes Hall. The free public concert is one of a series which will be given in recognition of the Viennese composer's 250th birthday.

Bilson will perform Sonatas in E flat Major, Hob. 49 and 52; Sonata in E minor, Hob. 34; Fantasy (Capriccio) in C Major; also the Andante and Variations in F minor. The fortepiano which he uses is based on the Anton Walter instrument owned by Mozart and was built for Bilson in 1977 by Philip Belt.

A professor of music at Cornell since 1968, Bilson has achieved recognition as one of the leading fortepianists of our time. Among his activities off-campus this season are two concert tours on the West Coast and concerts in the Midwest, Canada and East Coast.

He is music director of a concert series in New York's Merkin Concert Hall. Entitled "Haydn on Original In-



**Tashi, a clarinet and string ensemble, will perform at 8:15 p.m. Wednesday, Feb. 10, in Statler Auditorium. For ticket information call the Lincoln Hall Ticket Office, 256-5144.**

struments," the series will consist of a fortepiano recital by Bilson on Feb. 8, a March chamber music concert in which he will participate, and an April concert by Cornell's Amade Trio.

Bilson's most recent recording of Mozart 4-hand sonatas with Robert Levin, was released in January by Nonesuch Records, and Hungaroton will soon issue a recording of Haydn songs in which he is the accompanist. His Nonesuch recording of Beethoven was listed among the best records of 1981 by the New York Times.

Next summer Bilson will go to Hungary for a Haydn Festival in Fertod at the Esterhazy castle, where he will conduct another fortepiano seminar and give a solo concert. He has also been invited by English conductor John Elliott Gardner to play two Mozart concertos with orchestra at the Aix-en-Provence Festival in France.

#### Flutist Jean-Pierre Rampal

Internationally acclaimed French flutist Jean-Pierre Rampal will perform at 8:15 p.m. Friday, Feb. 26, in Bailey Hall. Accompanying Rampal will be pianist John Steele Ritter.

A limited number of tickets for the concert will go on sale beginning Monday, Feb. 8, at the Lincoln Hall Ticket Office, 256-5144.

Rampal was born in Marseilles, where his father was first flutist with the symphony and flute professor at the conservatoire. Although his father did not encourage him to become a professional flutist, he did give him lessons from early childhood.

Rampal's decision to make the flute his life's work came about during World War II. He was in his third year of medical school when he was called up for military labor service under the German

occupation. When he learned that his unit was destined for Germany, Rampal went underground and headed for Paris to hide. Once there, he decided to attend a few classes at the National Conservatoire and five months later he was graduated with first prize in flute playing.

Several of Rampal's recordings have received the Grand Prix du Disque. In 1978 he was awarded the Leonie Sonning Prize and in the same year he was chosen for the Prix du President de la Republique and the Academie Charles Cros for his total discography. He was made a Chevalier de la Legion d'Honneur in 1966 and an Officier des Arts et Lettres in 1971.

Rampal has been deemed "the world's greatest flutist" (Washington Post), "the Alexander of the flute—with no new worlds to conquer" (Detroit News), "the flute king" (San Francisco Examiner) and "a legend in his own time" (Pittsburgh Press).

Free bus service for the concert will be provided between parking lot B and Bailey Hall with a stop at the Dairy Bar.

#### Friday

Feb. 5, 7 & 9:30 p.m. \*Bailey Hall. The Center for Religion, Ethics and Social Policy presents a benefit concert: "A Musical Tribute to Harry Chapin" with Pete Seeger, Mary Travers, Peter Yarrow, Steve Chapin, Tom Chapin. Tickets for the shows are \$7.50 advance and \$8.50 at the door. Tickets available at Willard Straight Hall, Egbert Union, Borealis Book Store, Record People and the DeWitt Mall.

Feb. 5, 8:15 p.m. Barnes Hall. Max van Egmond, bass-baritone, and Malcolm Bilson, piano. Schubert's "Die Winterreise."

#### Saturday

Feb. 6, 4 p.m. Barnes Hall. Graduate recital: Christopher Been, piano, assisted by Deborah Plautsch, soprano. Works of Beethoven, Chopin, Prokofiev, Mussorgsky.

#### Wednesday

Feb. 10, 8:15 p.m. \*Statler Auditorium. Faculty Committee on Music Concert with "Tashi," clarinet and strings. Works of Mozart, Husa, von Weber.

#### Saturday

Feb. 13, 8:15 p.m. Barnes Hall. Malcolm Bilson, forte-piano. Works of Haydn.

#### Sunday

Feb. 14, 4 p.m. Barnes Hall. Student recital: Kathryn Emerson, piano. Works of Schubert, Bartok, Schumann.

## Religion

#### Sunday

Feb. 7, 11 a.m. Sage Chapel. Convocation: James C. Kelly, O.S.B., University Catholic Chaplain, Cornell.

#### Sunday

Feb. 14, 11 a.m. Sage Chapel. Convocation: William Augustus Jones, Black Baptist Convention. Sixth Annual Festival of Black Gospel.

Every Fri., 5:30 p.m. Anabel Taylor Founders Room. Shabbat Conservative Service.

Every Fri., 5:30 p.m. Anabel Taylor Chapel. Shabbat Reform Service.

Every Fri., 7:30 p.m. 106 Eastern Heights Drive. Baha'i fireside discussion. For details call 273-4240.

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

Every Sat., 9:15 a.m. Anabel Taylor Edwards Room. Shabbat Orthodox Service.

Every Sat., 9:45 a.m. Anabel Taylor Founders Room. Shabbat Conservative Service.

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

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

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

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

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

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

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

Every Thurs., 7 p.m. Anabel Taylor Founders Room. Christian Science Organization Testimony Meeting. Faculty and students welcome.

## Seminars

**Biochemistry:** "Chromatin Fine Structure of Specific Genes," Abraham Worcel, University of Rochester, 4:30 p.m. Friday, Feb. 5, 204 Stocking Hall.

**Biochemistry:** "Mitochondrial Genetic Codes," Thomas Fox, 12:20 p.m. Monday, Feb. 8, 125 Riley Robb.

**Biophysics:** "A GTP-binding Protein is Involved in Visual Excitation of Limulus Photoreceptors," Alan Fein, Woods Hole, Wednesday, Feb. 10, 700 Clark Hall.

**Boyce Thompson Institute:** "Ecological Aspects of a Crucifer-Butterfly Relationship," Francis S. Chew, Tufts University, 3:15 p.m. Wednesday, Feb. 10, BTI Auditorium.

**Campus Life:** Discussion with Michael Slive, director of athletics, 9 a.m. Thursday, Feb. 4, Hall of Fame Room, Schoellkopf Hall.

**Center for Applied Mathematics:** "On St. Venant Principles for Nonlinear Equations of Elliptic and Mixed Type," Lawrence E. Payne, 4 p.m. Friday, Feb. 5, 165 Olin Hall.

#### Chemical Engineering:

"Thermodynamics as Practiced in Industry," Teresa Krolkowski-Buck, Union Carbide Corp., 4:15 p.m. Monday, Feb. 8, 145(A) Olin Hall.

**Floriculture & Ornamental Horticulture:** "Current Research Topics," Jim Boodley, 12:15 p.m. Thursday, Feb. 4, L.H. MacDaniels Room (37 Plant Science).

**Food Science:** "Sodium Control in Food—It's Everyone's Job," Ruth Klipstein, 4:30 p.m. Tuesday, Feb. 9, 204 Stocking Hall.

**General Chemistry:** "Aggregation in Chiral Monolayers," Edward M. Arnett, Duke University, 4:40 p.m. Thursday, Feb. 11, 110 Baker Lab.

**Geological Sciences:** "Initial Deformation of Deep-ocean Sediments Related to Subduction: Results and Experimental Studies," B. Carson, Lehigh, 4:30 p.m. Tuesday, Feb. 9, 205 Thurston Hall.

**JUGATAE:** "Egg Parasitoids and the Evolution of Oviposition Behavior in the Genus *Malacosoma* (Lepidoptera: Lasiocampidae)," D. Christopher Darling, 4 p.m. Monday, Feb. 8, 100 Caldwell.

**Materials Science:** "Optical Waveguide Materials Research and Development," Peter Schultz, Corning Glass, 11:15 a.m. Friday, Feb. 5, 140 Bard Hall.

**Materials Science & Engineering:** "Secondary Ion Mass Spectroscopy in Electronic Materials," C. Magee, RCA Research Labs, 4:30 p.m. Thursday, Feb. 11, 140 Bard Hall.

**Mechanical and Aerospace Engineering:** "A Statistical Model for the Time and Temperature-Dependent Failure of Fibrous Composites," S. Leigh Phoenix, 4:30 p.m. Tuesday, Feb. 9, 282 Grumman.

**Microbiology:** "Genetics of Streptococcal Conjugation," Gary Dunne, 4:30 p.m. Thursday, Feb. 4, 124 Stocking Hall.

**Operations Research:** "Scheduling on Parallel Identical Processors," Ali Dogramaci, Rutgers University, 4:30 p.m. Tuesday, Feb. 9, 305 Upson Hall.

