

# Cornell Chronicle

Volume 16, Number 10

Thursday, October 25, 1984

## An Outstanding Weekend for Cornell

It was a blue-ribbon weekend for Cornell University as members of the Cornell University Council joined the Cornell Board of Trustees on campus for their annual fall joint meeting.

This year's event held some particularly happy surprises for those who took part. For example, Governor Cuomo came to pay a visit and to talk with trustees. He also came bearing a pledge to seek support of the State Legislature for \$20 million in funding for the new Biotechnology building here. The text of his address and photographs are on Page 3.

Trustee Samuel C. Johnson also attended the meeting, and chose the occasion for the announcement of the largest single gift ever made to a business school—\$20 million to the Graduate School of Management, which has since been named the Samuel Curtis Johnson Graduate

School of Management for Johnson's great-grandfather. (Story below.)

President Frank Rhodes delivered his annual State of the University message to the joint Trustee-Council meeting. In addition to bringing those assembled up to date on the significant things happening on campus, President Rhodes spent a good bit of his talk on just one of the university's many goals: that of providing "diversified, distinctive and distinguished undergraduate programs." The text of the substance of that talk begins on Page 4.

Provost Emeritus W. Keith Kennedy delivered a report to the board on progress being made in implementing the recommendations made a year ago by the Trustee Subcommittee on Minority Education at Cornell. The text of that report begins on Page 11.

## Johnsons' Record Gift Goes to GSM Here

### \$20 Million Most Ever to a Business School; His Great-Grandfather Honored

The largest gift ever made to a business school, \$20 million to the Graduate School of Management here from Samuel C. Johnson, chairman of S. C. Johnson & Son, Inc., was announced last Thursday by Cornell President Frank Rhodes.

Johnson, a member of the Class of 1950 at Cornell, is joined in the gift by his wife, Imogene Powers Johnson, Class of 1952, and other family members and related companies and institutions.

The gift is in honor of Samuel Curtis Johnson, great-grandfather of the donor, and founder a century ago of S. C. Johnson & Son, Inc., commonly known as Johnson Wax, headquartered in Racine, Wisconsin.

President Rhodes said the school will be named the Samuel Curtis Johnson Graduate School of Management, in recognition of the gift.

"We do so," Rhodes said, "not only to express our deep appreciation for the family's generosity, but equally to acknowledge the important commitment to progressive and humane management, to uncompromising quality, to an international awareness, and to the high ethical principles that the Johnson name has come to signify in the business world."

He noted that the Johnson firm's founder was a contemporary of Ezra Cornell, founder of the university. Rhodes made the gift announcement at a joint dinner meeting of the Cornell University Board of Trustees and the Cornell University Council. The gift will function as endowment for the school.

Rhodes said, "An act of this magnitude and vision will have enormous impact on the school's future. It will become the foundation of our plan for achieving one of the pre-eminent positions in management education for the Samuel Curtis Johnson Graduate School of Management, while fulfilling a commitment to foster sensitivity to individuals and international cultures."

Curtis W. Tarr, dean of the school, who came to that position earlier this year, said, "For a new dean, this truly is a milestone gift — all the more welcome because Mr. Johnson's goals for the school mesh so well with my own and that of our faculty and alumni who have helped over the years to define the school's mission. These goals include:



The Johnson family, seated, accepts the standing applause of fellow Cornellians after the announcement Thursday night in Statler Auditorium of the \$20 million gift from Mr. and Mrs. Johnson.

—Identifying and developing entrepreneurial talent.

—Creating and nurturing a global perspective among our students.

—Sharpening the awareness of and exposing our students to the impact of technology on business.

—Through a quality curriculum, graduating managers who inspire others to follow.

President Rhodes also announced that the school's alumni and friends will launch a fund-raising effort for a minimum of an additional \$20 million, or more as additional needs and potentials become clear. Among the school's new objectives are a continuing education center for executives, additional faculty, doctoral office space,

#### Related picture on Page 2

and worldwide scholarships.

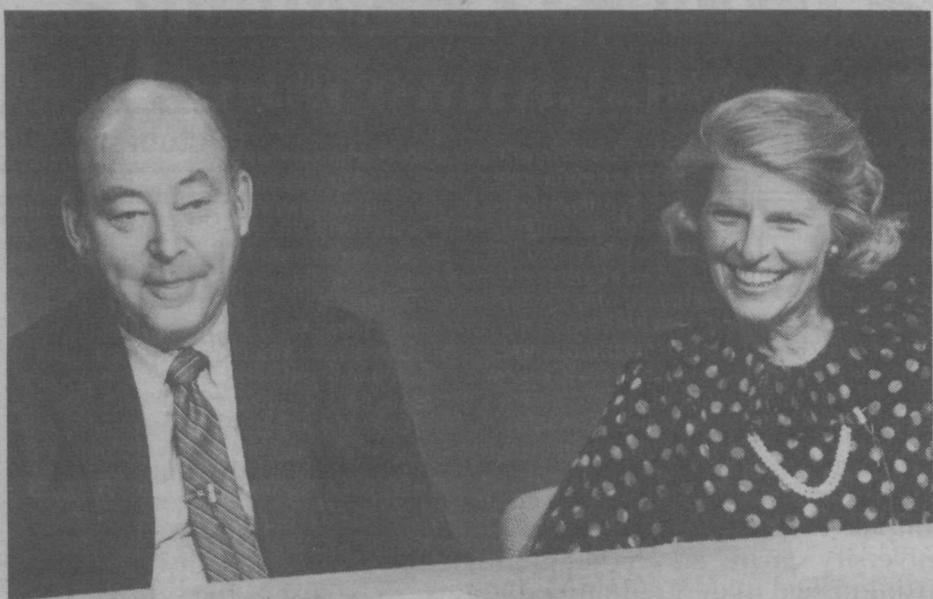
Dean Tarr said the development of an outstanding executive education center within the next four years is a high priority. The center would be related to the school, but would have faculty and administrative participation from other colleges at Cornell. During its development period, he said, the present Executive Development Program that is conducted in the summer will be expanded, with the use of other campus facilities, including the Statler Inn.

With the gift to the management school, the Johnson family continues its tradition of close connections with Cornell. Herbert

F. Johnson, Class of 1922, provided the principal funding for the Herbert F. Johnson Museum of Art on campus, now an Ithaca landmark and an outstanding regional art museum.

Samuel C. Johnson has been a university trustee since 1966 and is chairman of the Graduate School of Management Advisory Council. He and Mrs. Johnson have established a minority scholarship at the Management School, endowed a chair in marketing, and funded a program to bring scholars from other parts of the university to the school. All four of their children have attended Cornell.

In addition, Samuel Johnson's maternal grandfather, Olaf Brauner, was once head of the university's Fine Arts Department.



Samuel C. Johnson '50 and Imogene Powers Johnson '52 at an interview session after the announcement of their gift.

## Newsweek Editor Discusses Issues Of Minorities in Nation's Media

By LISA H. TOWLE

Pluralism in the newsrooms of America may not be the entire answer to the dilemma of fair and universal coverage of the news, but it is a good start, offered Dennis Williams, education editor of Newsweek magazine, to a Cornell audience last week.

Williams, a Cornell alumnus (class of 1973) and president of the Cornell Black Alumni Association, charged that one major reason there are not more minorities among the ranks of American journalists is because those "in the decision-making ranks lose sight of readers and viewers" and instead look at demographic reports that paint a picture of a more affluent, non-minority, consumer-oriented population.

But the root of the problem goes even deeper than demographic surveys and advertising revenues, said Williams. Minorities are not fairly represented in the media or written about in a thorough way because "this country is not, nor has it ever been, the place the mainstream media imagined it to be."

While some progress has been made to improve the lack of minority representation in the news, it has come slowly and sometimes at great expense. At Newsweek, said Williams, out of 57 writers, only two are black; and there are only five black correspondents out of 80. The pressure to perform is great for those minorities who have made it. Witness, he said, the recent suicide of Chicago Tribune columnist and

editorial writer Leanita McClain who at the age of 32 was hailed as a black pioneer in the mainstream news media. Williams speculated that it was "entirely likely that McClain advanced largely because she was black" and that the pressures she felt and racism she saw around her were "symptomatic of the forces that weigh upon people of color in journalism."

"Our tenure remains tenuous and the level of influence achieved by minority journalists is minimal," Williams said.

The biggest plus minorities can bring to journalism is a multi-dimensional view of the world and a slant that offers the public another perspective, said Williams. Before reaching this point, however, two major barriers must be overcome.

Ridding papers, magazines and the airwaves of a "white, middle-class reflection of the news" means editors must lay aside the "ludicrous" notion that minority journalists can't be objective in editorial positions. After all, asked Williams, "does anyone say that whites can't cover whites fairly?"

Finally, the "old-boy network" must be integrated. Until then a homogenous set of "collegiate style people who believe in the same things, think the same way, lunch together, drink together and golf together" will make decisions about the news that many types of people hear, Williams concluded.

## Ellis H. Robison Dies; Longtime Benefactor

Ellis H. Robison '18, long-time benefactor of the university, died Wednesday, Oct. 17, at Good Samaritan Hospital in Troy. He was 88.

Robison's many gifts to the university totaled more than \$3 million and included the Ellis H. Robison Hall of Fame Room in Schoellkopf Hall, the Robison York State Herb Garden in Cornell Plantations, team vehicles for the Department of Physical Education Athletics, and a women's boathouse and crew shell.

Some of the money for his gifts came through the sale at various times of coins from the extensive coin collection he and his wife, the former Doris Burgess,

donated to Cornell and other institutions including Russell Sage College, Rensselaer Polytechnic Institute and Brown University.

At the time of his death, he was chairman of the board, chief executive officer and treasurer of John L. Thompson Sons & Company of Troy, one of the country's oldest wholesale pharmaceutical firms.

In 1978, Robison was elected one of Cornell's Presidential Councilors, "a distinction conferred for life upon men and women who during their most active years have given high service to Cornell and have made an outstanding contribution to the future of higher education."

## Biotechnology Conferees Hear Of New Pest Control Strategy for Gypsy Moth

Latent virus infections, similar to those responsible for cold sores and multiple sclerosis, are the basis of a new technique that may control unwanted insects.

Gypsy moths, which have stripped millions of acres of forests in recent years, are the targets for this new method of attack being developed by scientists at the Boyce Thompson Institute for Plant Research (BTI) and Cornell University.

Insect virologist H. Alan Wood of BTI, located at Cornell, described the strategy Tuesday at the conference, "Cornell Biotechnology: Plants and Economic Development."

Wood's collaborators are Patrick Hughes, insect physiologist at BTI, and Warren T. Johnson, professor of entomology in the New York State College of Agriculture and Life Sciences at Cornell. Research on this new type of biological control is made possible through biotechnology techniques that allow for cloning and manipulation of "dormant" viruses.

"Latent viruses, also known as persistent viruses, can live undetected within their hosts for years, without causing recognizable harm," Wood said.

However, when the host is stressed, for whatever reason, the latent virus becomes activated and destructive. For example, with the herpes simplex virus infections of man, the virus normally produces no symptoms. Following a stress, such as fever or emotional disturbance, though, the latent virus is activated and produces cold sores.

This activation may occur when the organism's immunological system is impaired under stress, allowing the virus to do its damage.

Wood said that many serious insect pests of plants, such as the gypsy moth and the cotton bollworm, may also harbor latent viruses. Wood's planned control strategy calls for latent viruses to be activated on command, and to destroy the host pest.

"Our research relies on a basic concept of biological control," Wood said. "We must understand what happens in nature, and then manipulate natural processes to our advantage."

Wood took his inspiration for this new line of research following observation of the most recent cycles of the growth and decline of gypsy moth populations in his own backyard, and throughout the Northeast. Gypsy moth larvae populations flourished for several years, until the population was stressed by a shortage of food. The moths then moved from their favored species, red oak, to pine and poplar, relatively undesirable food items. This change in diet resulted in a physiologic stress and

the gypsy moth population soon crashed. "It was found that the dead larvae were laden with virus particles, more than one trillion particles per insect," Wood pointed out.

This discovery suggested to Wood that the virus had been present in the gypsy moths during their "boom periods," but in an inactive, latent mode. He hypothesized that manipulation of such a latent virus could serve as a new means for controlling serious insect pests.

A first step in this research is to document that this gypsy moth virus is, indeed, a latent virus. Confirming data should be available this spring.

Wood noted, with caution, that most earlier studies that tried to use insect viruses to control pests have been only marginally successful.

He believes that latent viruses can be a superior control mechanism because "they could be more easily manipulated to control insect pests."

Wood's work is sponsored by the Cornell University Biotechnology Program. The Cornell Biotechnology Program is supported by the New York State Science and Technology Foundation and by a consortium of industries — Eastman Kodak, General Foods, and Union Carbide. It sponsors research at Cornell focused on the molecular aspects of genetics and cell biology, but with applications to plants, animals, and cell production.

The Cornell Conference on Biotechnology (Oct. 23-24) was the second annual program to explore how biotechnological research can be applied to meet human needs. It attracted several hundred research scientists from industry and universities, as well as industrial executives responsible for research and development. The two-day conference focused on biotechnological achievements made in the plant sciences and their economic development.

## Cornell Chronicle

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

# Governor Cuomo Comes Bearing a \$20-Million Promise of Support

Here is the text of remarks prepared for delivery by Governor Mario M. Cuomo last Friday at a joint session of the Cornell Board of Trustees and the Cornell University Council.

"I want to thank you for the invitation to address this gathering of the Board of Trustees, University Council, senior staff, faculty and students.

"Cornell University is an important resource for this entire state, an internationally respected institution whose graduates have gone into leadership positions in the arts, business, science, agriculture, education, in every phase of our national life.

"Two of those graduates — Horace White and John Alden Dix — became governors of New York.

"Of the two, the historical evidence indicates that John Alden Dix was the one who paid attention in his political science classes: He became a Democrat.

"That, in fact, is the purpose Cornell was founded for.

"Not to produce Democrats — although I find something wonderful in a university founded by two Republican state legislators that can turn out a Democratic governor.

"But to open higher education to everyone, to the children of farmers, workers, immigrants, to give them the chance to rise by their talents, to become scientists, entrepreneurs, governors.

"The idea behind the 1862 Morrill Land Grant Act, which helped bring this school into existence, was that simple: Put public resources into higher education, give more and more young people access to college, and that investment will pay off a thousand-fold.

"The idea seemed radical in 1862, in a country struggling with the issue of slavery, in a world where higher education was almost uniformly regarded as the preserve of the upper classes, the right of the wealthy and the well-born.

"But it worked.

"It changed America. It allowed millions of people to achieve the dreams that had drawn their parents here, the hunger for knowledge, the desire for self-fulfillment, the struggle to realize new ideas of freedom.

"And New York led the way.

"Building on the Land Grant Act, we gradually invested more and more of our resources in education, in maintaining the excellence of our private colleges and universities, in creating the finest and most extensive system of public and private education in the world, in seeing to it that all our talented young people could have the chance to go to college.

"The results of America's experiment in education were beyond anyone's imaginings.

"Our schools became synonymous with our greatness.

"The scientists and technologists our colleges and universities turned out — the engineers, philosophers, thinkers, mathematicians, teachers, physicists, agronomists, accountants, business leaders — they revolutionized our society, making us the role model for the entire world.

"The world envied us.

"Then it emulated us.

"Now it's competing with us.

"The economic competition we face is in part an educational challenge. Our competitors are investing more and more in research and development, in marrying the know-how of their universities to the needs of their industries, in training their young people in the technologies that are reshaping

ing the way we learn and communicate and manufacture.

"In New York, we are meeting that challenge. We're investing more than ever before — everywhere — in every phase of higher education.

"This year we passed a \$48 million increase in the state's Tuition Assistance Program, and we created a new supplemental student loan program to help students in public and independent colleges meet costs not covered by existing programs.

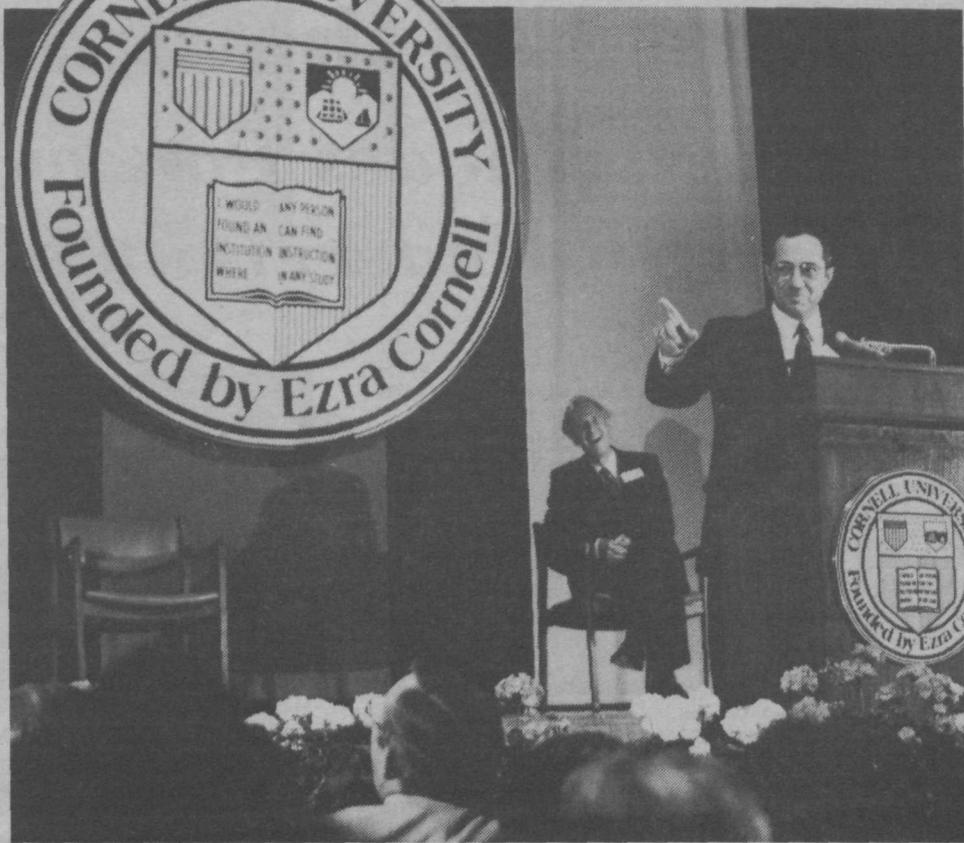
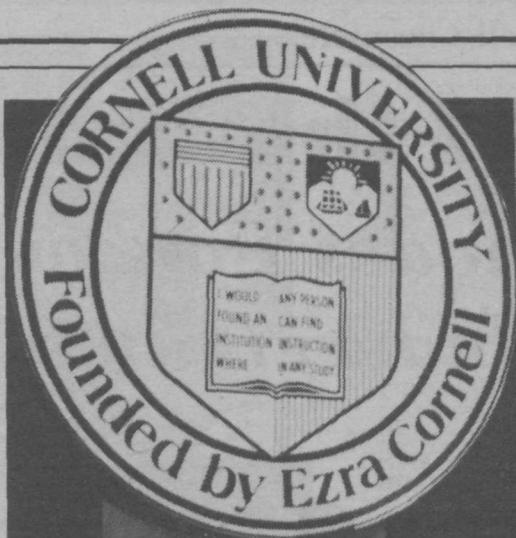
"New York already outstrips every other state in the breadth of its efforts to introduce our pre-college students to new technologies through computer-assisted instruction and problem solving, and we're going to do even more in this area in the year ahead.

"On the university level, we have initiated a network of centers for advanced technology at seven universities throughout the state, supported in part by annual grants from the State Science and Technology Foundation as well as awards from private industry.

"Cornell successfully competed for the award of a center for advanced technology designation in the field of biotechnology, and I was very pleased to announce the university's inclusion among the winners last year.

"Soon after that, President Rhodes came to see me. Frank Rhodes is a man with great gifts of intellect and character. On his own, he is always articulate and persuasive. But he didn't come alone. Walter Fallon of Eastman Kodak and Amory Houghton of Corning Glass came along with him.

"Together, they made us an offer we couldn't refuse: If the state would help finance a major share of the construction of a new biotechnology institute — a state-of-the-art facility designed to encourage the rapid application of research to practical problems — then a number of New York corporations would pledge their support.



At one point in his talk, Governor Cuomo pointed to a butterfly that was flying about in the television lights, distracting the attention of some of the audience. He admonished his listeners to watch him, not the butterfly, because the butterfly wasn't bringing them anything.

"Today, I'm glad to report to you that I will immediately recommend to the Board of Directors of the New York State Urban Development Corp. that it make available to the university \$2 million from its existing resources for the initial planning and design of this vitally important facility. In addition, I will recommend to the Legislature the appropriation of a total state commitment of up to \$20 million for the construction of this project over the next several years, matched by \$10 million from the university itself through the State Dormitory Authority.

"I know that this facility will be of tremendous importance to the statutory colleges here at Cornell and to the businesses and industries which will use the results of the research carried on here.

"In fact, that private-sector commitment by Eastman Kodak, General Foods and Union Carbide to support the operations of the institute was a key factor in today's achievement.

"This private-sector partnership will contribute over \$3.8 million per year to the institute. Federal and foundation grants are annually expected to attract another \$8.5 million. The state, for its part, will pay its fair share of the maintenance costs of this new facility in proportion to the degree to which it is utilized by the faculty, staff and students of the statutory colleges.

"This is an important development for both Cornell and New York. But as impor-

Continued on Page 15



Trustees, along with President Frank Rhodes, share a light moment with Governor Cuomo during his visit. From left are Stephen H. Weiss, Cuomo, Sol M. Linowitz, Harvey E. Sampson, Austin H. Kiplinger, Rhodes, Samuel C. Johnson and Robert A. Cowie.

# State of the University

## President Rhodes Concentrates On Undergraduate Education

Delivering his annual State of the University address to members of the Board of Trustees and Cornell University Council last Friday, President Frank Rhodes expressed gratitude to both groups for their outstanding leadership and continuing support. He also thanked them for their dedication and deep commitment to the university, and reviewed the highlights of the past year. Rhodes then reviewed the progress and future plans for one of the 10 goals he set shortly after his arrival at Cornell — to provide diversified, distinctive and distinguished undergraduate programs.

The substance of his speech, as prepared for presentation, follows:

### FACULTY

"Since we gathered here last October, we have seen Cornell's annual research support increase from \$116 million to some \$134 million, with gains in nearly every major university division. This year, too, 11 of our faculty were among 200 young scientists and engineers nationwide to receive the first Presidential Young Investigator Awards — second only to Berkeley and Stanford in the number awarded to any one university — and eight members of the faculty received Guggenheim Fellowships, placing Cornell third in the nation in terms of the number of awards received.

"The contribution of our faculty members is also seen in the leadership they provide within their professional societies and associations and the individual prizes they receive. Let me illustrate this by just one college, the Medical College. Elections of faculty members in medicine included Dr. David Becker, professor of medicine and radiology, as president of the American Thyroid Association; Dr. John Talbott, professor of psychiatry, as president of the American Psychiatric Association; Dr. Russel Patterson, professor of surgery, as president of the American Association of Neurological Surgeons; Dr. Robert Haggerty, clinical professor of pediatrics, as president-elect of the American Academy of Pediatrics; and Dr. John L. Stevenson, professor of physiology, as president of the Society of Mathematical Biology.

"In addition, during the past year, Dr. Marcus Reidenberg, professor of pharmacology and of medicine, received the Experimental Therapeutics Award of the American Society for Pharmacology and Experimental Therapeutics; Dr. William Shapiro, professor of neurology, received the Ann and Jason Farber Award of the American Academy of Neurology; and Dr. Alton Meister, professor and chairman of biochemistry, received the William Rose Award of the American Society of Biological Chemists.

### PROGRAMS

"This year has also seen the development of several major new programs that promise to improve teaching and research, not only at Cornell, but far beyond it.

"This summer, for example, Cornell received an \$8 million grant from IBM that will enable our faculty to undertake the development of software and programs to stimulate the use of computers in a teaching setting. Known as Project Ezra, the program will enable Cornell to join a small number of leading institutions in developing advanced computer applications that support instruction and research.

"And just last month, the Charles A. Dana Foundation awarded Cornell a three-year \$348,300 grant which will let us begin a unique program to improve the training of college mathematics faculty and their students at other institutions. We also have a smaller project aimed at improving math teaching in the high schools sponsored by our Committee on Education and the Community.

"The grant will enable Cornell to provide advanced training to 18 mathematics faculty from four-year colleges, particularly those from small, liberal arts schools. In exchange, these experienced instructors will teach the university's freshman calculus sections, reducing our class size here from about 250 students to a much more manageable 22 students each.

### STUDENTS

"That concern for the student and for quality in education pervades everything we do, and it may help to explain our heartening performance in the area of undergraduate admissions. Despite the decrease in the overall numbers of college-age students, Cornell received almost 19,500 applications for the 2,800 places in the current freshman class. That represents a 7 percent increase over last year and an all-time record for Cornell. The quality of our students continues to be extremely high, with SAT scores for this year's students up by 2 points on the verbal and 7 points in math.



"We are especially pleased that our yield — the percentage of students who accepted our offer of admission — was the highest ever, and that there are 29 percent more minority students, and 48 percent more black students, in the freshman class this year than a year ago.

"Moreover, our students have distinguished themselves not only academically, but in a host of other activities. From the U.S. Olympic kayak team to work with local community service agencies to orientation, where 400 volunteers each spent 50 hours helping new Cornellians, our students have demonstrated a level of energy, a caring spirit and a commitment to larger goals that is a source of pride and satisfaction for us all. I find their level of involvement all the more remarkable, given the number of students who now work during the school year to help finance their education.

### ALUMNI

"That commitment to work has been strengthened immeasurably by the hundreds of Cornell alumni actively participating in the unique financial aid program known as the Cornell Tradition. This year 379 students hold academic year fellowships made possible by the Cornell Tradition, up from 290 last year, and almost 600 Cornell students — a third more than last year — found interesting and educational employment this summer through the Cornell Tradition's Summer Job Program.

"Cornell alumni throughout the nation and beyond have risen to the task Livingston Farrand set for us more than a half century ago: '...to see that the Cornell of the future shall have a spirit, a quality and a character worthy of its opportunity.'

"And we see that spirit and character reflected not only in the Cornell Tradition but also in the Cornell Connection, which finds permanent positions for graduates through an alumni network and which owes much of its success to the efforts of Cornell Council member Les Stern.

"We see it as well in the extraordinary level of private support that has come to Cornell over the past year. Total private support was \$72.8 million in 1983-84, exceeding the previous year's record by \$11.3 million. Gifts from alumni and friends increased by some 30 percent to \$47.1 million, while corporate giving reached a record high of \$14.3 million. And those figures do not include pledges such as the



Academic II, shown during construction last winter, will be opened progressively during this year.

\$50 million anonymous commitment to the Medical College made last December, which is already doing so much to strengthen our programs there.

### FACILITIES

"During the past year, too, we have completed some \$13 million in capital construction. We opened the DeFrees Hydraulics Laboratory adjoining Hollister Hall in June, and we dedicated Snee Hall, our marvelous new facility for the geological sciences, with a special symposium held earlier this month.

"Academic II, the state-funded building between Corson Mudd Hall and Teagle, will open progressively during the year and we hope to begin construction of Academic I, with a new and much improved design, by December 1985. When Comstock is vacated by its current occupants, we have planned to use a portion of it for the telephone switch of a new \$17.4 million telecommunications system — for voice and data in other forms — that we will be putting in place during the course of the year.

"We broke ground just last week — at long last — for our Performing Arts Center, and we have appointed David Feldshuh to the newly created position of Artistic Director of Theatre Cornell to help us prepare for the opening of the new facility, which we hope will be completed by late 1986. We have been tremendously encouraged by the enthusiasm for this project generated by two anonymous gifts, totaling \$4 million, that we received last November, but we still must raise an additional \$3 million before we have in hand the \$19.5 million needed for construction and endowment of the facility. We need your help in this.

"Our Biotechnology Institute, under the direction of Gordon Hammes, is now firmly established, thanks to the leadership and advocacy of Governor Cuomo, the encouragement and support of Walter Fallon at Kodak and Amory Houghton at Corning Glass, the corporate support of General Foods and Union Carbide, and the interest and concern of many others. We hope very shortly to be able to announce funding for a \$30 million biotechnology facility to be built on Lower Alumni Field.

"We still have many facilities needs ahead — for athletic and student housing, for improvements in the CESR colliding beam facility and for the Theory Center for which our Nobel Laureate Ken Wilson has been such an effective advocate.

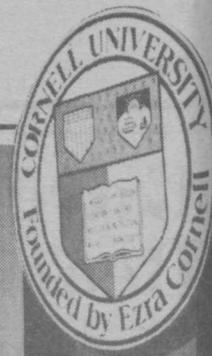
"There are also major needs in Engineering, the Law and Hotel Schools, the Colleges of Veterinary Medicine and Architecture, Art and Planning, and in other areas.

"Our facilities needs, like those at virtually every other university in the nation, are very great. John McTague, deputy director of the Office of Science and Technology Policy in the Executive Office of the President, remarked last week after a day on campus with our science and engineering directors, 'It is clear you have a number of unmet needs. After that fine introduction, I have decided to give the total Federal R & D expenditure of \$55 billion to Cornell.' A muffled voice in the audience responded, 'Not enough.'

### FINANCES

"Universities have not yet recovered from the high inflation, the deferred maintenance, and the economic stagnation that characterized much of the 1970s, and we still find ourselves working with budgets that are far from adequate.

"And despite Cornell's stable and essentially positive financial position we are, in a sense, poorer than we should be. Gift income and sponsored research, as I have already mentioned, increased substantially during the past year. We ended the fiscal year with balanced budgets in both our endowed division in Ithaca and the Medical College in New York City.



"But our endowment and similar funds decreased by \$41 million during the year to \$418 million, reflecting the decline in the stock market. Moreover, our endowment per student (excluding those in the statutory colleges) is still much lower than that of our peer institutions, being, for example, less than one-sixth that of Princeton, less than one-quarter that of Harvard, less than a third of Yale, and less than half of the University of Rochester. In the light of this, our continuing academic success is all the more remarkable, but it will continue to require creative frugality. I sometimes feel it also requires skill in the distribution of loaves and fishes.

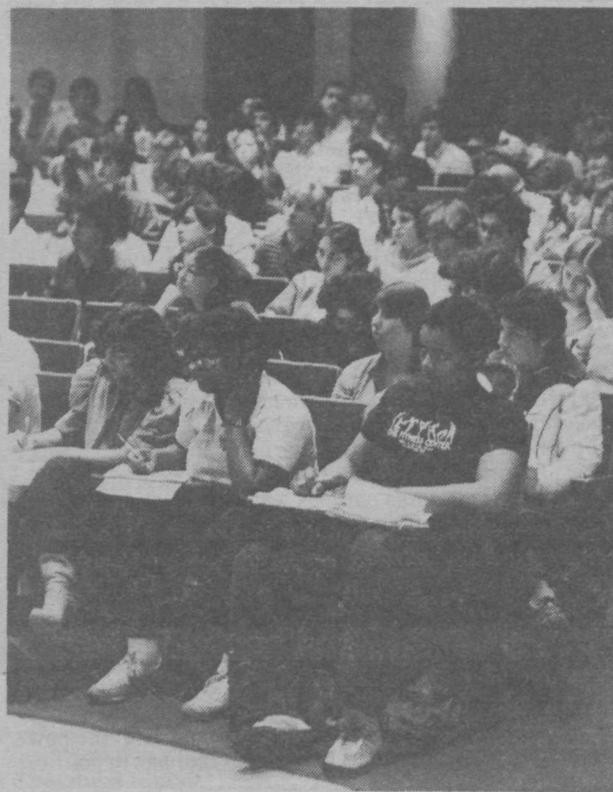
**IMPLICATIONS**

"But we should not use the past for support rather than illumination. This has implications for the future. It means we must continue to undertake new initiatives largely by substitution rather than by addition and that we must continue the careful long-range planning that will ensure both our intellectual vitality and fiscal stability. And that in turn will involve at least three major commitments over the next year or so.

"First, we must continue to strengthen and reinforce the research capacity of the university. I have already mentioned some of our needs for new research facilities, and they do not exhaust the list. We also must continue to improve our libraries and our computing systems, for these are the essential tools of research and scholarship in almost all our disciplines. Over the past year, we have made considerable progress, bringing, for example, personal computers to campus on a scale that few would have thought possible at the beginning of the year. But the revolution will continue, and we must stand ready not simply to respond but to lead the way.

"Second, we must deal with the urgent needs of our statutory colleges for financial support. We must convince those who represent us in Albany that our statutory colleges are an investment that has a priority for the state, and we must reach a better understanding with the State University of New York on the form of our relationship with them. These discussions are particularly timely this year because a blue-ribbon commission, under the chairmanship of Harold Enarson and Ralph Davidson, is currently considering the future of SUNY.

"Third, we must continue to rebuild four of our graduate/professional programs, and their needs are very different. We have made good progress in the Graduate School of Management and at the Medical College, bringing to those colleges new people, new resources, and more focused programs. At the College of Veterinary Medicine, a major need for new positions was met — but only partially — by funding we received during the year, but we have an urgent need for a new teaching hospital, whose funding will



undergraduate education among major comprehensive research universities. We should not be content simply to be in the vanguard; with creative commitment we can become the model for the rest of the fleet.

"Why should that goal have urgency at a university where we are often preoccupied with an annual budget now well over a half a billion dollars and where supercomputers, biotechnology, microelectronics, and other high-tech endeavors have claimed so much recent attention? Let me explain.

"I believe Cornell can occupy the flagship position because few other universities can claim the distinction and the diversity to which, through foresight and historical fortune, we are heirs. In addition to a distinguished College of Arts and Sciences, Cornell supports six other undergraduate colleges and schools — Agriculture and Life Sciences; Architecture, Art and Planning; Engineering; Hotel Administration; Human Ecology, and Industrial and Labor Relations — whose programs define the character and potentialities of these closing years of the 20th century. I know of no other university whose undergraduate programs relate so directly to the fundamental problems of hunger and nutrition, planning and design, engineering and environment, and human development and human relationships.

"And without first-hand knowledge of these important professional fields, without formal instruction and informal contact, day in, day out, with faculty and students engaged in these areas, the liberal arts standing alone, will be much less effective, isolated from the realities of the human condition and divorced from the urgency of societal need.

"Cornell is doubly blessed because few other institutions can match our quality and breadth with the deep commitment to undergraduate teaching that our most distinguished faculty, senior and junior, bring to their classrooms as they seek to present the fruits of their scholarship, exploring new combinations of subjects and pursuing the ethical and social

**"I want to challenge you and the faculty to nothing less than to move Cornell into the flagship position for undergraduate education among major comprehensive research universities."**

implications of professional practice. That kind of faithful teaching rarely makes headlines. It wins no Nobel Prizes or Guggenheim Fellowships. It is infrequently reflected in national rankings. It is rarely recognized by professional societies. But it is the most difficult, the most demanding, the most urgent component of undergraduate education.

"But if Cornell's professional undergraduate colleges offer our students educational opportunities of unparalleled richness, they also present hazards of unusual seriousness, for they can encourage premature concentration on vocational skills at the expense of personal judgment, maturity, and commitment.

"If Cornell is to become truly the flagship for undergraduate education, we must seek balance in all our undergraduate programs between the specialized and the general; between the sciences and the humanities; between liberal and professional education — and Cornell is especially vulnerable here.

"Let me stress that I am not arguing against professional education; I am arguing against narrow vocational training. The first is large and expansive, having the spirit of the liberal arts, setting skills as means within larger ends. It is concerned not with 'the job,' but with life and with the social goals the profession promotes and the ethical standards it demands.

"The second is narrow and restrictive, developing specific skills in preparation for routine tasks, sometimes very technical or specialized in nature. It involves knowledge for specific ends, raising no questions of larger significance; it is impervious to social context, oblivious to moral choice. A liberal outlook may be nurtured within the context of professional education. It soon withers in the presence of vocational training.

"We must seek to incorporate the liberal arts into our professional studies for at least six reasons. Let me tell you what they are.

"First, the liberal arts provide skills and encourage attitudes that are vital in any career. The ability to write and speak with clarity and grace; to understand times and cultures other than our own; to appreciate the sources not only of institutions but also of our beliefs and values; to apply them humanely in our daily lives, and to explore the human experience in all its richness and ambiguity: these are the aims of the liberal arts, and they are applicable not to a single vocation, but to the whole range of human endeavor, for as John Gardner has observed, their purpose is to shift to the individual the burden for pursuing his or her own education.

"Second, breadth of understanding and broadly applicable knowledge are important because we cannot predict with any certainty what specific skills will be needed to perform a specific job even a decade from now. Already many mid-career engineers, in what should be their most productive years, are finding their skills inadequate to deal with technological advance. And doctors, a decade after graduation, open themselves to malpractice suits if they continue to use some of the equipment and techniques considered state-of-the-art when they were in medical school.

"But it is not just within the confines of particular careers that obsolescence erodes skills. Whole careers are becoming obsolete. No narrow vocational training will prepare our students for that. Narrowly based relevance today guarantees irrelevance tomorrow. Life-long learning is not just a catchy slogan; it is a requirement for our national survival. But it has to be based on a broad and strong general foundation of undergraduate studies.

"Third, our economy is becoming internationalized to a degree that few would have thought possible a generation ago. In 1950, about 5 percent of our GNP was involved in international trade. In 1980, it was 17 percent and growing

**"...few other institutions can match our quality and breadth with the deep commitment to undergraduate teaching that our most distinguished faculty, senior and junior, bring to their classrooms..."**

rapidly. Over 70 percent of all our own products here in the American market now face foreign competition. Economically, no less than militarily or morally, we pursue narrow specialization and isolationism at our peril. Through the liberal arts we may hope to cultivate the skills and sensitivities that allow us to live and work successfully beyond our national boundaries.

"Fourth, science and technology, in a narrow sense, are amoral. But their application involves profoundly moral issues. Scientific specialization has substantially altered our view of life. Numbers have grown stronger, words weaker, and the division between the world of a scientist and that of the humanist has become a yawning chasm.

"But it is not for our personal satisfaction and peace of mind alone that educated men and women so desperately need an understanding enlarged and transformed by the humanities. The complexity of important issues — from nuclear power plants to the effects of toxic chemicals on the environment — demands that as many people as possible be able to separate the technical issues from the political and moral ones.

"If we continue to believe that in a democratic society that which touches all must be ratified by all, we must ensure that all citizens can participate in a rational discourse on technological issues, informed by the perspectives of both the scientist and the humanist. For from the scientist we learn what is possible, but from the humanist we learn what is acceptable, and so define the boundaries beyond which human dignity is imperiled. Social and ethical questions are intrinsic to science and technology, and scientists must share the public's concern about the possible consequences, both practical and moral, of what they do.

"There is a fifth reason why we must seek, in this decade

Continued on Page 6

**"Despite the success of the Cornell Tradition, we still project major unmet needs in the area of financial aid."**

be a major priority for us in Albany this year. In the Law School, major facility needs remain unmet, and we are currently working with Dean Martin to determine how best to secure funding for additional space.

"Fourth, despite the success of the Cornell Tradition we still project major unmet needs in the area of financial aid. The issue facing Cornell as well as society in general is how to finance the cost of an individual's higher education and at the same time maintain the high quality of programs required.

"There are still days, to be sure, when I feel Cornell somehow has become part of that middle-income, upper-outgo group, yet I firmly believe with careful planning, responsible fiscal management, bold academic and research initiatives, and a steadfast commitment to quality, we can meet most, if not all, these needs.

**BROADER CONTEXT**

"A Washington cab driver once explained the inscription on the National Archives building, which reads, 'What's past is prologue,' by saying, 'that's just bureaucrat talk for 'you ain't seen nothing yet.' So, too, at Cornell, the past is prologue, and our future — by a host of different measures — seems full of promise if we are prepared to shape it wisely.

"But where are we heading? To what common end are our many, often disparate efforts directed? Shortly after coming to Cornell in 1977, I set as Cornell's institutional mission: to serve society as a major research university of the first rank, and with the support and cooperation of campus groups and the Board of Trustees, we have been working since then toward 10 ambitious goals which undergird that mission.

"Today I want to talk with you specifically about just one of those goals — to provide diversified, distinctive and more difficult to interpret in practice than to state in principle. I want to challenge you and the faculty to nothing less than to move Cornell into the flagship position for



Continued from Page 5

of increased professionalism, to reassert the priority of the liberal arts, and it concerns the way in which great science, great art, and great literature — indeed all creative endeavors — are sustained. Science, in the narrow sense, is not self-sustaining.