**Organic/Organometallic Chemistry:** Movie Night: "Thinking about Things," starring Harry Gray, Zubin Mehta and Joan Baez, 8:15 p.m. Monday, Feb. 8, 119 Baker Lab.

**Ornithology:** "Sweat Bees—A Look at Primitively Social Insects," George Eickwort, 7:45 p.m. Monday, Feb. 8, Stuart Observatory, Sapsucker Woods.

**Physiology:** "The Natality and Foal Survivorship of Feral Horses in the Wyoming Red Desert," Lee Boyd, 4:30 p.m. Tuesday, Feb. 9, G-3 Vet. Research Tower.

**Statistics:** "Improved Confidence Sets for a Multivariate Normal Mean," George Casella, 3:15 p.m. Wednesday, Feb. 10, 105 ILR Conference Center.

**Vegetable Crops:** "Aspects of the Ecology, Distribution and Control of Pigweed Species in New York State," A. Senesac, 4:30 p.m. Thursday, Feb. 4, 404 Plant Science Bldg.

**Vegetable Crops:** "Is Tuberization of Potatoes Under the Control of Phytochrome?" T. Batutis, 4:30 p.m. Thursday, Feb. 11, 404 Plant Science Bldg.

## Sports

#### Thursday

Feb. 4, 7 p.m. Helen Newman. Women's Swimming-Rochester.

#### Friday

Feb. 5, 6 p.m. Barton. Wrestling with Cortland, James Madison, Colgate.

#### Saturday

Feb. 6, 1 p.m. Barton. Women's Gymnastics-Massachusetts.

Feb. 6, 2 p.m. Teagle. Men's Swimming-Brown.

Feb. 6, 8:15 p.m. Oxley Polo Arena. Men's Polo-Virginia.

#### Friday

Feb. 12, 5 p.m. Barton Men's Wrestling-Harvard.

Feb. 12, 6 p.m. \*Barton. Men's Var. Basketball-Brown.

Feb. 12, 6:30 p.m. Helen Newman. Women's Basketball-Brown.

Feb. 12, 7:30 p.m. Oxley Polo Arena. Women's Polo-Connecticut.

Feb. 12, 7:30 p.m. \*Lynch. Men's



## Varsity Hockey-Harvard.

Feb. 12, 8 p.m. Barton. Men's JV Basketball-Ithaca College.

## Saturday

Feb. 13, 1 p.m. Barton. Women's Track-Yale.

Feb. 13, 2 p.m. Barton. Men's Fencing-Harvard.

Feb. 13, 2 p.m. Barton. Men's Wrestling-Yale.

Feb. 13, 2 p.m. Helen Newman.

Women's Basketball-Yale.

Feb. 13, 7:30 p.m. Helen Newman.

Women's Basketball-Yale.

Feb. 13, 8:15 p.m. Oxley Polo Arena.

Men's Polo-Connecticut.

Feb. 13, 8 p.m. \*Barton. Men's Varsity Basketball-Yale.

## Sunday

Feb. 14, 1 p.m. Barton. Men's Track-Yale.

Feb. 14, 2 p.m. \*Lynah Rink. Men's Varsity Hockey-Dartmouth.

## Sponsored Programs

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

## ROCKEFELLER FOUNDATION

The Rockefeller Foundation invites applications under its Arts, Humanities and Contemporary Values Program which offers fellowships to qualified individuals. In the arts, the program supports the creative individual, the increasing of international opportunities for the arts, and the exploration of issues involving the arts and American society. In the humanities, support is provided for humanistic research in contemporary values, for investigations into contemporary issues in humanistic perspective, and for research into America's cultural heritage. Prospective applicants should submit a preliminary proposal.

Applications may be submitted at any time and are considered on an individual basis. Inquiries about this program may be directed to: The Secretary, RF, 1133 Avenue of the Americas, N.Y., N.Y. 10036.

## NATIONAL SCIENCE FOUNDATION INTERNATIONAL PROGRAMS

The National Science Foundation funds a number of programs designed to support the work of U.S. scientists cooperating with scientists of other countries in research and related activities. The programs have the following general goals: to stimulate scientific progress by bringing U.S. scientists and engineers together with counterparts from other countries or traditions but with similar scientific interests; to enhance scientific knowledge in priority areas of mutual interest; to provide opportunities for U.S. scientists to participate in projects aimed at improving scientific infrastructure in developing countries; to assist U.S. and foreign scientists in efforts to share access to important or unique research facilities; to share in the allocation of personnel and work; and to improve mutual understanding with other nations and cultures.

Three types of activities may receive support: (1) Cooperative research projects which are jointly designed and jointly conducted by principal investigators from the United States and the foreign country; (2) Research-oriented seminars (or workshops), which are meetings of small groups of researchers from the United States and from the foreign country, to exchange information, review the current status of a specific field of science or engineering, and plan cooperative research; (3) Scientific visits for planning cooperative activities or for research.

Formal bilateral programs are available for the following countries: Argentina, Australia, Belgium, Brazil, Bulgaria, China, Federal Republic of Germany, France, Greece, Hungary, India, Italy,

Japan, Republic of Korea, Mexico, New Zealand, Pakistan, Romania, Switzerland, U.S.S.R., and Venezuela. There are additional possibilities for countries in Africa, Latin America, South Asia, and Southeast Asia. A few programs have specific deadlines. Most accept proposals at any time. Processing proposals takes an average of 7 months. Further information is available in the Office of Sponsored Programs, 123 Day Hall.

## NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

The National Oceanic and Atmospheric Administration's Environmental Research Laboratories (ERL) announces a small grant program. Unsolicited proposals may be submitted at any time and are evaluated each spring and fall. There is no prescribed form. Contact the Office of Sponsored Programs, 123 Day Hall, for more information.

## NATIONAL SCIENCE FOUNDATION

The National Science Foundation announces an application deadline of March 1 for its New Faculty Research Grants in Experimental Computer Science, which provide support to new faculty to establish creative programs of investigation in computer science. For more information contact the Office of Sponsored Programs.

## NATIONAL INSTITUTE OF MENTAL HEALTH

The National Institute of Mental Health invites applications to its Small Grant Program, which supports studies in behavioral, biological, and medical sciences relevant to mental health, alcohol and drug abuse. Under the auspices of the Alcohol, Drug Abuse and Mental Health Administrators, this program is primarily coordinated by the NIMH and includes research in the areas relevant to the missions of the NIMH, the National Institute of Drug Abuse, and the National Institute on Alcohol Abuse and Alcoholism. Small grants may be requested for a year or less, and awards are generally limited to a maximum of \$10,000 each. There are no deadlines for the submission of proposals; proposals can be submitted at any time and are reviewed 5 times a year. Contact the Office of Sponsored Programs for application packets.

## HEALTH CARE FINANCING ADMINISTRATION

Health Care Financing Administration has cancelled the April 5, 1982 deadline for its Health Financing Research and Demonstration Grants, but may reannounce priorities if their budget is restored. In addition, HFCA will review and decide whether to approve applications already received for the 1982 FY processing cycle that ended on Oct. 5, 1981.

DEADLINE REMINDERS  
HUBERT H. HUMPHREY FELLOWSHIP

Applications from doctoral or law-degree candidates for Hubert H. Humphrey Fellowships in arms control and disarmament - February 22, 1982.

## NEWBERRY LIBRARY

Applications for fellowships for research in the humanities, using the Newberry Library's collections - March 1, 1982.

Applications for three-month exchange fellowships for research in Great Britain in fields in which the Newberry Library's collections are strong - March 1, 1982.

German Renaissance Studies - Applications for fellowships to attend a summer institute in Switzerland on reading, transcribing, and editing German vernacular manuscripts and printed sources - March 1, 1982.

## Graduate Bulletin

The next regular meeting of the Graduate Faculty will be held at 4:30 p.m. on Friday, February 12, in Kaufmann Auditorium of Goldwin Smith Hall to approve the provisional list from January.

Doctoral students registered for the fall term (or those who took a leave of absence dated 8-30-79 or later) who wish to avoid paying the active-file fee of \$200 for the spring term must have met all degree requirements by February 12. This includes filing two acceptable copies of the thesis in the Graduate School Office.

All graduate students must turn in course registration forms at Sage Graduate Center by February 12. File forms early and avoid long lines.

Graduate students who are receiving tuition assistance from Cornell-administered sources during the 1981-82 academic year are required to:

1) complete an "Acceptance Form for Students in the Graduate School Receiving Cornell Tuition Assistance," indicating their legal state/country of residence, and 2) complete and file a Tuition Assistance Program (TAP) application with the New York State Higher Education Services Corporation (NYSHESC) if they are legal residents of New York State. Students required to apply for a TAP award who fail to do so, as well as those who have applied but have not received a notice of award/denial from NYSHESC, will be billed \$300 for each term in which Cornell tuition assistance has been received. Fall term charges will appear on the February bill, and spring term charges will appear on the March bill. Lists of those students who have not fulfilled their obligation for fall 1981 have been sent to the graduate faculty representatives. TAP Acceptance forms and TAP applications may be obtained at the Bursar's Office, 260 Day Hall, or the Fellowship Office, 116 Sage Graduate Center. TAP applications may also be obtained by writing to NYSHESC, 99 Washington Avenue, Albany, NY 12255. The deadline to apply for TAP for 1981-82 is March 31, 1982.