"There is a common misconception that science is an orderly process, with each step occurring in sequence, building unflinchingly on what has gone before and leading incrementally to greater understanding. That is certainly part of it, and many scientists do spend their lives chipping away, bit by bit, at a small part of a particular problem.

"Yet the truly great discoveries, the great leaps in understanding, have often been guided, not by the systematic methods of this kind of scientific inquiry, but by the scientist's vision of beauty and art and sense of the mystical. As Einstein once observed, 'The most beautiful and profound emotion we can experience is the sensation of the mystical. It is the sower of all true science. He to whom this emotion is a stranger, who can no longer wonder and stand wrapt in awe, is as good as dead.'

"But such practical justifications of the liberal arts remind me of a cartoon by Michael Maslin that appeared in *The New Yorker* some years back. It shows a middle-class man, in a middle-class living room, watching a middle-class television set. On the screen is a large pot, and a voice

**"...the most important reason of all for the liberal arts: Life is empty without them."**

behind the pot says, 'How much would you pay for all the secrets of the universe? Wait, don't answer yet. You also get this six-quart covered combination spaghetti pot and clam steamer. Now how much would you pay?' And indeed, knowledge is still considered most valuable when it is linked to something directly useful.

"So let me suggest as my sixth point, the most important reason of all for the liberal arts: Life is empty without them. Attempts to justify liberal education solely on the basis of applicability to the world of work miss a more basic truth — that a job is not a career, only work and money. A career is

work that enlists our best efforts because we value the ends the work is intended to advance. We select our careers, but our careers shape us, determine much of what we do and what we are, satisfy or frustrate us. And it is here that the liberal arts gain new significance, for through them, we can learn to discriminate between the meritorious and the meretricious, to determine which endeavors are worthy of our best efforts and which are specious, and ultimately we can learn to know ourselves, socially and culturally as well as individually.

"And if they teach us to analyze, synthesize, and generalize — to do something — they also teach us ultimately how to be someone, particularly someone whose life has meaning to the extent that it is applied to large and noble purposes that transcend material wealth and personal gain.

"At Cornell where six of our seven undergraduate colleges are professional in emphasis, we have a particular need to reassert the priority of the liberal arts for all. I am pleased that over the past year or two, we have implemented several major programs of this kind that are beginning to touch the lives of undergraduates campus wide and that involve some of our best faculty in the examination of critical issues of the day.

"Our Common Learning Program, launched with a grant from the Mellon Foundation, allows juniors and seniors from all undergraduate units to apply knowledge from different disciplines to the analysis of contemporary topics. Among the issues examined so far are 'the conflict between science and religion'; 'human development in post-industrialized societies'; 'health and disease'; and 'the power of nationalism: expressions of national feelings in politics, music and literature'.

"Our Cornell-in-Washington Program has blossomed under the leadership of Professor Arch Dotson, and is running at full capacity with distinguished members of the faculty spending more and more time in the program's residential facility. Some 62 students from six schools and colleges are currently living, studying, and working in Washington, enlarging their on-campus learning with the unique educational opportunities available in the nation's capital.

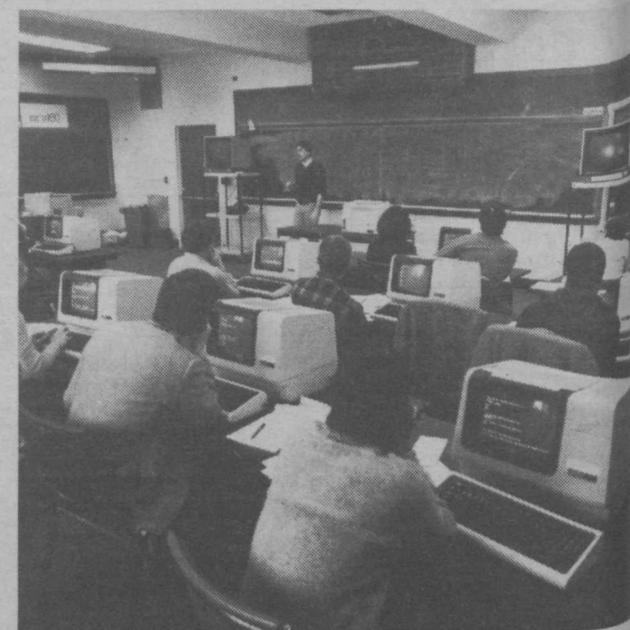
"Under the leadership of Professors Davydd Greenwood and Mary Katzenstein we have made a flying start toward encouraging more undergraduate study abroad, and we are continuing to expand opportunities under Professor Dotson's leadership this year. We already have in hand agreements with the London School of Economics and University College, London as well as less formal arrangements with Oxford, Cambridge, Bristol and Edinburgh. Programs are also under way in Spain and Germany, and we are working on agreements with institutions in Switzerland and China.

"In addition, on our own campus, we have established three residential living units called Language Houses, in which undergraduates speak one of three foreign languages with the help of native speakers.

"Under the leadership of Barry Adams, our new vice provost for undergraduate education, we shall be seeking ways to expand these opportunities, for the liberal arts are necessary to the education of all, whatever their intended vocation.

"They are necessary, but not sufficient, for there is an alarming gap between the pretensions of the liberal arts and their performance; between the professions of the liberal arts and their contribution. The role of the humanities is to explore experience in all its ambiguity and richness. And it is individual experience which is its raw material; it is individual experience from which the larger questions of morality and order, our whole vision of humanity, arise.

"It is precisely those questions that lie neglected by many professional scholars. And if the humanities fail to challenge our vision of life, if they fail to explore the ethical dimensions of our existence, if they fail to confront the



**"There is an alarming gap between the pretensions of the liberal arts and their performance; between the professions of the liberal arts and their contribution."**

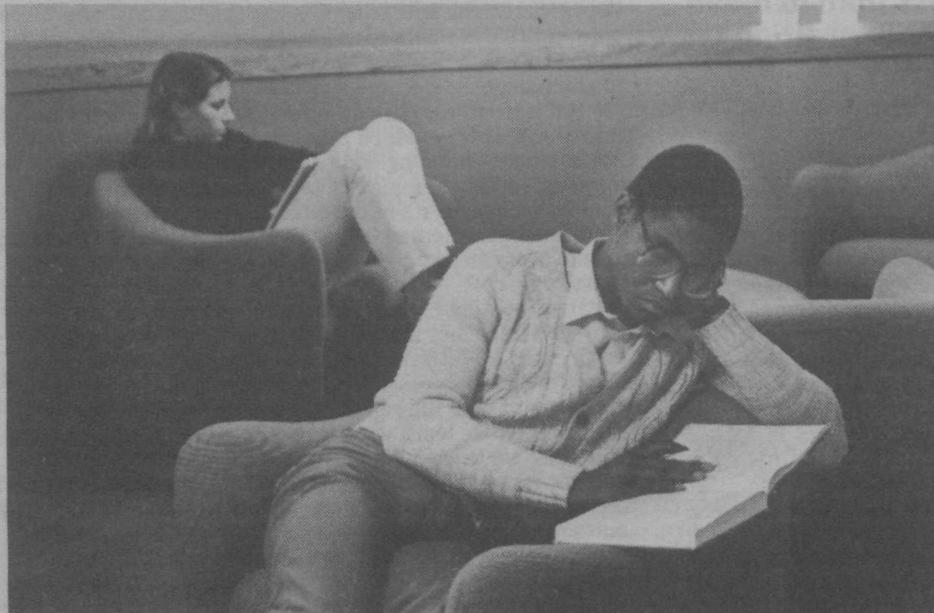
confusion, the discontent, the uncertainty, and all the glorious potential of our humanity — then they have failed us. For that is their goal: without such challenge, we become 'hollow men and women and moral nomads.'

"Ultimately, life, our life, is more than a process, more than an adaptational response, however perfect, more than molecular interaction, however subtle, for, as Agnes Arber once remarked, life is intelligible in physicochemical terms, but is not explicable in those terms. It is to ponder that elusive, larger whole that the liberal arts exist.

"What is needed is not just 'liberal arts' as an entry in the college catalogue. We need as well men and women, distinguished in their disciplines, devoted to their teaching, and committed in their living to the spirit of the liberal arts. It is from inspired teachers that we may gain hints on nobility and courage in the face of suffering and death; suggestions of what is required to act justly; glimpses of a larger reality; insights into the joy and despair of our condition; haunting snatches of half-remembered melodies that somehow promise to bring harmony to our discord.

"In speaking of Cornell, Morris Bishop once observed, 'There can be no great creation without a dream... Giant towers rest on a foundation of visionary purpose.' Our task is to choose that dream well, and work to transform it into reality; to unite our strong and growing research capacity with an enduring commitment to the highest ideals of liberal education, making their productive union part of the undergraduate experience of every Cornellian. And in carrying out that task, we need the ideas, support and encouragement of you, our trustees and council members.

"The task is a difficult one, but it is also urgent. For upon the fruitful exploration of those important, at times, anti-theoretical, areas of human inquiry there depend not only our personal well-being; not only our national economic strength and security; not only the health of our democracy; but also the creativity and the humanity upon which the future of our species and the well-being of our planet depend."



# Prof. Mitchell Feigenbaum Receives MacArthur Foundation 'Genius Award'

Professor of Physics Mitchell J. Feigenbaum is the sixth Cornell affiliated "exceptionally talented individual" to receive an unsolicited award from the John D. and Catherine T. MacArthur Foundation of Chicago in the past three years.

"He is an absolute natural ... a free wheeling intellect ... an extraordinarily hard worker ... perfect for the award," Donald F. Holcomb, chairman of the department of physics, said Tuesday morning upon learning of the award to Feigenbaum.

The 39-year-old professor is on leave this semester working at both the Institute of Advanced Study in Princeton and Rockefeller University in New York City.

An extensive article on Feigenbaum and his contributions to "solving the mathematical riddle of chaos," appeared in the "New York Times Magazine," last spring. The article stated that he "has become a midwife for a new scientific discipline that is exploring turbulence and disorder of a kind that a decade ago seemed impenetrable."

As a result of his work, physicists are able to make better predictions of measurable properties such as the velocity and temperature fluctuations in real fluids and to understand these universal predictions.

Since May of 1981 the MacArthur Foundation has committed nearly \$43 million to 141 individuals to "do nothing but follow their own creative bent."

The foundation announced late Monday that Feigenbaum was one of 25 new MacArthur Fellows to receive awards of up to \$300,000 each, over the next five years,



MITCHELL FEIGENBAUM

"with no strings attached."

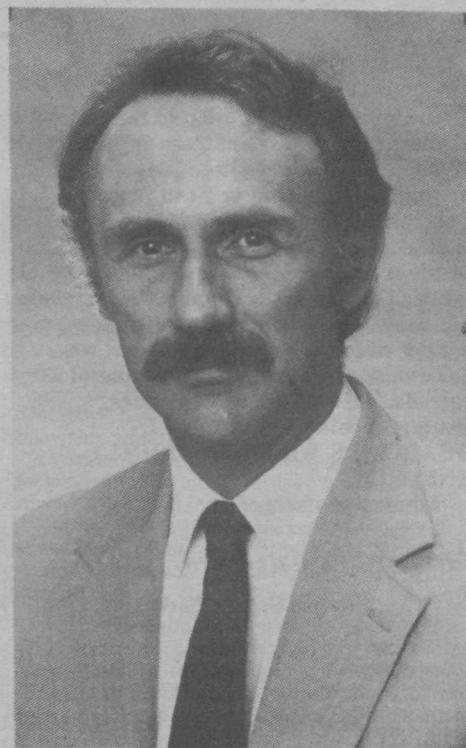
According to the foundation, "each Fellow receives a payment ranging from \$128,000 to \$300,000 over the next five years, depending on his or her age. Payments are greater by \$800 per year for each year of additional age. They range from \$24,000 per year for someone 21 years old or younger to \$60,000 per year for someone 60 years old or older. Recipients also receive a comprehensive health insurance plan. In addition, \$15,000 may be paid annually as an unrestricted grant to a university or other eligible institution at which a MacArthur Fellow works."

Cornell professor of English and poet Archie Ammons was among the first 14 to receive the now popularly known "genius awards" when they were first announced in 1981.

Since then three holders of doctoral degrees from Cornell have received MacArthur awards: John J. Hopfield, physics '58, David Nelson, physics '75, and George W. Archibald, agriculture '77. Novelist William Kennedy received a MacArthur award in January of 1983 while he was a writer-in-residence at Cornell.

Feigenbaum earned the Ph.D. in physics from Massachusetts Institute of Technology (1970) and joined the Cornell Department of Physics as a research associate and instructor the same year. From 1972 to 1974 he was a research associate at Virginia Polytechnic Institute; he then joined the staff of Los Alamos National Laboratory. Feigenbaum was a Fellow at the Institute for Advanced Studies in 1978 and in 1981 was named a Fellow in the Theoretical Division of Los Alamos National Laboratory, a position he still holds. He was appointed professor of physics at Cornell in 1982.

He was among five American scientists to receive the 1982 Ernest Orlando Lawrence Memorial Award for outstanding contributions in the field of atomic energy. The award, which includes a gold medal, a citation, and \$5,000, is given by the U.S. Department of Energy to U.S. citizens who are early in their careers and who have made recent meritorious contributions to the development, use, or control of atomic energy.



HAROLD D. CRAFT JR.

## Craft Is Named Acting V.P. For Facilities

Harold D. Craft Jr. has been named acting vice president for facilities and business operations here for a period of up to one year, beginning Nov. 1.

He will assume the duties of Robert M. Matyas who will be on leave working with the management team preparing the initial designs for the U.S. Department of Energy's proposed Superconducting Super-Collider.

It will be the largest and most expensive scientific instrument in history, a 20-trillion-electron-volt (TeV) accelerator for the study of sub-atomic particles.

Matyas, who played a key supervisory role in the construction of Cornell's 12 BEV synchrotron in the 1960s, joined the university's central administration in 1968 as an assistant vice president and was named to his current position in 1974.

Craft's appointment was made last weekend by the Cornell Board of Trustees upon the recommendation of President Frank Rhodes.

Craft has been director of telecommunications at Cornell since 1982. He also served one year as acting director of the National Astronomy and Ionosphere Center, operated by Cornell University in Arecibo, Puerto Rico. He was director of observatory operations there from 1973 to 1981.

Craft holds a bachelor of electrical engineering degree from Cornell (1961), a master of electrical engineering from New York University (1963), and a Ph.D. in radio astronomy, astrophysics, and communications theory from Cornell (1970).

As a member of the technical staff of Bell Telephone Laboratories from 1961 to 1965, he specialized in systems engineering and design of long-haul communications systems as well as related radio propagation studies.

While serving as a research assistant at Cornell from 1965 to 1969, Craft was responsible for some of the first radio astronomical observations of pulsars and performed many of the early observational studies leading to the present understanding of pulsars. He was a member of the technical staff at COMSAT Laboratories from 1969 to 1971.

Craft rejoined the Cornell staff in 1971 as technical coordinator for the National Astronomy and Ionosphere Center; in 1973, he became director of observatory operations at Arecibo.

## Campus Safety Program to Involve Tickets To Motorists, Bicyclists and Pedestrians

Leaflets, posters and university traffic summonses will appear on campus during the coming months to educate the community and to help enforce New York state pedestrian, motorist, and bicyclist laws on the Cornell campus, according to Capt. Daniel N. Murphy, deputy director of Public Safety.

A bicyclist who rides on the sidewalk, a pedestrian who does not stay within the crosswalk or walks against a traffic signal, and a motorist who does not yield to a person in a crosswalk each may receive a summons from a Cornell University safety officer, said Murphy. Warning tickets will be issued during the initial period of en-

forcement, followed by summonses which carry a \$10 fine.

There are approximately 25,000 people on the central campus daily, said Murphy, and each one of them walks, rides a bike, or drives a car at several times during the day. Due to the heavy foot traffic, especially between classes, East Avenue between University Avenue and Campus Road and Thurston Avenue in the vicinity of Balch Hall and the Pancake House are areas of particular concern.

"We are very concerned with the safety of the most vulnerable people, the pedestrians," said Murphy. There have been several incidents of bicycle/pedestrian and

bicycle/vehicle collisions this year, he said.

"I hope the education program makes the need for summonses rare," said Murphy. "I encourage people who observe violations or who are involved in near mishaps to bring the incident/to our attention."

A number of people have expressed concern for pedestrian and bicyclist safety to the Department of Public Safety and the Office of Transportation Services. A Pedestrian Safety Committee was formed by the Committee on Transportation Services in the spring of 1984.

The committee issued a number of recommendations, including improved striping of crosswalks, the installation of pedestrian warning signs on central campus, and the issuance of tickets for infractions of NYS law. Crosswalks have been painted with bold stripes and signs showing a character walking have been installed in many locations. Other changes recommended by the committee were written into the "Parking and Traffic Rules and Regulations: 1984-85."

In summary, the rules and regulations say that all travelers (whether on foot, bicycle, or in a car) are responsible for being knowledgeable about the NYS Vehicle and Traffic Law. The general fine for pedestrian, motorist and bicyclist violations and infractions is \$10; however other sanctions or remedies may be imposed as appropriate. Routine tickets will be referred to the Traffic Bureau; where endangerment to others (or self) has occurred, the violator will be referred to the Office of the Judicial Administrator. Depending on the location of the incident and degree of severity, violators may be referred to a local municipal court.

Posters will be placed around campus advising people to watch for turning cars and that one-third of traffic fatalities are pedestrians and bicyclists. Subsequent articles will appear in the Chronicle.



Marion and Aaron Binenkorb, center, are flanked by Provost Emeritus W. Keith Kennedy, left, and Dean John J. Clark Jr. of the School of Hotel Administration at the dedication last Friday of the Binenkorb Video and Computer Center. A \$200,000 gift from the Binenkorbs helped finance the six-room complex on the third floor of Statler Hall. In addition, the Binenkorbs donated some 70 film segments of their world-wide travels, dating back to 1950 and including 45 different ports of call. Mr. Binenkorb is a 1925 graduate of Cornell.

# Calendar

All items for publication in the Calendar sections, except for Seminar notices, must be submitted (typewritten, double spaced) by mail or in person to Fran Appar, Central Reservations, 531 Willard Straight Hall at least 10 days prior to publication. Seminar notices should go to the Chronicle office, 110 Day Hall. Items should include the name and telephone number of a person who can be called if there are questions, and also the subheading of the calendar in which it should appear (lectures, colloquia, etc.) ALL DEADLINES WILL BE STRICTLY ENFORCED.

\*—Admission charged.

## Announcements

### Personal Growth Workshops

Short-term, small skills building and support workshops, free and confidential. Workshops are offered by Dean of Students Office. To sign up or for more information, call 256-3608 or stop by 103 Barnes Hall. Open to all in the Cornell Community.

### Shabbat Dinner

Hillel/Student Struggle for Oppressed Jewry are cosponsoring a Shabbat Dinner in the One World Room, Anabel Taylor Hall, on Friday, Oct. 26 at 6:30PM. Reservations must be arranged and paid for in the Hillel Office, G-34 Anabel Taylor Hall by no later than the day before. Affiliates: \$4.00; Non-Affiliates: \$6.00.

### Hebrew Choir

Makhela (the Hebrew Choir) meets on Sundays at 9PM in the Edwards Room, Anabel Taylor Hall.

### Jewish Food Discussion

Rabbi Larry Edwards will lead the second part of a fourpart discussion on "Gastronomica Judaica: Jewish Food, Or You Are What You Eat" on Monday, Oct. 29 at 8PM in the Hillel Office, G-34, Anabel Taylor Hall.

### Oppressed Jewry

The Student Struggle for Oppressed Jewry will meet on Thursday, Oct. 25 at 7PM in G-34 Anabel Taylor Hall.

### Nuclear Weapons

ON THE PATH TO WAR: THE HIDDEN ROLE OF NUCLEAR WEAPONS IN SUPER-POWER FOREIGN POLICY. Statler Auditorium, October 28, 8PM. The speakers will be Michael Klare of the Institute for Policy Studies, Ned Lebow of Cornell's Peace Studies Program, and Dorothy Cotton, Director of Student Activities at Cornell.

### Olin Library Seminar

A seminar on using Olin Library for research is being offered by the Reference Department from 10AM to 12 noon, Wednesday, Oct. 31 in Room 214, Olin. Information will be provided on subject search strategies, COMPASS (Computer Assisted Search Service), RLIN (Research Libraries Information Network), Olin's union card catalogs and Interlibrary Services. To register, stop by the Reference Desk or call 256-3319.

### Writing Workshop

Free tutorial instruction in writing. Monday through Thursday, 3:30 - 6PM and 7:30 - 10PM; Sundays 3 - 8PM in 174 Rockefeller Hall.

### Amnesty International

The Cornell Chapter of Amnesty International invites the Cornell Community to stop by AI's information table in Willard Straight Hall each Friday from 10AM to 2PM. Learn how you may help prisoners of conscience all over the world.

### Intramural Swimming

Deadline for entries for men and women is Wednesday, Oct. 31 at 4PM in the Intramural Office, Helen Newman Hall. Trial Heats are Monday, November 5 at 5PM in the Teagle Pool. Finals are Wednesday, November 7 at 5PM in the Teagle Pool. Each team may enter no more than 2 individuals in any individual event. Each individual may enter up to 3 events but no more than 2 of these may be individual events. Ex: 2 individual events, 2 individual events and 1 relay or 1 individual event and 2 relays. Each team may enter no more than 1 team in each relay.

### Cornell Folkdancers Party

The Cornell Folkdancers is holding a get-acquainted party on Friday, November 2 in the lounge of Upson Hall to meet Bora Ozkok and H. Tekbilek, Turkish musicians. For information call 257-3156.

### EARS Counseling Service

EARS, We Hear You. Just want to talk? That's what EARS counselors are there for! They are trained listeners and are waiting to lend a free and confidential "ear" to listen to your feelings, help you explore your situation and discover options. EARS counselors provide non-judgmental, short-term counseling and have access

to a wealth of information about other services at Cornell, if appropriate. Walk in to WSH Room 211 or call 256-EARS. Sunday - Thursday, 3-11PM; Friday & Saturday, 7-11PM.

### Women's Studies OPEN HOUSE

The Cornell University Women's Studies Program invites you to an Open House in room 398 Uris Hall from 4-6PM, Thursday November 1. Come learn about the program, talk to professors, and enjoy refreshments.

### Meet The Travelers - Statler Faculty Club

Meet The Travelers will present Professor Eldon (Bud) Kenworthy, Associate Professor of Government talking about "A Look At Daily Life In Nicaragua" on Tuesday, November 13th at 7:30PM in the Statler Inn Main Lounge. The talk will be accompanied with slides.

### Whistling Shrimp Improvisations

Whistling Shrimp, original and improvisational theater for Cornell University will present "Whistling Shrimp Improvisations," an evening of humorous sketches, impromptu scenes and audience-related improvisation techniques. Performances run Oct. 25, 26, 27 and Nov. 1, 2, 3 beginning at 8:30 p.m. in the Commons Coffee House at Anabel Taylor Hall. Admission is \$1 at the door, seating is limited, and seats cannot be reserved. Early arrival is recommended.

### Figure Skaters Draw 200

More than 200 skaters turned out for the Open House of the Cornell Figure Skating Club of Ithaca, held Sunday at Lynah Rink.

There is still time to register for the club's lesson program, which runs from Sunday, Oct. 28 through mid March. Group lessons are a half-hour long and are held on Sunday evenings between 6:30 and 7:30 p.m. Call Gail Kramer for more information (272-8158, evenings).

The club also meets on Thursday nights and Sunday mornings and offers sessions in patch, freestyle, and dance. Skaters of all ages and skill levels are welcome. For more information, call 272-5936 (eves); 272-8158; 273-6181 (days).

## Dance

### Israeli Folk Dancing

Every Thursday, Anabel Taylor Hall, One World Room at 8PM there will be Israeli Folk Dancing from 8-9PM, teaching; 9-11PM, requests.

### Cornell Folkdancers

The Cornell Folkdancers teach folkdancing from 7:30 to 9PM, Wednesdays in the lounge of Upson Hall and Sundays in the North Room of Willard Straight Hall, Cornell University. Request dancing until 10:30PM. Free. Beginners welcome; no partners needed; information at 257-3156.

## Exhibits

### Olin Library

Samuel Johnson, Commemorating the 200th Anniversary of His Death. First editions of the "Dictionary", "Rasselas", and the "Vanity of Human Wishes." Hours are 10AM - 5PM, Monday through Friday through December 31, 1984.

### Herbert F. Johnson Museum

"John B. Brady, 1953-83, Prints and Drawings," through Oct. 28. "Cornell University Art Department Faculty Exhibition" through Oct. 28. "Contemporary Chinese Painting: An Exhibition from the People's Republic of China" through Oct. 28.

## Films

Unless otherwise noted films are under sponsorship of Cornell Cinema.

### Thursday

Oct. 25, 12:20PM 32 Warren Hall. Rural Sociology 104. "Miao Year" (Thailand).

Oct. 25, 7PM Anabel Taylor Hall, Edwards Room. "Falasha: The Agony of the Ethiopian Jew". (Documentary directed by Simcha Jacobovici.) Sponsored by the Student Struggle for Oppressed Jewry.

Oct. 25, 8PM \*Uris Auditorium. "American Pictures" (1978-83), directed by Jacob Holdt. Open. The filmmaker will be present.

### Friday

Oct. 26, 4PM Anabel Taylor Hall, Founders Room. "Falasha: The Agony of the Ethiopian Jew".

Oct. 26, 10PM \*Uris Auditorium. "And The Ship Sails On" (1983), directed by Federico Fellini, with Freddie Jones, Barbara Jefford. Limited.

### Friday & Saturday

Oct. 26 & 27, 7PM \*Statler Auditorium. "The Wizard of Oz" (1939), directed by Victor Fleming, with Judy Garland, Ray Bolger, Frank Morgan. Limited.

Oct. 26 & 27, 9:30PM \*Statler Auditorium. "The Big Chill" (1984), directed by Lawrence Kasdan, with Kevin Kline, William Hurt, Glenn Close. Limited.

Oct. 26 & 27, Midnight \*Statler Auditorium. "Urgh! A Music War" (1981), directed by Derek Burbidge, with the Police, Joan Jett, Go Go's.

### Saturday

Oct. 27, 7:30PM & 10:15PM \*Uris Auditorium. "And The Ship Sails On".

### Sunday

Oct. 28, 2PM \*Uris Auditorium. "Lassie Come Home" (1943), directed by Fred Taylor, with Roddy McDowell, Elizabeth Taylor. Open. Admission \$1.50; children under 12, \$1.00. Cosponsored by Ithaca Youth Bureau.

Oct. 28, 8PM \*Uris Auditorium. "Making Dances" (1980) directed by Christian Blackwood, with Trisha Brown, Meredith Monk and others. Open. Shown with "Barrings" directed by Meredith Monk. (one short).

### Monday

Oct. 29, 9PM \*Uris Auditorium. "Daughter of Deceit" (1951), directed by Luis Bunuel, with Fernando Soler, Alicia Caro. Film Club members only.

### Tuesday

Oct. 30, 4:30PM Room 230, Rockefeller D. "The Third China". Reasoner and Wallace on the political, economic, and cultural life of the Chinese peoples of Southeast Asia. "International City: Singapore". Panoramic view of the founding of the British Empire in the Far East and its demise.

Oct. 30, 8PM \*Uris Auditorium. "Heat and Dust" (1983), directed by James Ivory, with Julie Christie, Shashi Kapoor, Greta Scacchi. Limited.

### Wednesday

Oct. 31, 8PM \*Uris Auditorium. "Seventeen" (1982), directed by Joel DeMott & Jeff Kreines. Documentary. Open. The filmmakers will be present.

### Thursday

Nov. 1, 12:20PM 32 Warren Hall. Rural Sociology 104. "Ujamaa Villages" (Tanzania) and "Brighter Dawn" (Malaysia).

Nov. 1, 5PM \*Uris Auditorium. "Dress Rehearsal" (1980), directed by Werner Schroeter with Pina Bausch and Kipper Kids. Open. Free. Cosponsored by German Literature.

### Friday

Nov. 2, 8PM \*Statler Auditorium. "Barry Lyndon" (1976), directed by Stanley Kubrick with Ryan O'Neal and Marisa Berenson. Limited.

Nov. 2, 10PM \*Uris Auditorium. "Rope" (1948), directed by Alfred Hitchcock, with James Stewart and Farley Granger. Limited.

Nov. 2, Midnight \*Statler Auditorium. "Batman" (1967) directed by Leslie Martinson with Adam West and Burt Ward. Limited.

### Saturday

Nov. 3, 8PM \*Anabel Taylor Hall. "My Night at Maude's" (1970), directed by Eric Rohmer, with Jean Davis Trintignant and Francoise Fabian. Open. Admission \$1.50.

Nov. 3, 8PM \*Uris Auditorium. "Rope".

Nov. 3, 10PM \*Uris Auditorium. "Rope".

### Sunday

Nov. 4, 2PM \*Uris Auditorium. "The Magic Flute" (1975), directed by Ingmar Bergman. Cosponsored by the Ithaca Youth Bureau. Admission \$1.50; Children under 12, \$1.00. Open.

Nov. 4, 8PM \*Uris Auditorium. "The Shooting" (1967), directed by Monte Hellman with Jack Nicholson and Will Perkins. Shown with "Ride In The Whirlwind" (1967), directed by Monte Hellman with Jack Nicholson. Open.

## Lectures

### Thursday

Oct. 25, 4:30PM Hollis E. Cornell Auditorium, Goldwin Smith Hall. "Taking Control of Evolution: Genetic manipulation and its consequences for various species, including man" by Harold W. Woolhouse, Director, John Innes Institute, and Prof. of Biology, University of East Anglia, England, and A.D. White Professor-at-Large.

Oct. 25, 4:30PM 203 Barnes Hall. Women in Health Careers: "Women in Medical School" by two Cornell University Medical College students.

Oct. 25, 7:30PM 202 Uris Hall. Women's Studies Program is sponsoring a lecture by ANDREA LOWENSTEIN - A Reading by feminist author of "This Place", a new novel about women in prison.

### Friday

Oct. 26, 4:30PM 165 McGraw Hall. University Lectures Committee is sponsoring a lecture by Dr. Erik Hallager, Field Director of the Greek-Swedish Excavations at Khania, Crete. "Late Minoan Crete in the Light of the Excavations at Khania".

Oct. 26, 4:30PM Kaufmann Auditorium. Society for the Humanities lecture by Neil Hertz, Humanities Center, Johns Hopkins University,

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"How Things Get Moving: Descartes and Dr. Johnson".

Oct. 26, 8PM Anabel Taylor Hall, One World Room. "Ethiopian Jewry Today" by Lisa Freund, American Association for Ethiopian Jews. Sponsored by Hillel.

### Saturday

Oct. 27, 10AM A.D. White House. Society for the Humanities, sponsors a seminar by Neil Herte, Humanities Center, Johns Hopkins University. "Structures of Reading".

### Monday

Oct. 29, 8PM 115 Tjaden Hall. Society for the Humanities is sponsoring a lecture by Richard Beecher, Division of Architecture, University of Virginia; Fellow, Society for the Humanities. "Placing the Dead: Burial Sites in Early Boston and Beyond".

### Tuesday

Oct. 30, 7:30PM Anabel Taylor Hall, One World Room. "Civil Liberties" with Jeremy A. Rabkin, Assistant Professor of Government and Richard Polenberg, Professor of American History. Sponsored by the Eco-Justice Council.

### Wednesday

Oct. 30, 7:30PM Anabel Taylor Hall, One World Room. America and World Community. "How To Avoid Nuclear War" by Victor Weisskopf, Professor of Physics, M.I.T.

### Thursday

Nov. 1, 12:20PM 102 West Avenue. Southeast Asia Program presents Carl Trocki, Professor of History, Thomas More College, "Opium Revenue Farms in 19th Century Singapore".

Nov. 1, 7:30PM G-1 Stimson Hall. The Natural History Society (JORDANI) presents Rachel Levin - "Avian Duets: Defense, Duel, or Dowry?".

### Thursday

Oct. 25, 4:30PM 230 Rockefeller. China-Japan Program: "Monkey's Journey to the West: The Functions of a Traditional Theme in Contemporary Chinese Politics - A Literary Analysis with Slides", Rudolf Wagner, Visiting Scholar, Berkeley's Center for Chinese Studies.

## Music

### Scottish Folk Band to Perform

Ossian, a band whose repertoire includes jigs, reels, marches, and slow airs, will bring its traditional Scottish music to Cornell's Anabel Taylor Auditorium at 8 p.m. this Saturday.

When they made their debut in the United States last year, Ossian's concerts were sold out in Boston, Dallas, and Anchorage, among other cities. The group has been voted the most popular folk group in the BBC Radio Solent listening area.

Ossian combines English and Gaelic in its lyrics and employs a variety of instruments including the Celtic harp, cello, bagpipes, flute, mandala, and cittern.

Tickets for the concert, sponsored by The Cornell Folk Song Club, are \$5 each and can be bought at the Commons Coffeehouse, Borealis Books, and the Ithaca Guitar Works.

### Friday

Oct. 26, 5:30PM \*Barnes Hall Auditorium. The Cornell Jazz Ensemble, under the direction of Mr. Albert Hamme, will present its annual Fall Concert. Tickets are \$2.00 at Willard Straight Hall or at the door.

### Saturday

Oct. 27, 8:15PM \*Sage Chapel. Cornell University Glee Club conducted by Thomas A. Sokol will present a Homecoming Concert.

## Religious Services

### Friday

Oct. 26, 5:30PM Anabel Taylor Chapel. Shabbat Services, Reform Minyan.

Oct. 26, 5:30PM Anabel Taylor Hall, Founders Room. Shabbat Services, Conservative/Equalitarian Minyan.

Oct. 26, 5:30PM Shabbat Services, Orthodox Minyan. For information call 272-5810.

### Saturday

Oct. 27, 9:15AM Anabel Taylor Hall, Edwards Room. Shabbat Services, Orthodox Minyan.

Oct. 27, 10AM Anabel Taylor Hall, Founders Room. Shabbat Services, Conservative/Equalitarian Minyan.

### Sunday

Oct. 28, 11AM Sage Chapel. Speaker: John Vannorsdall, Chaplain, Yale University.

### Sunday

Nov. 4, 11AM Sage Chapel. Speaker: Glenn C. Altschuler, Assistant Dean, College of Arts & Sciences, Cornell.

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## Seminars

In order to appear in the seminars column in Chronicle on Thursday, written information must be delivered to "Seminars, 110 Day Hall," before noon on the Friday before publication. Include the name and telephone number of someone who can be called if more information is needed.

**Agricultural Engineering:** "Small Business Energy Efficiency Program," Bruce John, 12:20 p.m. Monday, Oct. 29, 400 Riley-Robb.

**Animal Science:** "Extension in Animal Science," Prof. Harry Ainslie, 11:15 a.m. Monday, Oct. 29, 348 Morrison.

**Applied Mathematics:** "Allocation of Joint Costs Among Factors of Unequal Importance," Prof. Lloyd S. Shapley, UCLA, 4 p.m. Friday, Oct. 26, 165 Olin Hall.

**Applied Mathematics:** (The Bill Sears Club) "Natural Convection in Porous Media in Three Dimensions: A Tractable Nonlinear Evolution Equation?" Asst. Prof. Paul H. Steen, Chemical Engineering, 2:30 p.m. Friday, Oct. 26.

**Astronomy:** "Astronomical Explanations for Mass Extinction on Earth," Piet Hut, Princeton Institute of Advanced Studies, 1:30 p.m. Thursday, Oct. 25, 105 Space Sciences.

**Biochemistry, Molecular and Cell Biology:** "Site Specific Recombination of Yeast 2u DNA in Vitro," Dr. Paul Sadowski, Department of Medical Genetics, University of Toronto, 4:30 p.m. Friday, Oct. 26, 204 Stocking.

**Biochemistry, Molecular and Cell Biology:** "DNA Replication in Mouse Cells," Roger Calza, Cornell, 12:20 p.m. Monday, Oct. 29, 125 Riley Robb.

**Biophysics:** "Molecular Solvation Forces," Dr. V. Adrian Parsegian, Physical Sciences Laboratory, Computer Research and Technology, National Institutes of Health, 4:30 p.m. Wednesday, Oct. 31, 700 Clark Hall.

**Boyce Thompson Institute:** "Origins of the C4 Mechanism in Plants," Dr. H. W. Woolhouse, John Innes Institute, Norwich, U.K., 3:15 p.m. Wednesday, Oct. 31, BTI Auditorium.

**Center for Applied Mathematics:** "Sensitivity Analysis," Herschel Rabitz, professor of Chemistry, Princeton, "What Is Important in the Modeling of Reactive Flows," Monday and Wednesday, Oct. 29 and 31, 4:30 p.m., 135 Baker, and "Applications to Chemical Dynamics," 4:30 p.m. Thursday, Nov. 1, 119 Baker.

**Chemical Engineering:** "The Boycott Effect," Prof. Andreas Acrivos, Chemical Engineering, Stanford, 4:15 p.m. Thursday, Nov. 1, Olin 105(A).

**Chemistry:** "Structural and Biosynthetic Studies on Secondary Metabolites of Some Sponges," Prof. Paul J. Scheuer, 3:30 p.m. Friday, Oct. 26, 458 Baker.

**Chemistry:** "New Developments in Organic Superconductors," Jack Williams, Argonne National Lab, 11:15 a.m. Friday, Oct. 26, Faculty Lounge-125 Baker Lab.

**CISER:** "Applications and Limitations of Microcomputers for Social Scientists," panel discussion by Bruce Brower, Rural Sociology; Jay Hilfiger, CCS; Betsy Keokosky, CCS; Agelia Velleman, CCS; William Trochim, Human Service Studies; Joe Francis, Rural Sociology, moderator, 12:30 p.m. Wednesday, Oct. 31, N225 Martha Van Rensselaer.

**Communication:** "Viewer Selectivity and the Television News Audience," Dr. Daniel G. McDonald, Communication Arts, 2:30 p.m. Friday, Oct. 26, CA Grad Center, 640 Stewart Ave.

**Design and Environmental Analysis:** "The Influence of Textile Technology on Functional Design of Clothing," Prof. Susan Watkins, 4:30 p.m. Tuesday, Oct. 30, 317 Martha Van Rensselaer.

**Ecology and Systematics:** "Preliminary Thoughts on the Differential Persistence of Taxa Through Time," Brian McNab, Department of Zoology, University of Florida, Gainesville, at 4:30 p.m. Wednesday, Oct. 31, in Morison Seminar Room of Corson Hall.

**Environmental Research:** "Practicing Law in an Environmental Law Firm," Edward Selig, partner in DiCara, Selig and Holt, Boston, 8 p.m. Thursday, Nov. 1, 110 Hollister.

**Facilities Planning and Management:** "Corporate Project Management at GTE," Ray Jodoin, manager of design and construction, GTE, Woburn, Mass., 4:30 p.m. Monday, Oct. 29, 317 Martha Van Rensselaer.

**Floriculture and Ornamental Horticulture:** "Carbohydrate Physiology and Nursery Management," Michael A. Boersig, graduate student, 12:15 p.m. Thursday, Nov. 1, 37 Plant Science.

**Food Science:** "The Use of Isolated Hepatocytes in Metabolic Studies of N-nitrosamines," Pat Bauman, graduate student, Environmental Toxicology, 4:30 p.m. Tuesday, Oct. 23, 204 Stocking.

**General Chemistry:** "Sensitivity Analysis: Applications to Chemical Dynamics," Prof. Herschel A. Rabitz, Chemistry, Princeton, 4:40 p.m. Thursday, Nov. 1, 119 Baker.

**Geological Sciences:** "Geology 20-20," Prof. Jack Oliver, Cornell, 4:30 p.m. Thursday, Oct. 25, 120 Snee Hall.

**Interdisciplinary Research:** "Farming Systems Research in the Philippines," Randy Barker, Ag Econ/Asian Studies, coordinator, 12:15 p.m. Thursday, Nov. 1, 401 Warren Hall.

**Jugatae:** "Gregariousness, Leaf Age and Predation in the Feeding Ecology of the Moth *Amphalocera Munroei*," Hans Damman, Cornell, 4 p.m. Monday, Oct. 29, 100 Caldwell Hall.