Fellowship stipend checks for February will be available at the Fellowship Office beginning tomorrow, February 5.

Applications for Graduate School Summer Fellowships and Graduate School Summer Tuition Awards should be available in early March.

Check the Fellowship Notebook at your graduate faculty representative's office for information on the awards whose deadlines follow.

Feb. 15: Theodore Roosevelt Memorial Fund - for individuals conducting research in North America in any phase of wildlife conservation or natural history related to the activities of the American Museum of Natural History; several kinds of awards are available to younger scientists, graduate students and recent graduates.

Mar. 1: Ambassade de France/Bourses Chateaubriand - grants provide a monthly stipend of 400 francs for study at a French university or engineering school; applicants must have successfully attained the Masters degree by October 1982, must be enrolled in a doctoral program in the exact sciences or medicine, and must be fluent in spoken and written French.

Mar. 1: Marriner S. Eccles Graduate Fellowships at the University of Utah - fellowships provide \$4875 for full-time study at the University of Utah; applicants must be U.S. citizens, hold a bachelor's degree and be interested in pursuing an advanced degree in subjects of major public concern, such as: banking, energy-related studies, environmental problems, finance, law, social welfare, and the impact of the humanities or education on social policy.

Mar. 1: Social Science Research Council-U.S. Department of Labor/Doctoral Research in Employment & Training - open to doctoral candidates who have completed all degree requirements except the dis-

sertation by the starting date of the grant, for research in fields related to policy and program issues in employment and training. Grants may not exceed \$10,000 and may include stipend, dependents' allowance, research support, travel, and computer usage support.

Mar. 1: Woods Hole Oceanographic Institution Research Fellowships in Marine Policy and Ocean Management - applicants must have completed a doctoral level degree or possess equivalent professional qualifications through career experience; grants provide a stipend of \$20,000 for one year, group health insurance and modest research and travel funds.

Mar. 2: American Numismatic Society Grants for Summer Study in Numismatics - applicants must have completed at least one year of graduate study in archaeology, art history, classical studies, economic history, history, or related disciplines. Ten grants of \$900 each will be awarded for study at the 29th Seminar in Numismatics, June 8, 1982-August 7, 1982.

Mar. 2: American Numismatic Society Doctoral Fellowships - applicants must have completed the general examinations for the doctorate, and must be writing a dissertation during the 1982-83 academic year on a topic in which the use of numismatic evidence plays a significant part. They also must have attended one of the American Numismatic Society's Graduate Seminars prior to the time of application. The fellowship provides a stipend of \$3500.

## CIVITAS

## AFTER-SCHOOL YOUTH PROGRAMS HAVE SEVERAL OPENINGS FOR ASSISTANT LEADERS:

Mon. through Fri. afternoons, 2-4:30 p.m. or 3-5:30 p.m., at local Ithaca sites; Wed. afternoon only, 2-4:30 p.m., in Newfield. Children range from 5-10 years, and varied activities include nutrition, arts and crafts, woodworking, sports, sewing, photography. Most within walking distance of campus, and transportation to farther sites can probably be worked out for you.

LOCAL SHELTER RUN BY TASKFORCE FOR BATTERED WOMEN is recruiting volunteers available to spend 3-4 nights a month at the shelter to give companionship and support to clients from 7 p.m. till morning. Training sessions to be held Sat. morning, Jan. 30, and Sat. afternoons, Feb. 6 and 13. CIVITAS, 119B Anabel Taylor, will put you in touch.

ONE-TO-ONE PROGRAM NEEDS BIG BROTHERS/SISTERS: Some women, many men sought to be companions for girls under 7 and adolescents, and for boys 8 years and up. Good training and support provided by professional youth-workers.

CHILD CARE CENTER FOR CHILDREN 6 MONTHS TO 5 YEARS: Needs volunteers between 9 a.m.-3 p.m., Mon.-Fri., but most especially Tues. and Thurs. mornings. No definite time commitment required, and downtown location is convenient to the Commons.

SENIOR CITIZEN'S GROUP IN NORTHEAST ITHACA REQUESTS: Certified swim instructor, Fridays, 10:30-11:30 a.m., on regular basis, at the Sheraton Pool. Community Organizers also needed to survey apartment dwellers in the hope of promoting neighborhood friendships and organizing simple shared support services (cars, mending, social events). Other specific opportunities available. Come to CIVITAS for complete rundown.

VISUALLY HANDICAPPED CORNELL STUDENT SEEKS VOLUNTEERS: To help with readings in child psychology and linguistics preparatory to her A exam, and to assist in computerizing research for thesis. Flexible schedule at mutual convenience. Located near campus.

THREE OPPORTUNITIES FOR ARTISTS/GRAPHICS PERSONS: One request involves lettering, design layout and poster production for use in civil rights informational meetings with local groups; another involves assistance in

historical mural project at downtown church; third involves publicity work for local chapter of national health organization. These jobs can be done according to your schedule and convenience.

ADVOCACY GROUP FOR JAIL INMATES AND THEIR FAMILIES: Is recruiting volunteers for their training program starting Sat., Feb. 6 (10-3), and continuing Mon. and Thurs. eves., 7-10 p.m. till Feb. 22, and including Sat. Feb. 13 (10-3). One year's commitment after training required (except summer months). Pre-training interviews occurring now. Men especially welcome.

REFUGEE ASSISTANCE PROGRAM: Continues to need volunteers to tutor refugees from Vietnam, Laos, Cambodia and Chile who are learning English. Two hours a week required. Study materials provided by the program. Other refugees studying high school equivalency, data processing, auto mechanics, electronics, nursing and accounting also need help with vocabulary and general concepts.

YOUTH CENTER IN BROOKTON-DALE: Which meets Wed. evenings, 7-10 p.m. and Sat. afternoons, 1-6 p.m., is searching for volunteers to work with rural children otherwise isolated from youth activities. Program will be designed around volunteers' interests and talents.

SPECIAL REQUEST FOR BIG BROTHER TO BEFRIEND 14 YEAR OLD ON PROBATION: Who is very interested in sports-basketball, football - and a good kid. He needs your companionship now.

SHELTERED WORKSHOP SEEKS VOLUNTEERS: To help in a variety of areas: a) Tutoring basic skills; b) Aiding in production areas such as printing, metalwork, canvas repair; c) aiding in testing and evaluation unit. Clients are physically and mentally disabled. Time commitment of 2 hours/week between 8:30-1:30, Mon.-Fri., for the semester.

VOLUNTEER INTERVIEWERS SOUGHT FOR STUDY OF RESIDENT PERCEPTION OF DOWNTOWN NEIGHBORHOODS: No special qualifications needed. Three to four hours of training provided. Volunteers will be asked to spend 4-5 hours/week from now till the end of Feb. conducting half-hour interviews, day or evening, on flexible schedule. This is a good opportunity, within a limited time frame, to get experience on a research project in city planning.

DOWNTOWN DAYCARE CENTER: Has special need for volunteers to cover rest period during staff meetings, Tues. 1:30-3:30 p.m., and supervise resting children. At other times, one-to-one help is sought for several two-year-olds.

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

## Barton Blotter

Two persons were charged with driving while intoxicated on campus in separate incidents over the weekend according to the Morning Reports of the Department of Public Safety.

During the week of Jan. 25 through 31, there were a total of 21 larcenies reported on campus totaling some \$2,000 in cash, personal and university property. The recovery of \$262 in furniture taken from University Hall 5 was reported.

Most of the thefts involved wallets, handbags, and clothing as well as bookbags left untended. The largest thefts in terms of value were \$223 in cash taken from Sage Dining, \$228 in cash and damage resulted from a machine broken into at the Noyes Pancake House, a \$250 guitar taken from a student's room and \$230 transceiver taken from 404 Vet Clinic Research Tower.

Two false alarms were set off in dormitories and three windows were broken, two by snowballs, one by a beer bottle.



# Bulletin of the Faculty

December 9, 1981  
110 Ives Hall

The Speaker, Russell D. Martin, called the meeting to order at 4:35 p.m. He noted that a quorum was lacking and thus he could only proceed to get some of the agenda items on the floor for discussion. He announced that Professor P.C.T. deBoer, Mechanical and Aerospace Engineering, has consented to serve again as Parliamentarian of this body.

The Chair then called on Professor John Windmuller, ILR, and Chairman of the Executive Committee, for resolutions concerning use of tape recorders and the taking of photographs during meetings.

## 1. RESOLUTIONS ON PHOTOGRAPHS AND TAPE RECORDINGS

On behalf of the Executive Committee, Professor Windmuller introduced the following resolutions:

RESOLVED, That photographing the proceedings during meetings of the University Faculty and Faculty Council of Representatives shall be prohibited.