**Materials Science and Engineering:** "Displacement Cascade Effects in Metals & Semiconductors," Dr. R. Averback, Argonne National Lab, 4:30 p.m. Thursday, Nov. 1, 140 Bard Hall.

**Mechanical and Aerospace Engineering:** "Oxides and Squamous Cells," Prof. Kenneth C. Ludema, University of Michigan, 4:30 p.m. Tuesday, Oct. 30, 282 Grumman Hall.

**Microbiology:** "A Transposon in *Streptococcus faecalis* with Fertility Properties," Dr. Mary Cynthia Gawron-Burke, University of Michigan, 4:30 p.m. Tuesday, Oct. 30, 124 Stocking Hall.

**Natural Resources:** "Forestry Policy Issues Attending the Use of Wood for Fuel," Prof. David J. Allee, Agricultural Economics, 4 p.m. Thursday, Oct. 25, 304 Fernow Hall.

**Operations Research:** "Efficient Algorithms for Maximum Likelihood Estimation of Probabilistic Choice Models," Prof. David S. Bunch, University of California-Davis, 4:30 p.m. Thursday, Oct. 25, 140 Bard Hall.

**Operations Research:** "Probabilistic Analysis of Algorithms," Prof. Alexander H. G. Rinnooy Kan, Erasmus University, 1:15 p.m. Monday, Oct. 29, 357 Upson Hall.

**Operations Research:** "Estimation of the Survival Function with Doubly Censored Data," Prof. Grace L. Yang, University of Maryland, 4:30 p.m. Tuesday, Oct. 30, 107 Upson Hall.

**Pharmacology:** "Receptor-Mediated Phosphoinositide Metabolism and the Regulation of Hepatocyte Calcium Fluxes," Ronald Cooper, University of Pennsylvania, 4:30 p.m. Monday, Oct. 29, D-105 Schurman Hall.

**Physiology:** "Development and Differentiation of the Small Intestinal Epithelium," Dr. Andrea Quaroni, Veterinary Physiology, Cornell, 4:30 p.m. Tuesday, Oct. 30, G-3 Veterinary Research Tower.

**Planning:** "Cleveland, Mayor Kucinich and the Crisis of Growth Politics," Todd Swanstrom, staff director, Albany Strategic Planning Project, and assistant professor, Graduate School of Public Affairs, SUNY Albany, 12:15 p.m. Friday, Oct. 26, 208 West Sibley Hall.

**Plant Biology:** "Hormonal Control of Source-Sink Relationships in Soybean Plants," 11:15 a.m. Friday, Oct. 26, 404 Plant Science Building, with Dr. Mark Brenner, Department of Horticultural Science and Landscape Architecture, University of Minnesota, St. Paul.

**Plant Pathology:** "Root and Crown Rots of Winter Wheat in New York State," Randy Kane, 4:30 p.m. Tuesday, Oct. 30, 404 Plant Science.

**Poultry Biology:** "Induction of Replication Banding Patterns in the Chromosomes of the Rainbow Trout *Salmo Gairdneri*," Mary Delany, Poultry and Avian Sciences, 4:30 p.m. Thursday, Oct. 25, 300 Rice Hall.

**Psychology:** (James J. Gibson Memorial Lecture) "Seeing and Knowing," Ulric Neisser of Emory University, 4:30 p.m. Friday, Oct. 26, Hollis Cornell Auditorium, Goldwin Smith Hall.

**Statistics:** "Bayes and Pseudo Bayes Estimates of Ordinal Data," Prof. Christy Chuang, Statistics Department, University of Rochester, 3:30 p.m. Wednesday, Oct. 31, 105 or 120, Ives Conference Center.

**Toxicology:** "Communicating Scientific Uncertainty and Risk," Dr. Chris Wilkinson, 12:15 p.m. Friday, Oct. 26, NG02 Martha Van Rensselaer.

**Vegetable Crops:** (joint with Pomology) "Applications of Genetic Engineering to Crop Improvement in the Near Future," John Sanford, Department of Horticultural Sciences, New York State Experiment Station, Geneva, 4:30 p.m. Thursday, Nov. 1, 404 Plant Science.

## Sports

**Friday**  
Oct. 26, 7:30PM Schoellkopf. Men's Varsity Soccer/Dartmouth.

**Saturday**  
Oct. 27, 10AM Upper Alumni Field. Men's

Freshman Football - Dartmouth.  
Oct. 27, 1:30PM \*Schoellkopf. Men's Varsity Football Dartmouth.

**Monday**  
Oct. 29, 4:30PM Schoellkopf. Men's JV Football Milford Academy.

**Tuesday**  
Oct. 30, 4PM Schoellkopf. Women's Varsity Soccer Ithaca College.

Oct. 30, 7PM Helen Newman. Women's Volleyball - Colgate.

Oct. 30, 7:30PM Schoellkopf. Men's Varsity Soccer Syracuse.

**Friday**  
Nov. 2, 7:30PM Schoellkopf. Freshman Football Army.

**Friday - Sunday**  
Nov. 2 - Nov. 4 Barton Hall. Women's Volleyball. Ivy League Championships.

**Saturday**  
Nov. 3, 11AM Schoellkopf. Women's Varsity Field Hockey Pennsylvania.

## Theater

### Pirandello Play Scheduled

"As You Desire Me," a psychological thriller and riddle of multiple identity, will be the second production of Theatre Cornell's 76th season.

The play, written by Italian playwright Luigi Pirandello, is the story of a Berlin cabaret dancer playing a part in a game of mystery when she travels to Italy and assumes the identity of a woman lost during World War I.

Performances of "As You Desire Me" will take place in the Willard Straight Theatre at 8:15 p.m. on Thursday, Nov. 1, through Saturday, Nov. 3; Thursday, Nov. 8, through Saturday, Nov. 10; and Thursday, Nov. 15, through Saturday, Nov. 17. There will also be a matinee performance at 2:30 p.m. on Sunday, Nov. 11.

Following the afternoon production, there will be an open discussion with the actors, designers, and director Robert Gross, an author, critic, and lecturer.

Friday and Saturday evening performances cost \$5.50 for adults and \$4.50 for students and senior citizens. Thursday evening performances and the Sunday matinee cost \$4.50 for adults and \$3.50 for students and senior citizens.

Reservations for individuals can be made by calling (607) 256-5165, and for groups by phoning (607) 256-3421. The box office is located on the lower floor of Willard Straight Hall and is open weekdays from 1 p.m. - 6 p.m.

**Thursday - Saturday**  
Oct. 25, 26 & 27, 8:30PM \*Anabel Taylor Hall, Commons Coffee House. Whistling Shrimp, original and improvisational theater for Cornell University presents, "Whistling Shrimp Improvisations", an evening of humorous sketches, impromptu scenes and audience related improvisation techniques. Admission is one dollar at the door. Seating is limited and not reserved. Early arrival is recommended.

**Thursday - Saturday**  
Nov. 1, 2, & 3, 8:30PM \*Anabel Taylor Hall, Commons Coffee House. "Whistling Shrimp Improvisations".

# Graduate Bulletin

Tomorrow, Oct 26, is the deadline for dropping courses or changing the grade option. After Oct. 26 all additions and changes will require a petition to the Graduate School and a \$10 processing fee.

**Reminder** November 21 is the deadline for NSF 1985-86 Graduate and Graduate Minority Fellowship applications.

**November 30** The German Marshall Fund—This program provides awards to outstanding American scholars for individual research projects on selected domestic and international topics. The maximum grant for 1985 is \$28,000 plus travel expenses. Applications may be obtained by writing, The German Marshall Fund, 11 Dupont Circle, NW, Washington, DC 20036.

**December 1** American Association of University Women, International Fellowships—This award is for women who are citizens of countries other than the United States. Applicants from all fields are eligible to apply. Approximately 60 International Fellowships are awarded, for study or research at an approved institution in the United States. The amount of the award is \$10,000. For applications and more information write: AAUW, Educational Foundation Programs, 2401 Virginia Avenue, NW, Washington, DC 20037.

**December 1** Wang Institute of Graduate Studies Fellowship in Chinese Studies—The Fellowship is designed to support full-time research, to be conducted during the 1985-86 academic year, on any period or area of Chinese studies. Applications are invited from scholars whose research in the humanistic or social sciences will contribute significantly to a deeper understanding of Chinese society, history or culture. Additional requirements include a doctoral degree in any relevant academic discipline at the time of application. A limited number of fellowships, of up to \$25,000 each will be awarded. For more information and applications write: Wang Institute of Graduate Studies, Fellowships in Chinese Studies, Tyng Road, Tyngsboro, MA 01879.

# Barton Blotter

Twelve thefts involving losses totaling \$1,610.75 in cash and valuables were reported on campus during the seven-day period of Oct. 15 through 21, according to the morning reports of the Department of Public Safety.

Three of the thefts were of cash stolen from rooms in Emerson Hall (\$120), Lincoln Hall (\$239) and Sage House (\$5.75).

Other thefts included two wallets with cash and valuables amounting to \$110; two fire extinguishers valued at a total of \$62; a \$650 computer taken from Stocking Hall; \$492 worth of stereo equipment, a bag and cash removed from a car parked in the Sage Hall lot.

## West Campus Students Will Have 'One-to-One Day' with Children

Students in the West Campus Dorms area will take part in a "One-to-One Day" with children from the Ithaca area Saturday, Nov. 3, with events scheduled from 10:30 a.m. to 2:30 p.m. that day.

Events scheduled include pumpkin-carving, face-painting, button-making, trick-or-treating, a fun house, a haunted house and games.

Lunch will be provided in Noyes Center. Other events will take place in various dorm lounges.

Several local institutions have been contacted to get youngsters to participate in the event. In addition, sponsors are asking that Cornell-related people, faculty, staff or students, with youngsters age 5-11, sign them up as well. This can be done by calling the West Campus area office at 256-7210 between Oct. 29 and 31.

Also, anyone interested in assisting in the

# Five People, All Cornellians, Get Regents Medals

## Leaders in Agriculture and Environment; President Rhodes Talks

Five leaders in the fields of agriculture and the environment were awarded Regents Medals of Excellence Tuesday night in Syracuse. All five are members of the Cornell community.

The awards are in commemoration of the 200th anniversary of the founding of the Regents and the University of the State of New York.

Cornell President Frank Rhodes was the keynote speaker at the bicentennial dinner at the Hotel Syracuse during which the medals were presented by officials of the Board of Regents and the University of the State of New York.

In remarks prepared for delivery, Rhodes said that the world stands "on the eve of an even greater revolution in agriculture and natural resources" because of biotechnology and the techniques of genetic engineers.

Among those awarded a Regents Medal of Excellence was Barbara McClintock, recipient of the 1983 Nobel Prize in Medicine for her studies of genetics. Her studies of corn demonstrated the correlation between genetic changes and the phenomenon of chromosomal crossover. McClintock's research findings helped lead to a better understanding of the mechanics of in-

heritance and the development of improved strains of corn. She earned the B.S. (1923), M.S. (1925), and Ph.D. (1927) degrees at Cornell for her studies of the genetics of maize.

Others who received a Medal of Excellence were:

— Gene Likens, an aquatic biologist who specializes in the study of fresh water bodies (limnology). Likens has done extensive research on circulation in lakes and is considered one of the nation's foremost experts on the biological and ecological effects of acid rain. Currently director of the Carey Arboretum in Millbrook, New York, he was a professor of ecology and systematics at Cornell.

— Roger Tory Peterson, one of the nation's best-known ornithologists and field naturalists. Peterson's popular field guide series of books has made his name a household word and opened the world of nature to every household. A former member of the Administrative Board for the Cornell Laboratory of Ornithology, he was the first recipient of Cornell's Arthur A. Allen Award (1967) for distinguished service to the laboratory.

— Donald Turcotte, a nationally recognized earth scientist specializing in

geophysics whose work has helped produce an understanding of the movements of the Earth's crust and its deep geological structure. Turcotte is chairman of the department of geological sciences at Cornell.

— Don J. Wickham, who served as New York State Commissioner of Agriculture and Markets for more than 13 years. Now in retirement, Wickham operates a family farm in Hector, Schuyler County. He is a trustee emeritus of Cornell University.

President Rhodes told the audience that education is "intimately tied to agriculture and natural resources, and that our future progress, our economic well-being, and our personal fulfillment are linked directly to the continuing strength of that association."

"We stand now on the eve of an even greater revolution in agriculture and natural resources. Biotechnology and the techniques of genetic engineers offer the promise of crops able to fix their own nitrogen, survive in brackish water, resist droughts, disease, pests, and even frost," Rhodes stated.

At the same time, he said, "Increasingly those outside the research enterprise are raising important and difficult questions about the impact of individual innovations on the environment, public health, the economy, even the organization of society."

Rhodes said, "The challenge before us, then, as we enter this third century of educational development in the State of New York, is essentially a matter of stewardship; of balancing the vast benefits yet to accrue from our research efforts against the risks to our species and to our planet that they may entail; of going forward ever with an eye that looks beyond the moment and sees beyond the day."

"It is a challenge that extends far beyond agriculture to include our mineral and energy resources, the health of our ecosystem, and the social, political, and moral fabric of the civilization with which they are entwined."

President Rhodes said that education of the very highest quality is needed to bring issues in agriculture and natural resources to the attention of students at all levels.

"We must not view our problems from

within the narrow confines of single specialties," he added, "but rather from the larger perspective of the society and the ecosystem of which they are a part." He cited Cornell's Center for Environmental Research and the Institute for Comparative and Environmental Toxicology as two examples in which biologists, engineers, attorneys, social scientists, and others share in the investigation and analysis of important and wide-ranging environmental issues.

"Such concern, however, cannot be restricted to those who will find careers in agriculture, natural resources, or other fields involving the application of science and technology. If the basic tenet of democracy — that which touches all must be ratified by all — is to remain applicable in our complex, technological world, as many people as possible must be able to differentiate between what is technically possible and what is ethically and morally acceptable."

Offering his second challenge, President Rhodes said, "...we must in this third century of education in the State of New York, reassert the priority of the humanities in the education of all."

He continued, "For it is from the scientist that we learn what is possible, but it is from the humanist that we learn what is acceptable and so define the boundaries beyond which human dignity is imperiled."

"It is the role of the humanities to explore experience in all its ambiguity and richness; to challenge our vision of life; to confront the confusion, the discontent, the uncertainty and all the glorious potential of our humanity."

"It is to contemplate that larger sphere, the cosmos and humankind's place in it, to which agricultural education, natural resources education, indeed all education, must be directed. It is toward that larger purpose that the University of the State of New York has guided us over these past 200 years. And that remains its challenge, indeed its most weighty responsibility and its most urgent task, as it embarks upon this, its third century as the guardian of education and culture within the State of New York," President Rhodes concluded.



Theatre Cornell's production of Luigi Pirandello's "As You Desire Me," adaptation by Robert F. Gross, will be presented in the Willard Straight Theatre on Nov. 1-3, 8-10 and 15-17. Reservations and information may be obtained by calling the Theatre Cornell box office at 256-5165. Maggie Fleming (left) is "Strange Lady I," and Adam Suprenant is "Masperi."

## Berlin Architecture Is Topic Of Three Lectures Here

Josef Paul Kleihues, director of the International Building Exposition Berlin 1987 (IBA) in West Germany, will discuss the architecture and rebuilding of Berlin in a public lecture series here Oct. 31, Nov. 1, and Nov. 2.

All three presentations in the series, known as the Preston H. Thomas Memorial Lectures, will be given in Ives 120.

The date, time, and topic of each talk are:

—Wednesday, Oct. 31 at 8 p.m., Berlin Architecture and Urban Design since 1900 as a background for IBA 80/87;

—Thursday, Nov. 1 at 5 p.m., The Reconstruction of the destroyed city: Method and Intention of the Masterplan.

—Friday, Nov. 2 at 8 p.m., Architecture between Individualism and Convention: Selected examples of IBA projects.

According to Kleihues, "One of the main concerns of the International Building Exhibition, (IBA) Berlin 1984, is the achievement of maximum variety and quality of life within the inner city. After the loss — now over-discussed — of those characteristics of urban life which were destroyed through years of generally unreflecting propagation of 'open' building (used as a metaphor for democracy), we find an addition to the facile criticisms of 'modern conditions,' that attention is focusing again on the traditional constituents of urban design."

The lecture series is given annually with funds provided by Mr. and Mrs. Leonard Thomas of Sennett (Cayuga County) in memory of their son, a former architecture student at Cornell.

## Enrollment 17,366; Up by 1.5 Percent

The university's Ithaca campus enrollment this semester stands at 17,366, up 1.5 percent over last fall, according to figures reported last Friday by provost Robert Barker to the Cornell Board of Trustees.

In 1983, Ithaca campus enrollment was 17,102; in 1982, it was 16,934.

While the number of people seeking undergraduate, graduate, and professional degrees from Cornell rose this year, the largest increases were recorded in the undergraduate and graduate categories. Of the 264 additional students enrolled this fall, 108 are undergraduates and 138 are graduate students.

Barker also reported to the trustees that total minority student enrollment increased to 15.1 percent of the total number of U.S. students at Cornell, up from 14.0 percent last year.

Asian enrollment increased 11.7 percent, Hispanic was up 6.9 percent, and the number of American Indians increased 17.1 percent. Black enrollment increased to 5.6 percent of the total enrollment on the Ithaca campus.

## Melby Receives Honor at Penn

Eward C. Melby Jr., dean of the New York State College of Veterinary Medicine, has been awarded the Centennial Medal of the University of Pennsylvania's School of Veterinary Medicine.

Melby, who attended the University of Pennsylvania (1948-50), was honored "for his pioneering leadership in laboratory animal medicine" and for his achievements as dean of Cornell's College of Veterinary Medicine. In particular, he was cited for developing a model program for the nation in which "laboratory animals in many

biomedical institutions are now healthier, better cared-for, and more zealously protected against abuse and unnecessary suffering."

Earlier this month, Melby announced that he will become vice president of research and development at SmithKline AHP of Philadelphia, a biomedical health care firm. He will leave Cornell November 1 and assume his new position early in 1985.

He earned the D.V.M. degree from Cornell (1954) and has served as dean since 1974.

# Progress Report on Minority Education

Provost Emeritus W. Keith Kennedy presented to the Board of Trustees last weekend a progress report on the steps that have been taken in response to last year's report of the Trustee Subcommittee on Minority Education at Cornell. Here is the text of that report:

"On May 26, 1984, the trustees received a brief summary of the steps that had been taken to obtain the comments and reactions of students, faculty and staff to the Trustee Subcommittee report. In addition, the trustees were informed of personnel changes in the Financial Aid Office, plans to renovate that office, the strengthening of the Learning Skills Center, the appointment of a new director of COSEP and the reorganization of the Minority Education Council. Other items mentioned in the preliminary report were the retention of the COSEP designation on application forms for admission for the fall of 1985, the inclusion of all minorities in using the COSEP designation for determining financial aid packages, and a summary of discussions with Director James Turner and other members of the Africana Studies and Research Center.

"During the summer and early fall of 1984 the offices of COSEP, Financial Aid, Learning Skills Center and University Admissions were strengthened through new appointments, reorganization and other changes. These offices and other support services for minority students continued to study the recommendations of the trustee subcommittee and they also reviewed the replies to the draft report received from students, staff and faculty. The offices have implemented or have taken steps to implement many of the recommendations of the subcommittee and respond to many of the comments in the replies to the draft report. This paper is the second progress report with the anticipation that the Trustees will request a third report at either the April or May 1985 meetings.

## Student Views of Minority Education

"May Hines, director of the Office of Minority Affairs (COSEP), the deans and other administrators have reviewed the section entitled, 'Student Views of Minority Education' and have taken steps to improve dissemination of information to all minority students and to be responsive to their special needs. Director Hines, Debora Pointer (Financial Aid Office), William Collins (Learning Skills Center) and the COSEP associates, in cooperation with Director Hines, have implemented a number of changes in an effort to eliminate student frustrations in dealing with a large and complex institution.

"A Financial Aid Newsletter and frequent memoranda and meetings have been helpful in keeping students and counseling staff informed of new and improved support services. Director Hines also has demonstrated to minority students that the COSEP office is concerned about minority education and is action-oriented if a student has a problem. She is not inclined to intervene in cases involving trivial matters although she takes time to explain why the issue lacks substance.

## Recruitment and Admission

"Cornell has not had a quota or upper limit on the number of minority students overall or on the number of any ethnic or racial group. Each year the recruiting teams develop a

**"Efforts of the Cornell Black Alumni Association of New York City were tremendously effective in encouraging prospective minority students to complete their applications."**

plan within the limits of available time and funds which they believe will reach the largest number of prospective students who have the qualifications, or at least the potential, to do Cornell academic work.

"The overall successes in recruitment have varied from year to year but for the most part the efforts have been increasingly successful. Undergraduate recruitment for the 1984 entering classes was exceptionally effective with a larger number of applications and a higher yield of those offered admission. The fall enrollment of new minority students was 780 with 708 freshmen and 72 transfers.

"Total undergraduate enrollment of minorities was 2,073 in 1984, an increase of 174 over the fall of 1983. All minority groups contributed to this increase with minorities comprising 16.8 percent of the undergraduate student body in 1984.

"The efforts of the Cornell Black Alumni Association of New York City were tremendously effective in encouraging prospective minority students to complete their applications for admission. The completion rate in the New York City area was 93 percent and the acceptance rate of those offered admission was 10 percent higher than for other minority students.

"This highly successful recruitment program dictates that minority alumni involvement be actively sought in other regions of the U.S. Ann York, director of admissions,

has been meeting with minority staff and students in developing current recruitment plans which include schools to be visited, alumni assistance and tracking applications and acceptances.

"The trustee subcommittee recommended more aggressive recruitment of minorities for the Summer Advanced Placement Programs, now called the Summer College for High School Students. In the summer of 1984 total enrollment for this program was 748 students with 136 or 18 percent minorities. The participants included 82 Asians, 32 Hispanics, 11 blacks and 11 other minority students. The coordinator of the Summer College is expanding recruitment efforts among high schools with large numbers of minorities for the 1985 summer program.

"Graduate and advanced professional enrollment increased by a modest amount from 318 minorities in 1983 to 330 in 1984 with Asians accounting for most of this growth. The 330 minorities represented only 8.7 percent of the students studying for advanced degrees. Furthermore, the success rate for minorities in some fields is well below the desired level. Assistant Dean Hart has launched an ambitious recruitment program for increasing the representation of minorities in Cornell's graduate and advanced professional but limited fellowship funds pose a serious problem.

"Currently Cornell provides fellowship support for first-year graduate students with the expectation that the appropriate academic unit will provide assistantship or other support in subsequent years. Many units do not have the necessary funds and while the Graduate School provides second-year support to a few minority students, it also lacks the resources to fund any significant number of minority students beyond one year of graduate study. A similar problem exists within the three advanced professional schools.

"Clearly graduate and advanced professional education for minorities deserves and requires more effort. Lack of adequate financial support for the current number of students being recruited is a major concern. Failure to attract more of the highly qualified minorities for advanced study also is a disappointment. Ideally, the university should provide substantially better stipends with longer periods of support, at least two years, and perhaps for the entire period the student is studying for an advanced degree. This would require a very sizeable increase in the fellowship/scholarship budgets for minority advanced degree students. If these increases cannot be provided, then the graduate and professional schools may have to target current funds to the recruitment and support of the most outstanding minorities.

## Financial Aid

"The Financial Aid offices have been renovated completely and considerable restaffing has occurred. Seven new employees include three black females and one Asian female. In addition, the Financial Aid Office has 9 students advisors — five blacks, one Hispanic and three whites.

"The COSEP differential has been extended to all minorities with family incomes of less than \$30,000. With the increased staff and more effective leadership the Financial Aid Office provides greater individual attention including financial counseling for minority students.

"Separate financial aid packages have been developed for American Indian students to reflect the limited financial resources of many of these students. As New York state's land grant university, Cornell is offering a special educational opportunity to American Indians living within the state. Upon the approval of Director Hines or Associate Director Richardson, the self-help component of the financial aid package for American Indian Studies can be reduced by \$2,000 if the family income is less than \$20,000 and by \$1,000 if the family income is less than \$30,000. In addition, the Cornell Tradition Office is devoting extra effort to locating summer employment opportunities for Indian

**"Students who participate in the study groups and special courses offered by the Learning Skills Center perform substantially better on prelims and finals than non-participants."**

students on or near one of the Indian Reservations, preferably their home reservation.

"Financial aid packages are being provided for fifth year minority students with no increase in the self-help requirement above the level for those students in their second, third or fourth year. Only modest increases in self-help are

imposed for those in their sixth year. Steps have been taken to avoid any major changes in the student's financial aid package unless there are errors in the parental financial statement.

## Academic Performance and Graduate Rate

"Currently 50 to 60 percent of the minority students, other than Asians, graduate at the end of four years. Approximately another 12 percent graduate at the end of the fifth year for a total graduation rate of about 72 percent at the end of four years and 80 percent at the end of five years. Asians at Cornell graduate at or above the 90 percent rate at the end of five years.

"Directors May Hines (COSEP) and William Collins (Learning Skills Center) are working with COSEP associates and faculty in the development of a more effective early warning system in order to provide prompt assistance to students experiencing academic difficulty. Such a system is very dependent upon good advising, a need which is being emphasized with the deans of the FCR Committee for Minority Education. Students who participate in the study groups and special courses offered by the Learning Skills Center perform substantially better on prelims and finals than non-participants. This clearly demonstrates the value

**"The prefreshmen summer program continues to play an important role in assisting minority students to make the transition from high school to a major university."**

of students receiving prompt counseling and then participation in the program of the Learning Skills Center.

"The prefreshmen summer program continues to play an important role in assisting minority students to make the transition from high school to a major university. In 1984, 153 students completed this freshman program, 12 more than in 1983. The combined effects of the freshman program, the early warning system, and the programs of the Learning Skills Center appear to have a very positive influence on the retention and graduation rates of minorities with nearly 60 percent graduating in four years in 1984.

"One year ago, some minority students and staff expressed concern about the increased responsibilities of the Learning Skills Center to serve any student of the university who could benefit from its programs. The university administration pledged that it would provide the necessary, additional dollars to cover any increase in the center's workload and increased staffing was provided. Director Collins agreed to study the effect of allowing non-minorities to participate in programs of the center. During the past academic year a total of 669 students enrolled in the supplemental instruction program with 521 being COSEP or H/EOP students. While the participation by non-COSEP students was higher than in previous years there were no massive shifts in non-COSEP enrollment. In his recent annual report, Director Collins points out that over half (57 percent) of the COSEP and non-COSEP students thought that the presence of students from the other group had no effect. One quarter (26 percent) felt the presence of the different groups of students to be beneficial; 13 percent did not answer the question, and only 4 percent felt the presence of different groups of students was not beneficial.

"Currently, Director Collins is working with Computer Services to make the Learning Skills Center a public (student) access site for microcomputers and has received assurances that the desired computer work stations will be provided.

## Recruitment and Retention of Minority Faculty

"Associate Provost Egner continues to play an active role in assisting departments in their search for qualified women and minority faculty. In each of the last two academic years, six new minority members joined the faculty for a total of 6 Asians, 3 blacks and 3 Hispanics. The university continues to provide funds for prefilling faculty positions where a retirement will occur within a one- to three-year period and to upgrade a faculty position from assistant professor to associate or full professor if an experienced minority scholar is recruited. The university also is continuing its program of providing funds for one-semester or one-year appointments of established minority and women scholars as visiting professors.

## The COSEP Program

"May Hines, director of Minority Educational Affairs,

Continued on Page 15

# Cornell University

## University Personnel Services

### Day Hall

Ithaca, New York 14853

607/256-5226

#### Please Note:

**Job Opportunities** is a publication of Staffing Services and is distributed each Thursday through the Cornell Chronicle.

**Job Opportunities** lists current vacancies within the University, consistent with the University's commitment to promotion from within, affirmative action, and equal opportunity employment.

Applications for employment are available at Cornell University's employment office at East Hill Plaza at the intersection of Ellis Hollow Road and Judd Falls Road in Ithaca, from 9:00 a.m. to 12:00 noon, Monday through Friday. Applications can be submitted through the mail to University Personnel Services, Staffing Services, 160 Day Hall, Ithaca,

N.Y. 14853. For more information on jobs listed, contact Staffing Services (607) 256-5226.

#### Employee Transfer Applications:

Employees who wish to transfer to other jobs within the University should complete a separate Employee Transfer Application form for each position and submit them to Staffing Services. Individuals with official University layoff status will be given preference in referrals.

This listing is also available on CUINFO

Cornell University's computerized information service. For further CUINFO details, contact the Information and Referral Center at 256-6200 or Computer Services.

New vacancies are listed for two weeks in **Job Opportunities**.

\*Asterisks identify jobs that were not listed last week.

Full-time jobs are 39 hours per week unless otherwise indicated. Jobs listed as SO, U1 and U2 are represented by bargaining units.

\*Asterisks identify jobs that were not listed last week.

# Job Opportunities

Cornell University is an equal opportunity, affirmative action employer.

## Administrative/Professional

The minimum salaries listed are for recruitment purposes only.

#### \*Position: Business Manager

Department: Transportation Services  
Description: Assumes primary responsibility for all financial and business operations of the department. Assist in the development of \$3 million operating budget and \$8 million capital budget. Responsible for financial planning, cash handling, internal controls, accounting, budget, records and statistical analyses.

Requirements: Bachelor's degree in business administration or equivalent. Master's degree preferred. At least three years progressive experience in a business setting. Strong background in accounting, financial management, understanding of on-line computing and micro-computer operations. Please send cover letter and resume to Ralph Jones by November 9, 1984.  
Job Number: PA433

#### \*Position: Public Affairs Officer

Department: CALS Dean's Office  
Description: Plan, direct and coordinate the development and implementation of the CALS Alumni Association programs and activities both on and off campus. Assist with programs and activities of the Office of Development and Alumni Affairs and to take leadership responsibilities with specific private support efforts.

Requirements: Bachelor's degree or equivalent with emphasis on communication arts, public relations, extension, sociology. Public relations and/or extension or administrative experience in higher education or related alumni affairs experience. Writing experience, such as newsletters, proposals and brochures, is required. Send cover letter and resume to Ralph Jones by November 2, 1984.  
Job Number: PA435

#### \*Position: Research Support Specialist II

Department: Human Development & Family Studies

Description: Provide supervisory and technical assistance for the project director of a new study of child abuse and neglect reports in New York State. Will be involved in all aspects of the study including data collection and analysis, as well as writing reports and publications.

Requirements: Master's degree or equivalent in the social sciences or equivalent combination of education and experience. Research experience and some statistical expertise necessary. Experience in supervising support and temporary field staff useful. Ability to oversee data entry and perform data analysis on Cornell's mainframe computer essential. Please send cover letter and resume to Cynthia Smithbower.

Minimum Starting Salary: \$16,500  
Job Number: PT432

\*Position: Curatorial Associate (Repost)  
Department: Herbert F. Johnson Museum of Art

Description: Curatorial responsibility for Museum's print and photograph collection including research, accessioning and the organization of exhibitions.

Requirements: Master's degree or equivalent in art history. Knowledge of the history and techniques of prints and photographs. At least two years curatorial work in art museum desirable. Please send cover letter and resume to Esther Smith.

Minimum Starting Salary: \$16,000-\$18,000  
Job Number: PC339

\*Position: Research Support Specialist I (Repost)

Department: Agronomy  
Description: Conduct video cryomicroscopic studies of plant protoplasts, cells and tissues and mammalian embryos. Record and interpret visual observations. Conduct computer enhanced video image analyses of the microscopic observations using PDP 11/23 and Victor 9000 microcomputers.

Requirements: Bachelor's degree in the biological sciences. Proven experience in light microscopy required. Also, some experience in video recording and computer usage desirable. Please send cover letter and resume to Cynthia Smithbower.

Minimum Starting Salary: \$13,625  
Job Number: PT4110

Position: Systems Analyst II (Repost)  
Department: Education

Description: Performs systems development in design and development of PC software, including selection of software packages and modification of existing programs and development of new programs for instructional packages; program documentation and preparation of student study guides; supervises part-time student programmers; develops program and documentation of IBM personal microcomputers dealing with biology laboratory simulations.

Requirements: Bachelor's degree or equivalent with course work in computer science. Course work in biology helpful. Master's degree preferred. 2-3 years programming experience including ability to program in PASCAL. Familiarity with IBM PC as well as systems development and documentation necessary. Please send cover letter and resume to Cynthia Smithbower.

Minimum Starting Salary: \$18,000  
Job Number: PT386

Position: Manager, Division Media Services (Repost)

Department: Division of Summer Session, Extramural and Related Programs

Description: Will develop and administer public relations and advertising programs for Division. Will coordinate, schedule, edit, produce

and distribute all printed and other publicity materials.

Requirements: Bachelor's degree or equivalent. Excellent editing and writing skills required. Two to three years of layout and production experience. Knowledge of newspaper, periodical and advertising industries. Submit cover letter, resume, a 1-2 page writing sample, as well as an example of a finished product (such as a brochure) to Cynthia Smithbower by November 2, 1984.

Minimum Starting Salary: \$13,625-\$22,600  
Job Number: PT2912

Position: Applications Programmer I  
Department: Animal Science

Description: Write, test, debug and document application programs written in assembler language and/or PL/1.

Requirements: Bachelor's degree in dairy or animal science field or equivalent. Some programming experience. Familiarity with assembler language and/or PL/1 preferred. Experience with CICS desirable. Please send cover letter and resume to Cynthia Smithbower.

Minimum Starting Salary: \$13,625-\$16,500  
Job Number: PT425

Position: Training Associate I

Department: University Personnel Services  
Description: Administer and coordinate staff training programs and projects. Coordinate and oversee technical aspects of training calendar development, production and implementation. Analyze and report data on programs and projects. Assist in evaluation of programs and services. Manage master schedule of programs and projects. Oversee administrative support systems. Handle special projects as assigned.

Requirements: Bachelor's degree or equivalent experience. Demonstrated ability to manage numerous and diverse programs and projects simultaneously. Ability to assess and assign priorities. Demonstrated interpersonal, organizational and verbal and written communication skills. Supervisory experience preferred. Please send cover letter and resume to Ralph Jones.

Minimum Starting Salary: \$14,000  
Job Number: PA419

Position: Assistant Director, Admissions  
Department: Graduate School Admissions Office

Description: Supervise admissions staff in all facets of the admission process; prepare statistical summaries of applications received and actions taken during admission period; take major responsibility for coordinating anticipated computerization of office; provide information to applicants and graduate fields; assist Director in evaluation of foreign credentials; review application files; assist in administrative/research projects as assigned.

Requirements: Bachelor's degree or equivalent. Experience in admissions, preferably

graduate, and/or foreign student evaluations desirable. Demonstrated excellent written and oral communication skills. Some experience with computers desirable. Please send cover letter and resume to Ralph Jones.

Job Number: PA421

Position: Development Officer II - Center for International Studies

Department: University Development  
Description: Assist in the identification, cultivation and solicitation of individuals, corporations and foundations who have the ability to provide significant levels of private support for the Center for International Studies. This individual will report to the Director of University Development and work closely with faculty and staff of the Center in a broad range of fund raising activities and events.

Requirements: Bachelor's degree or equivalent education plus experience. Minimum two years development or public affairs experience. Ability to communicate effectively and persuasively both in writing and orally. Background in prospect cultivation and management desirable. Please send cover letter and resume to Ralph Jones.

Job Number: PA4111

Position: Associate Bursar

Department: Office of the Bursar  
Description: Administer and manage the University's student loan program, student accounts receivables and collection programs. Supervise support staff, advise and counsel students, parents and faculty regarding billing and collection procedures and prepare and monitor necessary reports.

Requirements: Bachelor's degree or equivalent; Master's degree or equivalent desirable. At least three to five years experience administering student loan programs, accounts receivables and related computer application programs; demonstrated supervisory and organizational ability and excellent communication skills necessary. Please submit letter of interest and resume to Judy Morgan by November 10, 1984.

Job Number: P426

Position: Applications Programmer II

Department: Agricultural Economics  
Description: Responsible for assisting users utilizing a variety of mainframe as well as mini- and microcomputer systems and applications in research, teaching and extension activities. Responsible for analysis, design, implementation and maintenance of new applications programs and systems, as well as maintenance of existing systems.

Requirements: Bachelor's degree with computing-related courses or equivalent training and experience. Applicants must possess at least entry level skills and be familiar with IBM VM and MVS environments, have substantial experience with microcomputing systems, have a

knowledge of data and file management processes, and/or be competent in the use of statistical computing procedures and software packages such as SAS, MINITAB, TROLL, etc. One year's experience working in a professional data processing environment essential. Please send cover letter and resume to Cynthia Smithbower.

Minimum Starting Salary: \$16,500  
Job Number: PT415

**Position:** Computer Engineer (Repost)  
**Department:** Lab of Nuclear Studies  
**Description:** Responsible for ongoing development of hardware and supporting software for high performance scientific data processing equipment. This equipment is integrated into a research data acquisition and control computer network which includes VAX, DEC-10, PDP-11 computers and various microcomputers.

**Requirements:** Bachelor's degree or equivalent. Ability to work effectively with minimal supervision. Experience with computer and/or digital electronic hardware and knowledge of computer architecture essential. System software experience and familiarity with VAX/VMS and, to a lesser extent, TOPS-10 or RSX-11M helpful. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT157

**Position:** Systems Analyst II (Repost)  
**Department:** Lab of Nuclear Studies  
**Description:** Provide ongoing software development in support of a high energy physics research computer network which includes VAX, DEC-10, PDP-11 computers and various microcomputers.

**Requirements:** Bachelor's degree or equivalent. Ability to work with minimal supervision. System software experience, preferably with VAX/VMS, but possibly with TOPS-10, RSX-11M or other operating system essential. Hardware experience helpful. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT155

**Position:** Applications Programmer III (Repost)  
**Department:** Mechanical and Aerospace Engineering

**Description:** Under minimum direction, develops and maintains sophisticated software packages of a high degree of complexity and scope, including interactive computer graphics and data-base concepts; responsible for developing new applications and system utilities, documentation and provides systems programming support to others using the VAX 11/750.

**Requirements:** Bachelor's degree or equiv. in computer science, mechanical engineering or a related field. Master's preferred. Detailed knowledge of FORTRAN and VAX-VMS operating system. PL/1, C, UNIX, color graphics and/or distributed processing useful. 2-3 years experience in programming, development, installation and maintenance. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT371

**Position:** Systems Programmer III (Repost)  
**Department:** Computer Science  
**Description:** Provides software maintenance and development support for the Computer Science Department's computing facility. Provides software consulting and programming assistance to departmental research groups; daily software maintenance.

**Requirements:** Bachelor's degree or equiv. in computer science or engineering. At least 2 years experience in systems programming and development. Familiarity with UNIX and C, or with a comparable modern operating system and systems programming language essential. Academic work experience and computer networking with advanced programming or office automation environments helpful. Please send cover letter and resume to Cynthia Smithbower.

Minimum Starting Salary: \$18,500  
Job Number: PT315

## Clerical

All applicants interested in positions requiring typing must take an official University test. Tests are given Mondays and Wednesdays at 8:00 a.m., Room 337, Statler Hall. Please contact Staffing Services for an appointment.

**Position:** Office Systems Specialist, GR22  
**Department:** Computer Services  
**Description:** Provide first-contact consulting in word and text processing as well as other office applications. Serve as a resource in the development and teaching of workshops; demonstrate word processing equipment and software;

provide administrative support for a small group.

**Requirements:** Associate's degree or equivalent. Bachelor's degree or equivalent preferred. At least 3-5 years office experience including 1-2 years experience with word processors/personal computers. Good communication skills (written and oral), organizational, analytical and evaluative skills. In depth knowledge of word processing. Some knowledge of microcomputers, particularly IBM personal computers. Some experience with WordPerfect and Lotus 1-2-3. Knowledge of sources of information about computing on campus. Experience with Cornell electronic mail system or other office automation software useful.

Minimum Starting Salary: \$13,141  
Job Number: C4313

**\*Position:** Office Assistant, GR18  
**Department:** Office Equipment Center  
**Description:** Oversee and maintain the lease account for standard office equipment, i.e., typewriters and dictating equipment; process all relevant data and correspondence.

**Requirements:** High school diploma or equivalent. Medium typing. Good telephone and computational skills. At least one year experience as an accounts clerk/secretary. Familiarity with the operation of a microcomputer system helpful.

Minimum Starting Salary: \$10,500  
Job Number: C439

**\*Position:** Data Entry Operator, GR18  
**Department:** Computer Services  
**Description:** Key enter or key verify data via CADE keystations. 39 hours/week/shift work/weekends.