RESOLVED, That tape recording of the proceedings shall be prohibited except for the records made under the auspices of the Dean and/or Secretary of the Faculty for archival purposes and to assist in composing the minutes.

The Chair opened the floor for questions and called upon Kenneth Greisen, Dean of the Faculty, for background information.

Dean Greisen said the early meetings of the FCR were all closed meetings, but that following a referendum on the subject in 1975, the meetings have been held as open meetings. At the first such meeting on April 10, 1975, a Cornell Daily Sun photographer was asked to refrain from taking pictures and a WVBR reporter was told not to use a tape recorder at the meeting. This was done at the time on the authority of the then Speaker, Wolfgang Fuchs. Since this determination was not challenged, tacit approval could be construed to have been given to that ruling. A reaffirmation of that policy occurred in the following year, 1976, when then Dean Byron Saunders expressed some displeasure because of actions of media representatives at the discussions of the Ky incident. Again, the body raised no objection. Dean Greisen said he noticed at recent meetings that there was some activity again of taking pictures and using tape recorders. After consulting the Executive Committee, it was felt the issue should be brought to this body, not with any strong plea, but to establish a policy for future occurrences.

The Speaker indicated at this point that a quorum was now in attendance.

Professor John W. DeWire, Physics, stated that he wished to add the following sentence to the second resolution: "Access to the official taped record of the meeting will be granted by the Dean for purposes of legitimate inquiry subsequent to the meeting for as long as the taped record is preserved." He indicated that if this statement which was contained in the material circulated with the resolutions in the call to the meeting is part of the commitment, it would be best to include it as part of the resolution.

Professor deBoer wanted to know what was meant by "legitimate inquiry". Would that mean inquiry by reporters or the media?

Dean Greisen said that would have to be determined at the time. He could not imagine circumstances where anyone would be denied access to the record. What lies behind the limitation is the feeling that it might somewhat dampen freedom of speech in a meeting if people realized that anything they said might be heard the next morning coming over WHCU, for instance, without any editing at all and out of context.

Professor Benjamin Nichols, Electrical Engineering, asked if this is present policy, and Dean Greisen replied that it is a policy under which he has been operating but without direct authorization by the FCR.

Associate Professor Robert G. Bland, Operations Research and Industrial En-

gineering, gathered from Dean Greisen's comment that access would have to be restricted in that one could not record from the recorder. The Dean said that was correct.

There being no further discussion, the Speaker called for a vote on the amendment which carried unanimously.

The Speaker asked for any objections to treating both resolutions as one and received none. On a vote call, the resolutions were adopted as follows:

RESOLVED, That photographing the proceedings during meetings of the University Faculty and Faculty Council of Representatives shall be prohibited.

RESOLVED, That tape recording of the proceedings shall be prohibited except for the records made under the auspices of the Dean and/or Secretary of the Faculty for archival purposes and to assist in composing the minutes. Access to the official taped record of the meeting will be granted by the Dean for purposes of legitimate inquiry subsequent to the meeting for as long as the taped record is preserved.

The Chair now asked for approval of the minutes of the October 14 meeting. Receiving no corrections or additions, the minutes were declared approved as distributed.

The next item of business was a resolution on an amendment of the

## "Tape recording of (FCR) proceedings shall be prohibited except for..."

charge of the Committee on Academic Freedom and Responsibility, and the Speaker called upon Associate Professor Russell Osgood, Law, a member of the Committee.

## 2. RESOLUTION RE AMENDMENT OF CHARGE OF THE COMMITTEE ON ACADEMIC FREEDOM AND RESPONSIBILITY

Professor Osgood said there are two major changes proposed. He stated: "The first change is that the old charge had the Committee towering mysteriously somewhere behind the Executive Committee of the FCR. A report would be prepared by the Committee, but be issued from the Executive Committee. The new charge makes makes it clear that it is in fact the Academic Freedom and Responsibility Committee's report. The second change is the provision for issuing a preliminary report, asking for comments and then preparing a final report embodying the comments received. This, the Committee already does. A third minor change makes it clearer as to when and how the contents of the report may be made public, namely that the subject of a report can release the report once it becomes final if he or she so wishes and that the Committee or the Executive Committee can only release it under circumstances which would clear a person's name or if adverse publicity was received and the Committee wished to effect a clarification."

It was asked if a subject of a report revealed only part of it, would the Committee then be relieved of its requirement not to release it?

Professor Osgood indicated that the Committee would have to meet and decide if the part released constituted incorrect publicity that would have to be corrected by release of the whole text of the report.

Dean Greisen added that it would have to be agreed both by that Committee and the Executive Committee that release of the report is desirable.

There being no further discussion, the Chair called for a vote and the amendment carried unanimously as follows:

After reviewing a written complaint, the Committee shall prepare a written,

draft report of its findings and any recommendations for action. Copies of this draft report shall be sent to the complainant, the other principals in the case (typically a department chairman and dean), the Executive Committee of the FCR and the Dean of the Faculty. All recipients shall be enjoined to keep the draft report confidential and to return it promptly with comments or criticisms to the Committee. After reviewing these reports, the Committee shall prepare a final report which it shall send to the same people as the draft report and, when appropriate, to the President and Provost of the University. The grievant shall not be enjoined to keep this report confidential but other recipients shall be requested to do so. If, in the judgment of both the Committee and the Executive Committee, public release of a report, in whole or in part, would either clear an individual of charges damaging to his or her reputation or serve to clarify incorrect publicity, this may be done. A complainant shall be advised when initiating a complaint that such a public release is a possibility.

Dean Greisen was called upon by the Speaker for further amendment of the charge to this Committee.

The Dean stated: "In 1971, this body voted on the charge of the Committee on Academic Freedom and Responsibility and passed a rather long statement of the charge. Appended to the charge as part of it was a quotation of the Principles of Academic Freedom and Responsibility that were meant to be included in the record as part of the charge of that committee. The problem is that there was a misquotation in that the exact words approved were not the exact words of the statement of principles that this same body had ten years earlier agreed to. It was due to the fact that the quotation used did not take into account the amendments proposed and adopted. What happened was that the principles utilized in the committee charge was the originally proposed resolution and not the finally accepted version." Dean Greisen continued: "To be specific, one of the responsibilities of the Faculty enumerated in the principles as originally proposed reads as follows, 'To observe the special obligations of a member of a learned profession and an officer of an educational institution to seek and respect the truth, to be accurate in expression, and to give consideration to the opinions of others'. In the debate at the meeting, amendments were made striking out 'to be accurate in expression' which is hard to define and hard to require, and also striking out 'and to give consideration to the opinions of others', thinking that that too is a difficult expression to give precise meaning." Dean Greisen said he was not asking for a formal amendment of the charge to the Academic Freedom and Responsibility Committee, but just consent of this body to correct what was an obvious error in transcription to conform the Committee charge to the Principles of Academic Freedom and Responsibility as finally adopted.

There being no objections, the Chair suggested that the Dean be permitted to correct the error. So ordered.

The Speaker again called on Dean Greisen, this time for a resolution to add student members to three FCR committees.

## 3. RESOLUTION RE ADDITION OF STUDENT MEMBERS TO THREE FCR COMMITTEES

The Dean said: "I am presenting this resolution as chairman of the Review and Procedures Committee which is charged with continuously reviewing the organization and procedures and committee structure of the University Faculty and FCR, and making appropriate recommendations thereon to the Faculty or FCR. The Committee on Academic Programs and Policies felt that its work would be improved if it had continuing contact with students in the course of its deliberations. The Faculty may be in charge of programs and policies, but they are applied to students. Student

perspective is something the Faculty should know rather than just guess about. The Review and Procedures Committee thought that was an excellent suggestion, but broadened the question, thinking, perhaps, that other committees might also feel they would profit by the addition of students. A subcommittee

The Chair requested that all, except Faculty members, leave the meeting. He then asked the body for unanimous consent for Professor Saunders, a member of the Committee on Nominations and Elections, to present the proposal regarding this extension. There were no objections.

## "The primary reasons for going into executive session on personnel matters is simply to invite the media to leave because of the circumstances of printing remarks that might be made..."

was formed which made inquiries of all the FCR and Faculty committees. A good many of the committees felt that they would be hampered by the addition of student members and some committees already have student members, and that would not be changed. However, two other committees besides Academic Programs and Policies indicated that they wished to have student members - the Physical Education Committee and the Freedom of Teaching and Learning Committee. On the committees which currently have student members, new student members are selected by the incumbent committee. It is proposed, however, that the student members for these three committees be selected by the Staffing Committee of the Student Assembly."

The Chair indicated that Lois Ganz, a member of the Student Assembly, was present and available for questions.

Professor Joseph B. Bugliari, Agricultural Economics and B&PA, wished to point out that this resolution does have a sunset clause - meaning that this body will have to renew it prior to June 1985 or students will go off these committees.