**Requirements:** High school diploma or equivalent. Data entry and/or keypunch experience, preferably CADE system experience (at least one-two years).

Minimum Starting Salary: \$10,500  
Job Number: C431

**\*Position:** Accounts Assistant, GR18  
**Department:** Clinical Sciences  
**Description:** Responsible for the collection of all charges for hospitalized cases of the Large Animal Clinic; prepare billing statements at the time of discharge of the patient.

**Requirements:** High school diploma or equivalent with some college with accounting and bookkeeping courses or equivalent experience. At least 1-2 years of accounting or bookkeeping experience necessary. Billing experience in a medical setting desirable.

Minimum Starting Salary: \$10,500  
Job Number: C4310

**\*Position:** Secretary, GR16  
**Department:** University Development  
**Description:** Provide secretarial and receptionist support for communications staff. Responsible for typing drafts, correspondence; recording, filing and storing of all communications jobs; serve as liaison with the Office of Visual Services.

**Requirements:** High school diploma or equivalent. Medium typing. Some office experience. Knowledge of printing and publications work desirable. Good command of written English. Good proofreading and organizational skills.

Minimum Starting Salary: \$9,494  
Job Number: C4312

**Position:** Administrative Aide, GR21  
**Department:** Arts and Sciences Dean's Office  
**Description:** Assist in preparation, maintenance and control of college budget (includes the processing of academic and non-academic payroll authorization forms for college); prepare and maintain various fiscal records and reports. Other duties as assigned.

**Requirements:** High school diploma or equivalent. Business school or two years of college preferred. Light typing. At least 3-5 years of office experience. Good interpersonal skills. Knowledge of Cornell accounting system helpful. IBM PC experience desired.

Minimum Starting Salary: \$12,469  
Job Number: C429

**Position:** Administrative Aide, GR20  
**Department:** Engineering Dean's Office  
**Description:** Provide administrative support for the Dean's Office. Handle correspondence, much of it highly confidential, using a word processor; act as building coordinator for Carpenter Hall; coordinate operation of Dean's Office secretarial staff; assist in general office procedures (answering telephone, sorting mail, helping visitors).

**Requirements:** High school diploma or equivalent plus some college course work or equivalent experience. Heavy typing. Must have proven ability with word processors (IBM Displaywriter preferred). Ability to handle highly

confidential information. Familiarity with the general nature of computers is an asset.

Minimum Starting Salary: \$11,739  
Job Number: C424

**Position:** Administrative Aide, GR20  
**Department:** NYSSILR, New York City  
**Description:** Administrative Aide to Director for Labor Liberal Arts/Trade Union Women's Studies and Director for NYC Labor Programs. Duties include processing of vouchers, books and travel orders; registrations; monitoring readiness of materials needed for courses and conferences; maintaining up-to-date mailing lists; record keeping.

**Requirements:** High school diploma or equivalent. Associate's degree preferred. Medium typing. Good interpersonal skills and attention to detail essential.

Minimum Starting Salary: \$11,739  
Job Number: C422

**Position:** Searcher, GR18  
**Department:** Acquisitions - Olin Library  
**Description:** Search card catalogs, national and trade bibliographies, RILIN automated systems, In-Process list and other files for bibliographic information pertaining to books the library is ordering or has received; input records for new books and orders in RILIN data base. Monday - Friday 8:00 a.m. - 5:00 p.m.; occasional weekends.

**Requirements:** High school diploma or equivalent; some college background preferred. Light typing. At least two years progressively more responsible library technical services experience; additional education may be substituted for experience; knowledge of at least one foreign language, Spanish preferred.

Minimum Starting Salary: \$10,500  
Job Number: C428

**Position:** Secretary, GR18  
**Department:** Cornell Institute for Social and Economic Research (CISER)

**Description:** Provide secretarial support for the Institute. Duties include typing and composing correspondence; filing; answering telephone; maintaining calendars; coordination of mailings; transcribing dictation; scheduling meetings; ordering office supplies. Other duties as assigned.

**Requirements:** High school diploma or equivalent. Heavy typing. At least two years secretarial experience. Strong organizational, interpersonal and communication skills. Word processing skills desired (IBM Displaywriter). Ability to work under pressure. Thoroughness, attention to details essential.

Minimum Starting Salary: \$10,500  
Job Number: C426

**Position:** Secretary, GR18  
**Department:** Operations Research & Industrial Engineering

**Description:** Typing technical manuscripts on Micom word processor. Type general correspondence, journal material; answer telephone. Other work as assigned.

**Requirements:** High school diploma or equivalent. Business or secretarial school preferred. Medium typing. Word processing experience. Good interpersonal skills. Knowledge of Micom word processor helpful.

Minimum Starting Salary: \$10,500  
Job Number: C423

**Position:** Secretary, GR18  
**Department:** Africana Studies & Research Center

**Description:** Provide secretarial support for eight faculty members. Type manuscripts, reports, research papers and materials on word processor (includes text editing, formatting and producing drafts or final copies of data); answer and screen calls; arrange meetings and appointments. Other duties as assigned.

**Requirements:** High school diploma or equivalent. Business or secretarial school preferred. Medium typing. At least three years secretarial experience. Good organizational and interpersonal skills. Knowledge of word processor.

Minimum Starting Salary: \$10,500  
Job Number: C4210

**Position:** Office Assistant, GR16  
**Department:** Architectural Services  
**Description:** Provide secretarial and clerical support including typing general correspondence, forms, reports; filing; arranging appointments and travel; answering telephone; handling mail. Other duties as assigned.

**Requirements:** High school diploma or equivalent. Medium typing. Good telephone communication skills needed. Should be able to operate basic office equipment.

Minimum Starting Salary: \$9,404  
Job Number: C425

## General Service

**\*Position:** Printing Assistant, SO17  
**Department:** Graphic Arts Services  
**Description:** Process varied campus department mailings using pertinent postal regulations and the proper handling and accounting of postage monies. Responsible for operations of various postal and mail handling machines and perform the routine maintenance of this equipment. Other relevant Print Shop assignments as needed. Considerable standing involved.

**Requirements:** High school diploma or equivalent. Some experience with postal regulations and ability to operate various makes of addressing, mailing and stuffing machines.  
Minimum Starting Salary: \$4.69/hour  
Job Number: S431

**\*position:** Custodian, SO16  
**Department:** Buildings and Grounds Care  
**Description:** Perform general maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. Monday - Thursday, 6:00 a.m. - 2:30 p.m.; Fridays 6:00 a.m. - 1:30 p.m.

**Requirements:** Ability to operate a variety of heavy power operated equipment, climb an 8' ladder and lift 50 lbs.  
Minimum Starting Salary: \$4.47/hour  
Job Number: S432

**Position:** Food Service Worker, SO17  
**Department:** Cornell Dining  
**Description:** Assist in the planning, preparation and presentation of cold foods.  
**Requirements:** High school diploma or equivalent. Knowledge of cold food preparation. Familiarity with kitchen equipment preferred.  
Minimum Starting Salary: \$4.69/hour  
Job Number: S421

**Position:** Food Service Worker, SO16  
**Department:** Statler Inn  
**Description:** Assist in all areas of hot and cold food preparation. Perform general cafeteria duties including serving, bussing, short order and cleaning. 6:00 a.m. - 2:30 p.m. Monday Friday.  
**Requirements:** High school diploma or equivalent desired. Previous food service experience required.  
Minimum Starting Salary: \$4.47/hour  
Job Number: S422

## Technical

Applications for Technical positions should include the following information:  
- Scientific/technical courses completed  
- Lab techniques and/or equipment (knowledge of)  
- Special skills (e.g. knowledge of computer language)

**\*Position:** Technician, GR21  
**Department:** Veterinary Microbiology (James A. Baker Institute for Animal Health)  
**Description:** Perform standard techniques in virology, serology and immunology. Prepare and maintain tissue and plant cultures; maintain cell lines; preparation, lyophilization and titration of stock viruses as well as virus isolation; perform various serological tests. Some animal work involving sample collection; record keeping and laboratory maintenance.

**Requirements:** Bachelor's degree or equivalent experience in microbiology. Laboratory technique skills including familiarity with centrifuges, pH meters and coulter counters preferred. Experience in record keeping, preparation of graphs and tables of data for slides and publications.  
Minimum Starting Salary: \$12,469  
Job Number: T432

**\*Position:** Technician, GR20  
**Department:** Avian & Aquatic Animal Medicine - Woods Hole, Massachusetts  
**Description:** Assist the Director of the Marine Health Laboratory in carrying out the objectives of the diagnostic facility at Woods Hole and to establish diagnostic histopathology, bacteriology, parasitology, mycology and hematology of vertebrate and invertebrate aquatic animals.

**Requirements:** Bachelor's degree in biological sciences and technical experience to meet requirements of job description, or equivalent. Technical training in microbiological skills and histopathology including preparation of specimens for light and electron microscope examination. One year experience in microbiological and histopathological services would be useful.  
Minimum Starting Salary: \$11,739  
Job Number: T439

# Job Opportunities

Continued from Page 13

\*Position: Research Aide, GR20

Department: Chemistry

Description: Oversee the collection, synthesis and analysis of mass spectral data.

Requirements: Bachelor's degree or equivalent in chemistry. Familiarity with organic chemistry; ability to learn the mass spectrometry of organic compounds and understand the organic structural data. Familiarity with scientific computing.

Minimum Starting Salary: \$11,739

Job Number: T437

\*Position: Research Aide, GR19

Department: Food Science

Description: Provide technical support for research project on the improvement of milk and dairy products quality and shelf life identifying quality problems and proposing remedial actions. Duties include planning and conducting experiments; analyzing data; isolating, identifying and maintaining bacterial cultures; and maintaining laboratory equipment and supplies. Until 9/30/85, extension based on continuation of funding.

Requirements: Bachelor's degree or equivalent in food science, biological sciences or related field. Experience in wet chemical analyses and microbiological evaluations of foods.

Minimum Starting Salary: \$11,125

Job Number: T431

\*Position: Technician, GR18

Department: Equine Drug Testing & Research - Saratoga Raceway

Description: Perform analysis of blood and urine samples in a field drug testing laboratory at Saratoga Raceway. Assist laboratory director as required. 1:00 p.m. - 10:00 p.m., Saturdays, Sundays and holidays included.

Requirements: Associate lab technician degree or equivalent lab experience. Experience with thin layer chromatography and general laboratory procedures.

Minimum Starting Salary: \$10,500

Job Number: T438

\*Position: Technician, GR18 (Repost)

Department: Genetics and Development

Description: Provide technical and administrative support for the efficient operation of a genetics laboratory. Duties include participation in research, maintenance and ordering of laboratory supplies and maintenance of a collection of genetic strains of *C. elegans*.

Requirements: Associate's degree in biology or related field with course work in genetics. Bachelor's degree desirable. Minimum of one year laboratory experience.

Minimum Starting Salary: \$10,500

Job Number: T417

Position: Technician, GR20

Department: Agronomy

Description: Perform quantitative analysis of soils, plant tissue, water and other materials.

Requirements: Bachelor's degree or equivalent in chemistry or related science with course work in analytical chemistry. Proficiency in wet chemical preparative and analytical laboratory techniques essential. Experience with atomic absorption spectroscopy, colorimetry and other routine lab instrumentation essential. Experience with Technicon Auto Analyzers an CHN elemental analysis desirable.

Minimum Starting Salary: \$11,739

Job Number: T421

Position: Animal Technician, GR17

Department: Division of Nutritional Sciences

Description: Trained in daily care of animals in research animal facility. General cleaning and maintenance of facility. Daily monitoring and record keeping. Trained in techniques needed to assist experimenters with animal care and procedures. Monday - Friday, 39 hours per week; may occasionally include holidays or weekends.

Requirements: High school diploma or equivalent. Must achieve A.A.L.A.S. certification after one year on-the-job training. Ability to pass pre-employment physical examination. Ability to work with small research animals. Must be able to lift at least 50 lbs.

Minimum Starting Salary: \$9,967

Job Number: S413

## Part-time

\*Position: Senior Night Supervisor, GR20

Department: Circulation/Reserve - Uris Library

Library

Description: Oversee operation of circulation/reserve desk; responsible for building during evening hours; supervise work of student assistants on service desks; coordinate their efforts on variety of routines and projects, monitors their performance; assist with routine desk duties; answer questions and handle problems; oversee work of students, evaluate and assist with their training, make regular tour of building. Evenings, 25 hours per week.

Requirements: Associate's degree or equivalent. Light typing. Ability to work well with variety of people; supervisory experience; ability to work independently and to execute independent judgment.

Minimum Starting Salary: \$11,739/annual

equivalent

Job Number: C4311

\*Position: Administrative Aide, GR19

Department: Natural Resources

Description: Provide clerical support for Cooperative Extension agents. Type correspondence and reports from dictaphone; arrange meetings; send mailings. Monday - Friday, 9:00 a.m. - 3:00 p.m.

Requirements: Associate's degree or equivalent. Medium typing. At least three years work experience. Excellent communication skills required.

Minimum Starting Salary: \$11,125/annual

equivalent

Job Number: C432

\*Position: Secretary, GR18

Department: Center for Radiophysics and Space Research (CRSR)

Description: Type scientific papers, proposals and letters; answer telephone; keep files. Other duties as assigned. Monday - Friday, 1:00 p.m. - 5:00 p.m., 20 hours per week.

Requirements: High school diploma or equivalent. Business or secretarial school preferred. Medium typing. Previous office experience. Knowledge of word processors preferably with MICOM.

Minimum Starting Salary: \$10,500/annual

equivalent

Job Number: C438

\*Position: Audio Visual Aide, GR18

Department: NYS School of Industrial & Labor Relations (NYSSILR)

Description: Supply needed services from AV department to resident and extension faculty of the ILR School and, on occasion, to other units at Cornell and outside the University. Set up and operate various projectors (16 mm, slide, etc.), recorders (video and audio). 8:30 a.m. - 12:30 a.m. Monday Friday (20 hours per week).

Requirements: High school diploma or equivalent. Some college helpful. Light typing. Some experience in operation of AV equipment and office procedures (scheduling, planning, record upkeep, billing, taking orders, etc.) NYS driver's license required.

Minimum Starting Salary: \$10,500/annual

equivalent

Job Number: C437

\*Position: Office Assistant, GR17

Department: Media Services

Description: Handle mail and telephone order fulfillment operations for pesticide applicator training publications; open and sort mail; check remittances; assemble and ship orders; file completed orders; prepare cash and check deposits; prepare invoices; maintain records and files; handle service inquiries. Part-time, 20 hours per week, days and hours flexible.

Requirements: High school diploma or equivalent. Medium typing. At least 1-2 years office experience. Excellent organizational and interpersonal skills.

Minimum Starting Salary: \$9,967/annual

equivalent

Job Number: C433

\*Position: CRT Operator, GR17

Department: Veterinary Pathology

Description: Provide clerical support for two service offices and departmental administrative office. Duties include processing reports; data entry on computer. Other duties as assigned. Monday - Friday, 6-8 weeks training hours 9:00 a.m. - 12:00 p.m.; regular hours later, 1:00 p.m. - 4:00 p.m.

Requirements: High school diploma or equivalent. Medium typing. At least two years experience in computer data entry/medical terminology and clerical/secretarial skills.

Minimum Starting Salary: \$9,967/annual

equivalent

Job Number: C434

Position: Research Assistant - Plant Biochemistry

Department: Boyce Thompson Institute - Contact Department Directly - See Below

Description: Conduct experiments in study of biochemical consequences for plants of exposure to acid rain. General laboratory maintenance, inventory, use of spectrophotometer, centrifuge, porometer, IR gas analyzer. Position will run from October 1, 1984 - February 15, 1985.

Requirements: Bachelor's degree with training in biochemistry and plant physiology necessary. Lab experience desirable.

Minimum Starting Salary: Commensurate with experience

Contact: Dr. Ruth Alscher, 257-2030

## Temporary

In addition to regular, part-time opportunities, Temporary (less than six months) positions, both full-and part-time, are available. Although many openings are clerical, there are often positions offered in other areas. As Temporary openings do not always appear in this listing, please contact Staffing Services for more information.

Position: Temporary Career Counselor

Department: Career Center

Description: Provide individual vocational/career counseling utilizing vocational inventories. Part-time, temporary until April, 1985 (10 to 20 hours per week, negotiable).

Requirements: Master's degree in counseling, psychology or related field. Experience in career/vocational counseling of college students and use of vocational inventories. Please send cover letter and resume to Esther Smith by November 2, 1984.

Minimum Starting Salary: \$16,895 annually.

Job Number: P423

Position: Temporary Information Assistant, T-2

Department: Albert R. Mann Library

Description: Assist library users by providing information about the collection and services.

Answer in person and telephone questions using card catalogs, computerized information networks, indexes, reference books and other library resources; assist with technical aspects of maintaining reference and periodical room collections; may involve special projects. Part-time, temporary until May 30, 1985; evenings and weekends up to 19 hours per week.

Requirements: Bachelor's degree or equivalent experience, preferably in agricultural life sciences or human ecology. Excellent interpersonal skills and ability to work independently. Library experience desirable.

Minimum Starting Salary: \$4.00/hour

Job Number: C427

## Academic

Please contact department directly.

\*Position: Extension Associate III (Field Instructors Three Positions)

Department: Family Life Development Center, Human Development and Family Studies (two in upstate New York, one in New York City)

Job Number: A432, A433, A434

\*Position: Assistant/Associate Professor

Department: Neurobiology and Behavior

Job Number: A431

\*Position: Public Services Librarian

Department: Law School Library

Job Number: A435

Position: Assistant/Associate professor,

American Literature and American Studies

Department: English

Job Number: A421

Position: Field Instructors (3), Child Protective Services

Department: Family Life Development Center, Human Development and Family Studies

in Ithaca, 1 in New York City)

Job Number: A422, A423, A424



Neck collars like the one shown here will be seen increasingly this fall on Canada geese who are part of a migratory survey conducted in their wintering grounds.

## Survey of Migratory Patterns Uses Collars on Canada Geese

Bird watchers and waterfowl hunters have an excellent opportunity to help scientists advance the knowledge of migratory patterns of Canada geese this winter in the eastern United States.

Anyone who sees a goose wearing a yellow neck collar is urged to report the sighting to wildlife biologists in states along the Atlantic coast from New York to South Carolina.

The appeal for public help comes from Cornell University scientist Richard A. Malecki, who is coordinating a major study geared to determine the distribution, movements and behavior of Canada geese.

A wildlife research biologist with the U.S. Fish and Wildlife Service, Malecki is a member of the New York Cooperative Wildlife Research Unit located in the State College of Agriculture and Life Sciences.

Federal and state wildlife biologists in New York, Pennsylvania, New Jersey, Del-

aware, Maryland, Virginia, North Carolina, and South Carolina are trapping and marking the geese with leg bands and neck collars in a three-year effort to get a better picture of the migratory pattern of the Canada geese wintering in these states.

Begun one year ago, the multi-state project — one of the most comprehensive Canada goose studies ever launched in the nation — aims to improve the management of these migratory birds that now number about 850,000, the largest goose population on the North American continent.

Malecki reports that more than 2,000 sightings of the geese that were trapped and marked last fall and winter have come in from the states involved in the study, as well as from the New England states and Canadian provinces, such as Quebec and Ontario. More than 8,000 Canada geese have been trapped, marked, and released since the study began in the fall of 1983.

The Week in Sports

Homecoming Weekend Has Heavy Sports Slate

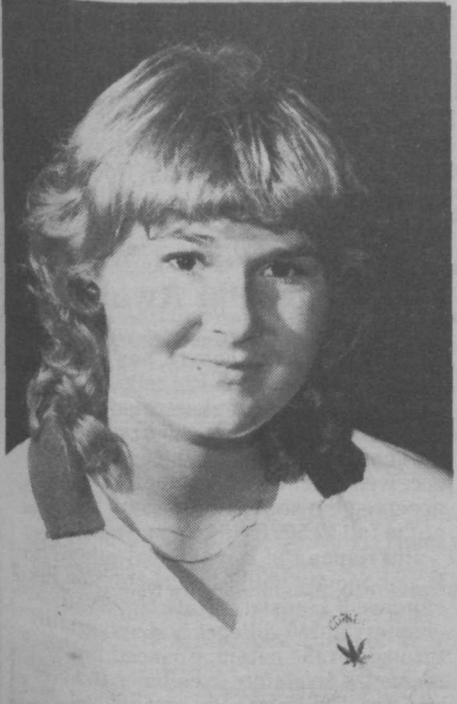
It's Homecoming this weekend for all alumni and friends of Cornell, and Big Red athletic teams welcome everyone back to Ithaca with a full slate of activity. The men's soccer team will entertain Dartmouth at 7:30 p.m. Friday under the Schoellkopf Field lights, and on Saturday a football doubleheader will take place on campus. The varsity gridders take on Dartmouth at 1:30 p.m. on the Schoellkopf turf, with the freshman squads from both schools tangling at 10 a.m. on Alumni Field. The men's soccer team has two very

important home games this week. On Friday night the Red faces the challenge of Dartmouth, a school which beat the Big Red in 1983 by a score of 2-1 in overtime. On Tuesday at 7:30 p.m. it will also entertain Syracuse. The Big Red took a 6-2 overall record into a road game with Hartwick this past Tuesday, and it is tied for second in the Ivy standings with a 2-1 mark. Dartmouth is 3-4-1 overall and 0-3 in the league after losing to Harvard this past weekend, 6-1. The two schools are deadlocked in head-to-head competition, 17-17-4.

Maguire had his best game of the season, completing 13 of 17 passes for 131 yards. His primary receiver was fullback John Tagliaferri, who had eight receptions for 77 yards. Tagliaferri was making his first start of the year, in place of the injured Mark Miller. Tailback Tony Baker also had another strong game, rushing for 70 yards on 17 carries. Baker now leads the team in that department with 419 yards on 85 carries.

On Saturday, the lightweight football team is at Penn and the women's volleyball squad participates in the Army tournament this weekend.

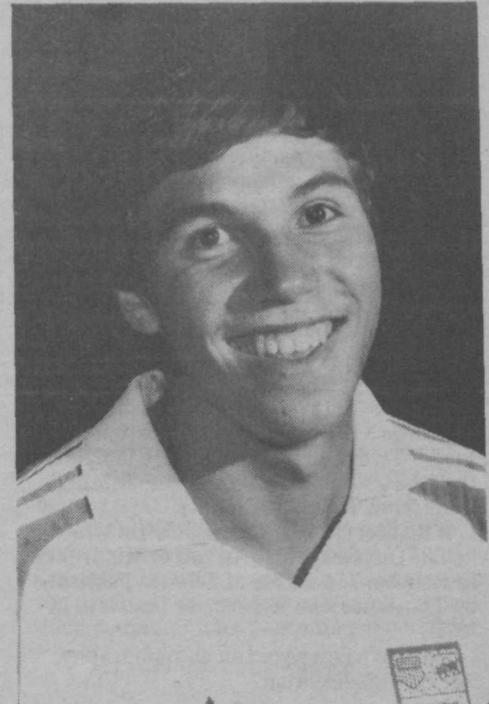
The women's tennis team competes at the New York state tournament on Friday and Saturday. The netters finished their dual match schedule unbeaten at 4-0, the first time the squad has ever had a perfect record in the fall. Sophomore Jana Klein, who went 4-0 in singles play at the No. 1 position, will lead the Red at the state tournament.



JANA KLEIN Tennis Winner

In Cornell's last Ivy action, it shut out Brown, 3-0. Sophomore midfielder Brett Gober sparked the offense with one goal and one assist. Gober now has three goals and three assists to rank second on the team in scoring; John Hastings still leads the squad with four goals and two assists. Sophomore goaltender Hugh O'Gorman now has five shutouts on the year, in addition to a save percentage of .869.

The freshman squad (0-3) lost a squeaker to Ivy League foe Princeton last Friday, 10-7, and looks to avenge a 14-10 loss to Dartmouth last season. The defense has been very steady thus far, led by linebacker Mike McGrann and cornerback Corky Webb. Offensively, quarterback Larry Hahan and running backs Larry Thelmas and Larry Griffen have played well.



BRETT GOBER Sparks Soccer Offense

On Tuesday, the Red faces a strong New York state rival in the Orangemen of Syracuse. While Cornell is currently ranked 7th in the latest state poll, the Orange are rated third. Last season, the Big Red came away with a 2-0 victory on the road. The series record currently stands in Cornell's favor at 28-12-4.

The women's soccer team has a home game scheduled against Ithaca College at 4 p.m. Thursday at Alumni Field; the team also is on the road against Yale on Saturday. The game with Ithaca College is the regular season finale for the Red. Last year, the women booters lost to IC, 2-0. Cornell just completed the toughest stretch of its schedule, as it went 2-2 against four nationally ranked teams.

The Big Red varsity football team will try to defeat Dartmouth for the first time since the 1980 season (7-3). Both teams will be looking for their first win of the year on Saturday, as each squad takes an 0-5 overall record and an 0-3 mark in the league into the contest. At Hanover last year, the two schools were tied at halftime, 10-10, before the Big Green took command of the game in the final 30 minutes to earn a 31-17 win.

The Big Red is currently 7-3-1 overall and was rated 15th in the nation heading into last week's action. Coach Randy May's squad is hoping to receive a bid to the NCAA tournament at the end of the regular campaign; the tournament field will consist of 14 teams.

In four of Cornell's five losses, the Big Red has seen a potential winning touchdown drive fall by the wayside in the closing minutes. Quarterback Shawn

Several Big Red teams are on the road this weekend. The men's and women's cross country squads will be competing at the Heptagonal championships in New York Friday. The women, who wrapped up their dual meet schedule with a 5-0 record, have the potential to finish among the top three teams in the championship race.

Progress Report on Minority Education at the University

Continued from Page 11 Associate Director Roger Richardson and other members of the COSEP office are working with students, college COSEP associates and members of other student services in strengthening and improving the assistance provided to minority students. Director Hines meets frequently with Provost Barker and Vice Provost Adams as well as with the deans and other administrators regarding the needs and concerns of minority students and staff. The Minority Education Council has been replaced by a Minority Education Advisory Council and by two steering committees, one for minority undergraduate and the other for graduate education. Each of these three groups has met at least once in the fall of 1984 to plan activities for the year. It is expected that concerns of minority students, staff and faculty can receive prompt attention by the appropriate steering committee and administrative offices. Athletics The recommendations of the trustee subcommittee have been discussed with Laing E. Kennedy, Director of Physical Education and Athletics. He is committed to the hiring of

minority coaches and other staff. An Asian male has been employed as assistant gymnastics coach, bringing the number of minority assistant coaches to three. Director Kennedy is not satisfied with this low number and has held several positions vacant as the department continues its search for women and minority staff and coaches.

novative approaches. Several recommendations have been implemented fully, i.e., making the COSEP self-help differential available to all minorities with family incomes of less than \$30,000, reorganizing the Minority Education Council and completing the renovation and reorganization of the Financial Aid Office.

'Football, track, baseball and basketball had an overall increase of 30 percent in the number of accepted minority freshmen athletes for the fall of 1984. Yield of the scholar basketball athlete continues to be very poor due to the intense competition for these players by non-Ivy League colleges.

'Most of the remaining recommendations are longer term and require continuing attention. Some of these are improved dissemination of information, better counseling, more effective recruitment, higher rates of acceptance, and higher rates of graduation. All of these goals are receiving increased effort with plans for further improvement during the current academic year. Action on a few recommendations such as the one to drop the COSEP designation on the application for admission has been deferred for one or more years.

Summary 'The report of the Trustee Subcommittee on Minority Education has been highly beneficial in pointing out deficiencies in current educational programs and support services, and in offering constructive recommendations. Perhaps the greatest value of the report is creating increased awareness among students, staff, faculty and administrators of what has been achieved, of programs requiring further improvement, and of areas needing in-

'Accomplishments during the past six months in improving minority education have been significant but no office is resting on past accomplishments. All units recognize that further improvement is possible and they are determined to make Cornell a truly outstanding university for minorities.'

Presidential Codicil Issued About Sexual Preference

President Frank Rhodes last Friday issued a presidential codicil to existing university policies, concerning sexual preference or affectional orientation. The text of the message follows: 'Cornell University remains committed to the preservation of a community established upon individual performance, freedom, responsibility, and dignity. The preservation of this community requires mutual civility and respect among all its members. 'In reaffirming this, I want also to make it clear that the university acknowledges the enactment of a local law prohibiting

discrimination on the basis of sexual preference or affectional orientation within the City of Ithaca. 'Accordingly, as in the past, the Ombudsman, the Office of Equal Opportunity and existing grievance committees will receive complaints of discrimination including any based upon sexual preference with respect to educational services rendered by the university or regarding university employment, and will take such steps as may be appropriate to remediation.'

Governor Gives Pledge

Continued from Page 3 tant as the result is the method through which we achieved it. 'The method is partnership. 'Partnership created this university — the combination of government Land Grant proceeds and Ezra Cornell's initial gift of \$500,000. 'Partnership helped make it great — the creation of statutory colleges directly supported by the state alongside the endowed colleges. 'And partnership is ensuring that Cornell maintain its greatness. 'Just consider what's happened here today: First, the announcement of the extraordinary gift by Mr. and Mrs. Samuel C. Johnson of \$20 million to the Graduate School of Management; then the announce-

ment of public and private support for a biotechnology institute. 'It's a prototype for everything we have to do as a society: individuals, businesses and government joining together to seek a common end, pooling their resources, cooperating to generate new opportunities, to create jobs and give people the education to hold those jobs. 'Here at Cornell we can see the shape of New York's future. 'I think it's exciting. I think the possibilities for change, for making this a better world — not only more prosperous, but freer, fairer, more just — are greater than they've ever been. 'And I look forward to working with you to make them happen. 'Thank you.'

# Brief Reports

## Rev. Coffin to Give Two Lectures Here

The Rev. William Sloane Coffin, senior minister of the Riverside Church in New York City, will give two lectures at Cornell University, one at 8 p.m. Sunday, Oct. 28, and the other at 4 p.m. Monday, Oct. 29. Free and open to the public, the lectures will be in the auditorium of Anabel Taylor Hall.

On the overall theme of "Biblical Faith and Political Choices," the talks will be the first annual Frederic C. Wood Jr. Lectures established at Cornell in memory of the 1954 graduate of the university who was an assistant Episcopal Chaplain at Cornell in the 1960s.

The lectureship was established by Mr. and Mrs. Frederic C. Wood, of Cos Cob, Connecticut, in memory of their son who died in 1970. Frederic C. Wood Sr. is a 1924 graduate of Cornell and a trustee emeritus of the university.

Before becoming senior minister at Riverside Church in New York City in 1977, Coffin was chaplain at Yale University for 18 years.

A leader in the anti-war movement in the 1960s, Coffin is known for his provocative sermons. He has also written articles for "The New York Times," "The Nation," "Saturday Review," and "Christian Century." Two of his sermons were included in the 1962 anthology, "Sermons to Intellectuals from Three Continents."

With Morris T. Liebman, Coffin wrote "Civil Disobedience: An Aid or Hindrance to Justice?", a series of debates published by The American Enterprise Institute in 1972.

He also has written an autobiography, "Once to Everyman."

## Hockey Ticket Sales To Public Oct. 30-31

Season tickets to Cornell men's home hockey games for both Cornell faculty and staff and the general public will go on sale Oct. 30 and 31.

Faculty and staff tickets will be sold on Tuesday, Oct. 30, beginning at 8 a.m. Only those university employees who have a faculty-staff ID or appropriate employee identification will be allowed to purchase tickets at this time. On Wednesday, Oct. 31, the sale will be opened to the general public, starting at 8 a.m.

The athletic department has increased the number of available renewable season tickets this year by adding a number of seats behind the goal to the renewable allotment.

The price of a faculty-staff and general public season ticket is \$57. Each person will be allowed to purchase a maximum of two season tickets.

There are still some season hockey tickets available in the Cornell student section. Students can bring their IDs to the Grumman Squash Courts ticket office from 9 a.m. to 5 p.m. Monday through Friday and purchase season hockey tickets at a price of \$51.50 each.

## Harlem Renaissance Subject for Lecture

Nellie Y. McKay, a fellow at the W.E.B. DuBois Institute for Afro-American Research at Harvard University, will give a public lecture Thursday, Nov. 1, on "Jean Toomer's 'Cane': Some Thoughts on Textual Definition." The lecture will begin at 4:30 p.m. in the Andrew D. White House.

McKay, who teaches in the Afro-American Studies Department at the University of Wisconsin/Madison, has recently published with the University of North Carolina Press a book entitled "Jean Toomer-artist: A Study of His Literary Life and Work, 1884-1936." This is the first major

study of one of the most prominent figures of the Harlem Renaissance.

Jean Toomer's "Cane," published in 1923, has been hailed as the "literary masterpiece" of the Harlem Renaissance. It is the most frequently studied work to emerge from the flowering of Afro-American Art and Culture during the 1920s. In many respects, it foreshadowed and represented the artistic agenda of the Harlem Renaissance. Toomer was the first writer of the 1920s to probe with depth and sensitivity southern rural black life as well as the world of black urban migrants.

## Football Breakfast Scheduled Friday

An Early Bird Breakfast will be held this Friday in the Robison Hall of Fame Room of Schoellkopf Hall on the Cornell campus. The breakfast will begin at 7:30 a.m. and is expected to end at about 8:30.

Head football coach Maxie Baughan will give a scouting report on the Big Red's game with Dartmouth to be held the following day. Laing Kennedy, director of athletics, will discuss the fall athletic program.

The breakfast is part of the university's Homecoming festivities. A continental breakfast will be served and the public is invited. No reservations will be needed.

## 'Come As You Aren't' Theme of Reading

The Theatre of Ideas will present a "Come As You Aren't Party" and poetry reading on Halloween night, Wednesday, Oct. 31, from 8 to 10 p.m. in the Memorial Room of Willard Straight Hall.

Readers will include Phyllis Janowitz, Roald Hoffmann, Dorothy Cotton, Fred Woodland, GiGi Marks and David Burak. Mark Jacoby and Jeff Eldredge, musicians, and Laura Friedman, a dancer, will also participate. A reception will follow.

Sponsors include the Willard Straight Program Board and the Creative Writing Program. The event is free and open to the public.

## November 11th Group Plans Convocation

The November 11th Committee, which is the Cornell Chapter of the United Campuses to Prevent Nuclear War, will hold a convocation at 8 p.m. Sunday, Oct. 28, in Statler Auditorium.

The session will focus on the issue of small tactical nuclear devices. The subject is titled "On the Path to War."

Speakers will be Ned Lebow, director of the Peace Studies Program; Michael Klare of the Institute for Policy Studies, and Dorothy Cotton, civil rights activist and director of student activities here.

## Writer Grace Paley To Read from Works

Grace Paley will read from her work at 4:30 p.m. Tuesday, Nov. 13, in Kaufmann Auditorium, Goldwin Smith Hall, Cornell. Her short stories have appeared in The New Yorker, Mother Jones, and many other journals. Two collections of her work are in print, "The Little Disturbances of Man" and "Enormous Changes at the Last Minute," and another is due out soon.

In addition to her writing, she is also a noted peace activist and a faculty member at Sarah Lawrence College. Donald Barthelme has written of her, "Grace Paley is a wonderful writer and troublemaker. We are fortunate to have her in our country."

Her visit to Cornell is sponsored by the B'nai B'rith Hillel Foundation, the English Department, the Council on Creative and Performing Arts, Women's Studies, and Cornell United Religious Work.

## Award-Winning Play Slated at Drummond

"Execution of Justice," winner of the 1984 Great American Play Award, will be staged at 8 p.m. Monday, Oct. 29, in Drummond Studio. This inaugural presentation in Theatre Cornell's New Works Script-in-Hand Series is free and open to the public.

Written by Obie Award winner Emily Mann, "Execution of Justice" deals with the murders of San Francisco Mayor George Moscone and Supervisor Harvey Milk by Dan White. The play was originally commissioned by San Francisco's Eureka Theatre.

The Script-in-Hand Series, which was conceived by David Feldshuh, Theatre Cornell's artistic director, is dedicated to serving as a resource to playwrights and helping to develop new texts for the American theatre.

"Execution of Justice" will be produced in conjunction with the New Dramatists ScriptShare program and directed by guest director Susan Gregg. Gregg has directed new scripts at the New York Shakespeare Festival, the Perry St. Theatre, and the Westbeth Theatre Center, among others.

Immediately following the play, Cornell Law School professors Faust Rossi and Sheri Lynn Johnson and author Mann will lead a panel discussion.

## 'Executive Forum' Explores Securities Opportunities

I. W. Burnham II, chairman of the board of Drexel Burnham Lambert Group, one of the top international securities firms, will speak here on Tuesday, Oct. 30.

Burnham, who will address faculty and students, is appearing as part of the Executive Forum series of lectures sponsored by the Samuel Curtis Johnson Graduate School of Management at Cornell. His talk — "Opportunities in the Securities Industry: Past and Future" — is at 4 p.m. in Bache Auditorium of Malott Hall, and is free and open to the public.

Now in its fifth year, the Executive Forum series brings to campus distinguished executives to discuss key managerial and economic issues.

## Freud's Relative Will Give Reading

Andrea Freud Loewenstein, author and great granddaughter of Sigmund Freud, will give a public reading from her new novel, "This Place," at 7:30 p.m. tonight in Uris 202.

Through the voices of four women, "This Place" recreates the daily life of a women's prison, compelling the reader to ask basic questions about the nature of freedom and imprisonment in this society.

The reading, which is free, is presented as part of the Women's Studies Program's Fall Public Events series. It is co-sponsored by the Cornell Women's Law Coalition.

## Women's Studies Plans Open House Nov. 1

The Women's Studies Program will hold an open house from 4 to 6 p.m. Thursday, Nov. 1, in 398 Uris Hall to acquaint Cornell students and potential students from the area with the course offerings of the program.

Courses are offered in the fields of anthropology, biology, English, history, government, linguistics, psychology, and sociology.

Faculty will be on hand to answer both general questions about the program and specific questions about courses. Refreshments will be served.

## SAGE CHAPEL

### Chaplain at Yale Will Give Talk

John W. Vannorsdall will speak at Sage Chapel at 11 a.m. Sunday, Oct. 28. His sermon topic will be, "Reformation and Risk."

Vannorsdall has served as Yale University Chaplain since 1976. He is an ordained minister of the Lutheran Church of America and served congregations in Elma, NY, and New Haven, Conn., before coming to Cornell as Lutheran Campus Pastor from 1957 to 1962. He was a chaplain at Gettysburg College in Pennsylvania for 14 years before moving to Yale.

A graduate of Harvard University and the Lutheran Seminary in Philadelphia, he also studied social ethics at the Episcopal Divinity School in Cambridge, Mass., and was a visiting scholar at Union Seminary, NY, in 1974. Since 1976 he has been the preacher for the Lutheran Series on the Protestant Hour.

## Graduate Student Wins Phi Kappa Phi Award

Brian D. Hudelson, a first-year graduate student in plant pathology, has been awarded a Phi Kappa Phi fellowship. Hudelson was one of 51 selected from a group of 166 of the nation's outstanding 1984 college graduates. Because he has received other awards Hudelson has accepted the nominal stipend of \$500 in lieu of the full \$2,500 fellowship award.

Phi Kappa Phi is a national scholastic Honor Society with headquarters on the campus of Louisiana State University and chapters at 240 colleges and universities throughout the nation. Founded in 1897 to recognize academic excellence in all disciplines, Phi Kappa Phi established its Fellowship Program in 1932 and since then has honored over 700 scholars with awards.

## Hertz Will Lecture On Literary Theory

Neil Hertz, formerly a professor of English at Cornell University and now at the Johns Hopkins University, will give two public talks on literary theory here this week.

At 4:30 p.m. Friday, Oct. 26, in Kaufmann Auditorium of Goldwin Smith Hall, he will lecture on "How Things Get Moving: Descartes and Dr. Johnson."

At 10 a.m. Saturday, Oct. 27, in Room 202 of the Andrew D. White House, he will conduct an open seminar on the common patterns emerging from the various critical investigations collected in his forthcoming book, "At the End of the Line."

His talks are sponsored by the Society for the Humanities.

## Red Cross Bloodmobile Visits Straight Nov. 1

The American Red Cross Bloodmobile will visit the Memorial Room of Willard Straight Hall from 10 a.m. to 3:45 p.m. Thursday, Nov. 1.

For an appointment to donate, call the Red Cross at 273-1900. Walk-in donors also will be accepted.

Sponsor of the visit is Alpha Phi Omega.