There being no further discussion, a vote was taken and the proposal adopted unanimously as follows:

RESOLVED, that the membership of the FCR Committee on Academic Programs and Policies, the Committee on Freedom of Teaching and Learning and the Committee on Physical Education be enlarged as follows: In addition to the seven faculty members elected under procedures adopted by the FCR on December 1, 1971, and amended from time to time since then, there shall be two student members (of which at least one shall be an undergraduate) with voting privileges, selected annually by the Staffing Committee of the Student Assembly. Re-election of a student for a second year shall be permitted. The first student members shall be selected in the spring of 1982 to begin service on July 1 of that year. No student members shall serve after June 30, 1985 unless the provision for student membership is renewed by the FCR.

The Chair requested unanimous consent of the body to go into executive session for the purpose of considering a proposal to be presented concerning the term of the Dean of the Faculty.

Professor Nichols asked why the body had to go into executive session.

The Speaker said this has been the policy whenever dealing with personnel matters.

Dean Greisen said that he would absent himself, since the proposal concerned him, and that all visitors at this meeting must do so also.

Professor Emeritus Byron W. Saunders, Operations Research and Industrial Engineering and former Dean of Faculty, said this issue arose during his tenure as dean. The primary reason for going into executive session on any personnel matter is simply to invite the media to leave because of the circumstances of printing remarks that might be made about personnel who are under consideration for whatever office might be involved.

Professor Saunders said the term of the Dean of the Faculty, according to the Organization and Procedures of the University Faculty, calls for an initial election and a three-year term. Professor Greisen was elected to that office for a three-year term starting on July 1, 1978, which ran through June 30, 1981. One year ago in the December 1980 meeting, Professor Saunders said he had the privilege of making a motion to continue Dean Greisen's term for one additional year which takes him through June 30, 1982. At that time he was not clear what his own personal plans would be, what his retirement plans would be or any other circumstances surrounding his own career. When the Nominations and Elections Committee met this fall, Professor Greisen was asked by letter to respond by letter as to whether he had come to any conclusion regarding this matter and that it was the Committee's desire that he give serious consideration to agreeing to continue for the one more year which is allowed by the Faculty legislation. The Committee has now received his permission to present his name, and Professor Saunders repeated the motion he made one year ago, just changing the date slightly:

That this body in accordance with the legislation of the University Faculty, does invite Professor Greisen to continue in the Office of Dean of the Faculty for one more year to extend through June 30, 1983.

There being no discussion, on a vote call, the motion was adopted unanimously.

The Chair indicated the Provost was in attendance in case anyone had any questions to direct to him. There being none, the meeting was adjourned at 5:30 p.m.

Respectfully submitted,  
Joseph B. Bugliari, Secretary



# Report on Status of Women and Minorities

This is the third annual report under the title, "Status of Women and Minorities at Cornell University". It continues the format of each of the two previous reports submitted to the trustees with the addition of a progression analysis of nonacademic women and minorities in major occupational groups for six month periods beginning in March 1980.

During the past year 3 women and 1 minority have been brought to the campus for a semester or an academic year under an affirmative action measure that was implemented in 1979. The minority male will be developing a Native American Study Program at Cornell. One woman was promoted to associate professor without tenure under this arrangement in 1981. Funds have already been committed to support a black woman and a black male for visiting appointments in 1982.

The plan to add a half time position entitled Associate Provost for Equal Opportunity has been initiated, and applications are now being received. A search to name a full time individual to assume this role was conducted during 1981, but a candidate was not appointed. It was decided that an upgrading of responsibilities of the Executive Director for the Office of Equal Opportunity, coupled with the search for an "Academic Affirmative Action Officer" from among the present Cornell faculty would be the way in which we would proceed.

The status of women and minorities at Cornell is summarized under three headings: Students, Faculty, and Support Staff.

## STUDENTS

### Women

In 1981 women comprised 44 percent of all undergraduate students at Cornell. This represents a one percent increase over the 1980 figures.

The College of Arts & Sciences' figures remained steady at 45 percent, while the ratio of women within the College of Human Ecology declined from 84 to 82 percent. We are pleased to note the steady increase in the percentage of women in each of the other colleges. This is particularly true when examining the increases in Agriculture & Life Sciences (48 percent to 50 percent), Architecture (42 percent to 45 percent), Engineering (17 percent to 20 percent), Hotel (33 percent to 35 percent), and Industrial & Labor Relations (41 percent to 44 percent).

The percentage of women graduate students in nearly all of the graduate divisions is continuing to increase. Indeed the figures indicating the representation of women in graduate study has increased in 1981 in all schools with the exception of the combined physical sciences.

The aggregate ratio of women graduate students in the Physical Sciences declined from 13 percent to 12 percent. The representation of women in all other fields of graduate study (including professional schools such as Business and Public Administration, Law, and Veterinary Medicine) is well over 30 percent. The total percentage of women pursuing graduate study in professional schools is 37 percent. The total number of women enrolled in all other schools of graduate study increased from 33 to 34 percent over the past year.

These data demonstrate encouraging signs for future numbers of women who are being trained to qualify for employment opportunities.

### Minorities

1981 represented the most outstanding year to date regarding the number of minority undergraduate students at Cornell. Minority students numbered 560 freshmen and 51 transfers this fall: 18.5 percent of all new students. This brings the total percentage of minority undergraduate students at Cornell to 14.5 percent. Total numbers of minority applications increased by over 800 between 1980-81 with a percentage yield increase of 2 percent (total yield was 52 percent). While we are extremely pleased by the increases among black, Asian, and Hispanic students (5.3, 5.8 and 3.2 percent respectively), American Indians remained constant at .2 percent.

The staff of the university's Admissions Office, College Admissions Officers and C.O.S.E.P. staff members should be commended for their fine job of aggressive, results-oriented recruitment efforts. Minority students already attending Cornell also played a vital role in encouraging prospective minority students to attend Cornell. Efforts must continue to attract minority students in general, and American Indian students in particular.

Numbers of minority students entering graduate study in the professional schools declined from 6.7 percent to 3.5 percent in Business and Public Administration; increased from 6.8 percent to 9.0 percent in the School of Law; and fell from 2.5 percent to 2.2 percent in the School of Veterinary Medicine. The total numbers of minority students enrolled in all other graduate fields fell from 5.4 percent to 5.0 in 1981. These figures represent a slight increase in the participation of minority graduate students in the Social Sciences, Physical Sciences, and the Humanities. Minority enrollment in the Biological Sciences declined from 4.7 percent to 4.0 percent.

An alarming trend seems to be taking place nationwide regarding a decrease in the number of minority students who are entering graduate school. Attractive job opportunities upon completion of undergraduate studies, coupled with increased competition for seats in (our) graduate schools, have resulted in a national decline in the number of minorities being trained in graduate study. The unfortunate assessment of these trends speaks not only to the number of minority students being trained at the graduate level, but of the discouraging prospects for future faculty and professionally trained persons from among our minority population. Increased efforts to recruit, admit, and graduate minority students at this level of study must remain a high priority item.

## FACULTY

### Women

The number of women faculty increased from 159 in February 1981 to 165 in October 1981. This represents a total utilization of faculty women at Cornell of 10.8 percent. This is an increase of .2 percent over the previous reporting year. While declining from 79 to 76 among assistant professors, women increased in their representation among associate professors (44-51),

and full professors (36-38). (Faculty include part-time, acting and temporary professorial appointments and exclude adjunct, visiting, courtesy, Health Services and ROTC professorial appointments.)

Among new faculty members joining Cornell in the fall of 1981, women constituted 18.1 percent of all new appointments. This is reflective of 13 new appointments from a total of 72. We must continue to witness appointments of women at least at this level if we are to remain consistent with our goal to have significant numbers of women faculty in our total professorial rankings.

The representation of women among nonprofessorial academics remains high in comparison to women within the tenure track line.

### Minorities

The overall representation of minority faculty in October, 1981 increased over the previous year's ratio by .5 percent. Among a total of 1,534 faculty, 87 are minorities. This calculates to 5.7 percent of our overall figures.

As far as nonprofessorial academic individuals are concerned, minority men and women represent 80, or 10.4 percent of a total of 769 persons.

The number of new minority faculty appointments was 11 out of a total of 72 for the fall of 1981. This represents a 15.3 percent comparison with total new appointment figures. A note of caution and clarification must be made with regard to minority faculty figures; for purposes of statistical significance, blacks, Hispanics, Native Americans, and Asians or Pacific Islanders have been combined into the category known as "Minorities". While goals for eliminating the underutilization of minorities are in effect across the university's academic units, a specific emphasis will be underway to attract "traditionally underrepresented minorities" for faculty assignments. Blacks, Hispanics, and Native Americans are particularly underrepresented among our faculty and we recognize the need to accelerate our efforts for these targets of opportunity groups. The section of this report titled "Results Oriented Proposals" will address several specific plans of action with which Cornell University will be attempting to address these, and other concerns.

## SUPPORT STAFF

### Women

White women comprise over half of all regular full-time nonacademic employees at Cornell. (Employees of the Medical College, Arecibo, and County Extension are excluded.) The majority of these women remain in the traditional job category of "secretarial and clerical".

Among the regular full-time exempt employees women in general are found to be well represented in the low to medium CPO grade levels (CPO 1-5). We are, however, pleased to note that both the total and the proportional numbers of women in the CPO 1-5 range has increased between 1980-81. In comparing 1979 with 1981 figures, for instance, women at the CPO 3 and 4 levels have increased from 93-159 and from 110-138 respectively (Total comparison of 1979 and 1981 staffing levels are not included in this report).

We, at Cornell, have for some

time been very concerned over the poor representation of women at the CPO 6 and above staffing levels. In 1980, the staffing of women in these higher level grades has been 37 of a total of 141 (CPO 6), 9 from a total of 56 (CPO 7), 10 from a total of 67 (CPO 8), and 0 from a total of 13 (CPO 9). The gap between men and women at this level of staffing remains high, even in 1981. The comparisons now reflect 40 women from a total of 157 (CPO 6), 10 women from a total of 60 (CPO 7), 9 women from a total of 66 (CPO 8), and still 0 women from a total of 12 (CPO 9).

Major job group analyses detail the fact that women have been hired at relatively significant levels in all categories with the exception of Executive and Managerial, and Skilled Crafts.

Of the 17 executive managers who were hired in 1981, 4 or 23.5 percent were women. Among professional hires during this period women comprised 61 of 128 new appointments or 47.7 percent. Secretarial appointments comprised a very high (86.8 percent) of total new hires. Technical appointments resulted in a hiring rate of 63.1 percent women. Skilled craft appointments reflected a hiring rate of 6.7 percent women. And, women comprised a total of 41.5 percent of all new service and maintenance employees. Although the Executive and Managerial, and Skilled Craft figures would seem to be out of proportion, they actually do reflect the availability figures with which we are working.

With regard to rates of promotion among nonacademic employees women were actually promoted at over twice the rate of men in all categories (16 percent for women and 7.7 percent for men). This rate likewise held true for promotion of women at the executive management and professional levels. A notation is in order in that during 1981, 192 men were promoted within the executive category compared with 43 women.

Turnover rates vary considerably among major occupational groups, ranging from a low of 7.7 percent for executive and managerial positions to a high of 20.6 percent for technical and paraprofessional positions.

Differential turnover rates among groups reflect the relative competitiveness of salaries at Cornell compared with outside alternatives, differing mobility patterns for each occupational group, and the differing age and sex structures of the labor pools from which each group is drawn.

In general, turnover rates are slightly higher for women than for men. There are so few women in some occupational groups (i.e., executive and skilled crafts) that percentages are often unrealistic indicators.

A comparison of incumbents within each major occupational group for six month periods (between March 1980 and September 1981) demonstrates two points with regard to men and women. Women certainly are being hired, but their relative numbers are not increasing dramatically inasmuch as men are likewise still being hired within all categories. The overall decrease in the percentage of minority hires in nonacademic groups leads us to conclude that so called "reverse discrimination" is not taking place as we attempt to implement af-

firmative action at Cornell.

### Minorities

We are very discouraged over the relative numbers of minorities who are employed in nonacademic job categories at Cornell. With regard to their overall representation in exempt level job groups, the total number of minority employees declined from 88 to 83 between 1980-81. The largest concentration of minority individuals remains in the CPO 3, 4 and 5 job grades. University wide utilization of even these minority employees is limited inasmuch as most of these persons are concentrated in "minority oriented programs". There happen to be no minority women who are classified at the CPO 6 grade level or above. The university actually lost 3 minority women at this level who secured positions elsewhere in 1981.

With regard to new hires within major occupational groups, minorities were below the average hiring rate in each category with the exception of technical/paraprofessional. Among new hires, 9.16 percent were non-minorities, and 8.4 percent were minorities.

In terms of promotion rates within major occupational groups, minorities were about on par with nonminorities (in comparison with total numbers of their respective ethnic groups within each occupational category). The comparison was actually 12.2 percent for minorities and 12.6 percent for non-minorities.

Regarding turnover rates for major occupational groups, minorities had a slightly higher ratio than did nonminorities. Again, this represents a comparison between the number of minority or nonminority turnovers in relationship with each racial group's total representation in the work force. The actual comparison is 18.6 percent minority turnover, and 14.4 percent non-minority turnover.

An examination of minority representation in major occupational groups over a 2-year period is a very revealing study. With the exception of skilled crafts and service/maintenance employees, minorities are actually less well represented at Cornell University than they were in March 1980. By comparing statistics from March 1981 to September 1981, minorities declined in their relative representation with each occupational group. In total, minorities comprise 5.55 percent of all Cornell nonacademic employees. This is a decline from a high of 5.83 percent representation in March 1980, and a decline from 5.82 percent in March 1981.

## TURNOVER OF FACULTY

The rate of turnover among faculty between July 1976 and June 1981 serves as a base for determining the net gain or loss of women and minority faculty over this same period of time. Of the 520 appointments which were made to the Cornell faculty over this 5-year period of time, 418 individuals were terminated for one reason or another. This averages to be an 80 percent turnover rate.

We can determine that the net utilization of male, female, and minority faculty during this period was plus 50, plus 43, and plus 9 persons respectively.

Against the 80 percent turnover average, men were terminated at 8 percent of their total appointment



rate, women at 54 percent of their total appointment rate, and minorities at 70 percent of their total appointment rate.

**CONCLUSION**

The number of women in the undergraduate, professional and graduate programs continues to increase. This trend also reflects the fact that women are preparing for careers in engineering, biological sciences, law, architecture, labor relations, and business in impressive numbers. If this pattern continues, the pool of women who are available to compete for positions in these fields will be firmly guaranteed in the future. The burden of responsibility to hire these professionals will, therefore, be squarely placed upon the shoulders of our nation's hiring establishments. The excuse that "no qualified women could be found" is quickly becoming a phrase of the past. Cornell is indeed reflecting the national trend of women who are seeking university training in record numbers. The School of Veterinary Medicine, for instance, remains among the nation's leaders in the number of women (54 percent) who are being trained.

We are, likewise encouraged over the number of minority undergraduate students who were admitted to Cornell University for the fall class of 1981. This past year's recruitment effort was indeed the most productive in the history of Cornell. As much as these figures are gratifying, however, the work toward recruiting and admitting minority undergraduates cannot afford to be diminished. Several cutbacks in federal financial support of university students will make this task even more formidable in years to come. Particular emphasis must continue to be enhanced regarding the admission of blacks, Hispanics, and American Indians.

In 1981 statistics relative to minority graduate students are much less optimistic. A total decline in numbers of minority graduate students at Cornell is reflected in a 5.0 percent total of minorities among all graduate students. Only the Law School, among the professional schools of study at Cornell has shown an increase in the number of minority students enrolled. Their figures represent a 9.0 percent minority utilization. The number of minority students in the School of Business and Public Administration declined significantly from 6.7 percent in 1980 to 3.5 percent in 1981. Likewise, the number of minority students enrolled in the School of Veterinary Medicine decreased from 2.5 percent in 1980 to 2.2 percent in 1981.

The percent of minorities pursuing graduate study is a national problem, and clearly represents a trend that must be reversed if we are to secure the significant pool of talented minority professionals from among whom we will draw our future scholars and leaders.

The number of women among the faculty at Cornell increased slightly over our figures of 1980. Women comprise 10.8 percent of the faculty at the university. New appointments of women in 1981 reflected an 18.1 percent ratio of total faculty hires. While we are continuing our efforts to recruit and appoint women to the Cornell faculty, we are encouraged to note that progress has been made in this regard.

Minorities in general were appointed to the Cornell faculty at 15.3 percent of all 1981 hires. Their total representation within the faculty is

5.7 percent which demonstrates a slight increase over 1980 figures (5.2 percent). While we are encouraged to see minorities as a group being appointed to faculty assignments, we remain discouraged over the relatively poor representation of black, Hispanic, and American Indian scholars among our community of scholars. Acceleration of efforts to identify members of these specific minority groups must be made if we are to realize a significant impact toward diversity at Cornell.

The rate of turnover among women and minority faculty as compared to the rate of turnover among white male members of the faculty deserves an analysis in relationship to the appointment progress of each group. While white males were terminated at a rate of 87 percent over the 5-year period between 1976-1981, minorities were terminated at a rate of 70 percent and white women at a "relatively small" rate of 54 percent.

The net number of "new" white males to the faculty over this 5-year period was 50. A net of 43 women were appointed over this same period. The results of those two comparisons are actually significant when determining the total impact of female faculty appointments.

Minority faculty appointments, on the other hand, reveal that while the turnover rate for these individuals (70 percent) was slightly less than either the university average (80 percent) or the average among white males (87 percent), the net result of minority faculty appointments from 1976-1981 was 9. While working with relatively small numbers of minority faculty to begin with, it therefore must be concluded that the results of turnover among this group have a much greater impact on the overall progress of minority faculty hiring than similar comparisons of either white men or white women.

The appointment of women to nonacademic positions has been steadily increasing over the last few years. In general, women are faring very well in the selection process in comparison to their availability in various recruitment areas. They are well represented in applicant pools and are often even better represented among those interviewed and hired than availability estimates would predict. The one area where women have shown the least success, skilled crafts, is also an area for which few women are trained and available as applicants. From a statistical perspective, women who are applying for positions in this area are being treated fairly. A continued emphasis on identifying women for senior level positions must be made. We cannot rest on the prospects that the favorable trends of hiring women in the recent past will serve to self sustain the affirmative action goals in this area.

Conversely, the percentage of hiring minorities among our non-academic employees is quite discouraging. Minorities are seriously hampered in the selection process by their relatively low availability for most positions and by the very large numbers of majority applicants who apply for a shrinking number of vacancies in a time of retrenchment. Departments (with strong support from University Personnel Services) seem to be making a concerted effort to interview those minorities who surface in applicant pools. Percentages of minorities interviewed are approximately equal to or greater than their per-

centages in applicant pools for nearly every job group in the university. Their vast numerical disadvantage, however, means that a minority candidate often must be exceptionally talented in order to successfully compete against the far more numerous majority candidates.

Because of this disparity, an aggressive effort will be made by the Office of Equal Opportunity to encourage departments to accelerate their recruitment efforts among minority applicants. An increase in the pool of minority candidates seems to present the only meaningful hope for reversing this downward trend.

**RESULTS ORIENTED PROPOSALS**

After analyzing the status of women and minorities at Cornell, it was felt that specific plans to enhance the diversity of Cornell should be included. Specifically, we wish to highlight several results oriented programs which are either in place or being planned for implementation.

A member of the faculty will be named to the position of Associate Provost for Equal Opportunity. This person will specifically be involved with the academic affirmative action programs of the university and will work closely with the Provost, the Provost for Medical Affairs, Deans, Department Chairpersons, Directors, Affirmative Action Unit Representatives, and the Executive Director of the Office of Equal Opportunity in developing effective recruitment, appointments, and other affirmative action strategies.

The Executive Director for the Office of Equal Opportunity will have increased responsibilities with assignments to coordinate several special projects. These new programs will be implemented to enhance the university's efforts to stimulate progress in the implementation of affirmative action. These new assignments include:

- a. Building an ongoing relationship

with several historically black colleges and universities to include faculty exchanges, student exchanges, staff and faculty recruitment, and possible joint research projects.

- b. Identify, in cooperation with the Office of University Development, research funding for women and minority faculty at Cornell. This will be particularly attractive as philanthropic foundations begin to invite research projects geared toward issues affecting women and minorities in particular.

- c. Coordination of 2 aggressive Cornell faculty committees which will be charged with seeking noted women and minority scholars for possible appointments to senior level faculty assignments at Cornell.

The naming of a new Minority Staff Development Specialist in the Office of Equal Opportunity will assist in the identification of minority candidates for positions at Cornell. This project will succeed only with the full cooperation of hiring units, personnel staffing specialists, and community leaders.

Plans are underway to require specific affirmative action goals regarding the utilization of minorities and women on all construction projects at Cornell. This plan will call for cooperation between the university and representatives of local construction firms as well as skilled trade unions.

Endowed academic units with few or no minorities and women may apply for a salary supplement for vacant assistant professorships to permit the appointment of these individuals to a tenured position.

University Personnel Services and the Office of Equal Opportunity have been working together to coordinate the affirmative action efforts of their offices to more effectively and more rapidly attain affirmative action goals for women and minorities.

Specific areas covered are:

- a. Targeted recruitment of women and minorities.
- b. Improving the quality of the search process.
- c. Improving the monitoring of the selection process.
- d. Developing a more effective management information system which would, among other advantages, allow us to identify women and minorities who could be targeted for career development at Cornell.

Continued efforts will be made to provide training seminars for area managers in all affirmative action units. This is being done to offer an opportunity for direct discussion regarding matters of affirmative action.

President Rhodes has issued an updated statement with regard to sexual harassment at Cornell. In his revised policy, the Office of Equal Opportunity has been designated as the coordinating office for all formal sexual harassment investigations. Moreover, the university policy forbidding sexual harassment is being shared with all members of the Cornell community, with particular emphasis on educating faculty, staff, and students to the requirement for maintaining an harassment free work environment.

In a similar fashion, President Rhodes wishes to reemphasize Cornell University's policy forbidding racial intimidation and harassment. He is firm in his belief that an educational environment such as Cornell's should be an example of positive human relationships, and not a community within which racial or semantic hatred should be encountered.

If, indeed, we are to witness the development of excellence through diversity at Cornell University, this goal can only be achieved through a mutual commitment by all concerned.

Submitted by Michael J. Montgomery

# Computer Facility Is Vandalized; Service Restored Within 5 Hours

A computer facility serving Cornell's physics and chemistry laboratories was back to nearly normal operation Wednesday, Jan. 27, less than five hours after a student tore several computer terminals from their connections and hurled them to the floor.

The 27-year-old graduate student in civil and environmental engineering was subdued by Cornell Public Safety officers, and was originally charged with criminal mischief in the second degree. The felony charge was later dropped and the student was ordered held for psychiatric observation.

Technicians working for Cornell Computer Services were able to repair and return to service all but one of the eight terminals involved in the incident, which occurred at about 9:55 a.m. The facility, located in the ground floor of Clark Hall, contains terminals linked to the University's central computers several miles away at Langmuir Laboratory, as well as several self-contained "mini-computers" which were unharmed.

The computer hardware, five video display terminals and three printers, received what Acting Director of Academic Computing Douglas Gale called "cosmetic

damage" such as bent chassis and broken keys. The video display terminal that could not be immediately repaired is valued at about \$1,500.

Minor damage to electric outlets in the room also was repaired, and the facility was ready for use shortly before 3 p.m. Gale said the facility usually receives heavy use, but was unoccupied at the time of the incident, apparently because spring semester classes had just begun and students had not yet received their assignments. The central computer system was not affected by the incident.

It was, to the best of Gale's knowledge, the first such case of systematic damage to Computer Services equipment although isolated incidents of vandalism and theft have been reported in the past. Computer Services routinely keeps a supply of repair parts and replacement units on hand, Gale said, but the technicians are more accustomed to dealing with equipment failures due to "acts of nature" such as lightning, power surges and water leaks.

Computer Services is now considering locking terminals and mini-computers to tabletops, Gale noted.

## Careers Session Explains GR18

Employees will be able to learn about employment opportunities in the job category Secretary-GR18 at 12:15 p.m. Tuesday, Feb. 9, in 202 Uris Hall in the third session of the Cornell Careers Program.

Ann Barber, executive staff assistant in nutritional sciences, will describe the skills employers seek in job candidates for GR18. She will highlight some of the ways employees may prepare for a transition into this position.

Also, Edie Clark, administrative aide in the Department of Psy-

chology, will discuss typical day-to-day responsibilities in secretarial positions at the GR18 level.

Additional information about the Cornell Careers Program may be obtained from the Staff Relations and Training Office of University Personnel Services, 256-7400.

Future sessions in the program are scheduled to look at the positions of accounts coordinator GR-21, administrative aide GR-21, staff writer/editor and student development specialist.



# Brief Reports

## First Off-Campus Housing Fair in WSH

An Off-Campus Housing Fair has been scheduled for 11 a.m.-3 p.m. Thursday, Feb. 11, in the Memorial Room, Willard Straight Hall. The fair is the first of its kind at Cornell and is being held in order to provide information to students concerning their housing options for next year.

Information on the following topics will be available at the fair: places to live off-campus, on-campus housing lotteries, transportation, utilities and energy conserva-

tion, landlord-tenant relations, consumer issues, fire safety and crime prevention.

Representatives from the Public Interest Research Group, Tompkins County Cooperative Extension, Home Finders, New York Telephone, NYSEG, Cornell Public Safety and Life Safety Divisions, Transportation Services and the Housing Assignments Office will be distributing information and answering questions.

For further information contact the Off-Campus Housing Office at 256-5373.

## Agriculture College Votes Honors to Two

A Tompkins County dairy farmer and an expert in artificial insemination have been honored by the university for their contributions to the dairy industry in New York state.

Ronald W. Space of Freeville and Elmer E. Clapp Jr., of Ithaca received the awards from the State College of Agriculture and Life Sciences.

Space owns and operates Millbrook Farm, a dairy farm which has 235 animals, including 135

milking cows and 550 acres of land. He is cooperating with Cornell researchers in carrying out a \$1.5 million project aimed at making the farm meet much of its own energy needs.

Clapp, on the staff of the Eastern Artificial Insemination Cooperative in Ithaca since 1956, serves as director of special sire programs. Previously, he held the positions of sire analyst and sire program manager.

## International Students May Go to Capital

International students here interested in taking part in the annual spring break visit to Washington, D.C., should contact the International Student Office at 200 Barnes Hall as soon as possible.

For the past 20 years, the Cornell Alumni Club of Washington, D.C., has sponsored the trip to the nation's capital. The six-day trip (Sunday, March 28 through Friday, April 2) will include home stays with alumni, a visit to Williamsburg, Va., and visits to the many historical sites in and around Washington.

## Kram Award Goes For Portugal Study

Lisa Aronson of 66 Hickory Hill Road, Tappan, N.Y., has received the Judith Ellen Kram Award from Cornell University's Women's Studies Program.

Aronson, a senior in the College of Arts and Sciences at Cornell and a College Scholar, is using the award to study the effect of the Portuguese revolution of 1974 on women's lives. She is spending this semester (spring 1982) in Portugal conducting interviews with five generationally and geographically diverse working-class women.

The Kram Award was established by Ruth Kram and Daniel Kram (Cornell '48) of West Orange, N.J.,

## SAGE CHAPEL

### Catholic Chaplain Will Give Talk

The Rev. James Kelly, Cornell University Catholic chaplain, will speak at the 11 a.m. Sunday, Feb. 7, Sage Chapel Inter-religious Convocation. Kelly's sermon topic will be "The Healing of Guilt."

Kelly's academic training was in Rome, Italy, and Jerusalem, where he studied at the French School of Archeology and Biblical Research. He holds a Doctor of Theology degree with a specialization in biblical studies and did post-doctoral research at Princeton and Cambridge University.

During his several years in Jerusalem, Kelly traveled extensively in the lands of the Middle East, about which he is writing a book.

In addition to his full-time campus ministry, Kelly is a member of the religious community of Mount Savior, which is near Elmira.

Music for the service will be provided by the Sage Chapel Choir under the direction of Donald R.M. Paterson, Sage Chapel choirmaster and university organist. Graduate student Stephen May is assistant conductor and accompanist.

in memory of their daughter, Judith, a former member of the Class of 1977 at Cornell and an advocate of field research opportunities for undergraduates.

The award provides up to \$1,000 for use in meeting expenses associated with field research projects on subjects related to the status of women. Competition for the award is open to undergraduates in all colleges at Cornell.

# Student Assembly Meets Today

The Student Assembly will meet at 5 p.m. today in Goldwin Smith D.

Items on the agenda include a resolution from the Priorities Committee, discussion of a lobbying campaign against President Reagan's budget cuts, reports from the Dining Committee and the Grievance Committee.

The Priorities Committee resolution concerns the establishment of a committee to provide orientation information for students interested in running for Student Trustee.

The Student Assembly is also expected to award two commendations: One to William P. Paleen, director of residence life, and his staff for their efforts in cleaning up the North Campus Dorms, which were damaged when heating pipes froze and burst during the severe cold weather a few weeks ago.

The second will go to Michael Freer '83 for his assistance in the apprehension of a man who is charged with sexually abusing and robbing two Collegetown women on Dec. 18, 1981.

At an unscheduled, special meeting of the Student Assembly on Jan. 28, a resolution was adopted which, in part, called for the university administration to "respect the integrity and rightful involvement of the respective assemblies in reviewing, advising, and/or approving or defeating any actions or policy changes which fall under the jurisdiction of the assemblies...."

The resolution was adopted in response to the Student Assembly's dissatisfaction over several recent administrative decisions including one to raise central campus parking meter charges before the University Assembly's Committee on Transportation Services had properly addressed the issue, according to Al Cowger Jr., '82, co-speaker of the Student Assembly.

The assembly's Committee on Transportation Services has, according to the charter, the authority to recommend fees and user charges for parking and bus systems.

The same resolution was in-

troduced at the Employee Assembly meeting of Feb. 2. The assembly did not act on the resolution, instead referring the parking meter issue back to the Committee on Transportation Services, stating that the members "believe in the committee system and want to work within that system."

After a meeting between the chairpersons of the assemblies and Cornell administrators, William D. Gurowitz, vice president for campus affairs, wrote to assembly members. In his letter he said, "Because I value committee input, I have asked Bill Wendt to again discuss the problem of center campus short term parking with the Committee on Transportation Services."

All meetings of the Student, Employee and University Assemblies, and their related committees, are open to the public. The Committee on Transportation Services will meet at 2:30 p.m. Friday, Feb. 12, in 103 Day Hall.

## Environment Conference Scheduled Feb. 18-27

Does environmental quality need to be sacrificed under Reaganomics? This question will be the focus of the forthcoming conference here, "The Economy or the Environment: Need We Choose?" Feb. 18 through 27.

The conference will be launched with a keynote address by Gaylord Nelson, former U.S. senator and governor of Wisconsin, the founder of Earth Day and current chairman of the Wilderness Society. Nelson's presentation is at 8 p.m. Thursday, Feb. 18 in the Statler Auditorium.

Sponsored by the Department of Natural Resources in the State College of Agriculture and Life Sciences, the Coalition for Environmental Responsibility, and the Eco-Justice Project, all at Cornell, the conference will continue throughout the week with a debate, panel discussions, a workshop and a cross-country ski race.

The debate, scheduled for 4 p.m. Feb. 22 in the Moot Court Room of Myron Taylor Hall will center on the conference's theme. It will feature Cornell economics professor Alfred Kahn, former economic adviser to President Carter; Duane Chapman, associate professor of agricultural economics at Cornell; and, as moderator, Neil Orloff, Cor-

nell professor of environmental law and engineering.

On Tuesday, Feb. 23, at 7:30 p.m. in Goldwin Smith Hall, the panel discussion will involve five Cornell professors who will examine the environmental consequences of current government policies. The discussion on Thursday, Feb. 25, at 4:30 p.m. in 202 Uris Hall will focus on the challenge of Reaganomics to environmental ethics.

The five-mile cross country ski race, sponsored by the National Clean Air Act Coalition, will consist of team and individual events. Scheduled for 1 p.m. Saturday, Feb. 20, at the Cornell Golf Course, the race is open to the public.

The conference will end with a workshop on environmental activism to be held at 10 a.m. Feb. 27 in the Big Red Barn.

For more information, contact the Eco-Justice Project Office, Anabel Taylor Hall, Cornell University, Ithaca, New York 14853, at (607) 256-6486.

## The Week in Sports

### Wrestlers, Gymnasts Return Home

The first home action in 1982 for both the men's wrestling and women's gymnastics teams highlights the Cornell sports schedule this week. Both squads come off impressive performances this past weekend and are anxious to return home. The wrestlers will be host to Cortland, James Madison and Colgate in a quadrangular meet at 6 p.m. Friday in Barton Hall, while the women gymnasts entertain Eastern power Massachusetts on Saturday afternoon at 1 p.m. in Teagle Hall.

In other Big Red sports action at home this week, the women's swimming team takes on Rochester at 7 p.m. Thursday at the Teagle Pool, and the men's swimmers are at home against Brown at 2 p.m. Saturday in Teagle Hall. The men's and women's polo teams will both play squads from Virginia University this weekend, with the women scheduled to play at 7:30 p.m. Friday at the Oxley Polo Arena and the men set to compete at 8:15 p.m. Saturday.

Last weekend proved to be a very successful one for the Cornell wrestling team as the Big Red picked up four wins, defeating Penn on Friday (33-18) and then Princeton (22-17), Lycoming (28-9) and Upsala (36-16) on Saturday. The Red

is now 6-3 overall and 2-0 in the Ivy League. Freshman Pat Welch and sophomore Mike Mankowich led the way last weekend, as Welch won three of his matches at 150 pounds on Saturday and Mankowich recorded two victories at 158 pounds and another at 167. Cornell will be looking to continue its winning ways as the Big Red defeated all three schools last year, topping Colgate, 32-6, Cortland, 35-8, and James Madison, 24-19.

The women's gymnastics team also came up with a big performance last Saturday, defeating Temple and East Stroudsburg in a triangular meet in Philadelphia. The Big Red gymnasts recorded a team score of 134.65 points, the highest total ever scored in a meet by the Cornell women. Freshmen have played a major role in the Red's 4-1 record thus far, particularly Birgit Zeeb, who set a school record two weekends ago with a score of 34.15 in the all-around competition and almost matched that mark on Saturday with 34.10 score.

Freshman Karen Walsh and sophomore Ellen Mayer both had career-high totals in the all-around last weekend, scoring 33.05 and 33.10, respectively. This Saturday afternoon's meet with Massachusetts figures to be the Big Red's

toughest test of the season as Cornell has never defeated the visitors. Last season, Massachusetts finished among the top five schools at the Eastern regionals.

The women's swimming team is now 6-4 on the season after defeating Pennsylvania, 83-66, Saturday afternoon. Freshman Gretchen Landis set school records in the 1,000-yard freestyle and 200-yard backstroke, while senior Carolyn Burney set a Cornell mark in the 200 free. The victory was the Big Red's first-ever against Penn; Rochester leads the series with Cornell, 4-1, and defeated the Red last season, 63-59.

The men's swimming team will try to rebound after last Friday's 84-26 loss to Yale. The Big Red is 3-3 thus far and leads the series with Brown, 5-4. John Rudel was Cornell's top performer against Yale, winning both the 1,000 and 500-yard freestyle events.

The men's hockey and basketball teams both have a pair of important games on the road this weekend. The Big Red hockey team travels to Vermont on Friday and RPI on Saturday, while the basketball team, still in first place in the Ivy League standings with a 3-1 record, is at Princeton on Friday and Pennsylvania on Saturday.