

Cornell Chronicle

Volume 15, Number 4

Thursday, September 15, 1983



It's the time of year when Cornell workers join area farmers in bringing in the harvest of corn.

Strong Market Helps University to a Good Year

Controller Ostrom Reports Year-End Results to Trustees

Thanks to a strong stock market, a solid fund-raising effort and tight budget management, the University had an excellent year financially in 1982-83, it was announced by John S. Ostrom, university controller.

After having fallen almost \$50 million in the previous year, the value of Cornell's endowment funds increased 43 percent to an all time high of \$486 million at June 30, 1983, the end of the university's fiscal year, Ostrom said.

The unit value of shares in the Long Term Investment Pool, which operates like a mutual fund for the university's endowments, was \$32.33 at year-end, up from \$23.12 at the previous year-end.

Total gifts were up 25 percent to \$56.7 million. The greatest increase was at the Medical College which reported \$19.6 million, up \$7 million over last year.

Ostrom noted that the gift totals in the financial statement are not identical to the \$61.5 million recently announced by the Office of University Development because of differences in timing between the reporting and receipt of gifts.

Additions to endowments and funds functioning as endowment were \$18 million, a substantially greater amount than in the past several years, he said.

All three major divisions - endowed Ithaca, the statutory colleges, and the Medical College in New York - reported current operations were above or close to breakeven, Ostrom said. Current unrestricted fund balances increased \$6.5 million - \$500,000 for endowed, \$6.1 million for the Medical College, principally from

the net revenues of the faculty practice plan, and a decrease of less than \$200,000 for the statutory units.

Nearly \$12 million of current funds, given principally for restricted purposes, were transferred to plant funds for construction and renovation projects. The largest amount of these transfers was \$9 million for the new geological sciences building now under construction.

In addition, \$2.7 million of current funds were set aside for investment, principally by the statutory colleges. Income from these funds will support future operations, Ostrom said.

While the year showed the university in a strong financial position, Ostrom indicated the need for caution. "Most other major research universities began experiencing a decline in funds for sponsored research as early as 1982," he said. "While Cornell's position seems strong, the future directions of federal funding are not clear.

"Additionally, the reductions in state funding for the statutory colleges which took effect in the spring will place considerable pressure on their operations during the current year. There is a sense that

we have survived successfully another difficult year in an era of constant fiscal strain. The balancing act between revenues and expenditures continues to be a tenuous one we will hope to be able to maintain."

One area where results were mixed was in sponsored research, Ostrom said. Reflecting changing directions in federal funding, the university had expected research volume to decrease significantly during the year.

"However," he said, "final numbers showed the total sponsored volume almost identical to the prior year. Experiencing a modest upturn in the fourth quarter, volume was up slightly for endowed Ithaca and down modestly for the other two divisions."

Endowed Ithaca reported an increase in unrestricted current fund balances of \$533,000, a decrease of \$500,000 from the level projected at the end of the third quarter. The major reasons for this decrease from prior estimates were an increase in expenditures of \$950,000 over prior estimates as departments absorbed funds saved from prior years' budget operations. These were offset in part by an increase in indirect cost recoveries over

the estimated level, and a reduction in the costs of utilities due to favorable weather and energy conservation measures.

For the fourth consecutive year, the Medical College's operating budget was in balance, Ostrom noted. Major factors cited were continued growth in the next revenues from the faculty practice plan, a 25 percent increase in the tuition rate, investment income above projection, and increased indirect cost recoveries from private sources.

While federally-funded research levels were down, support from private sources increased 15 percent. Revenues of the faculty practice plan were approximately \$5 million in the month of June and totalled \$51 million for the year.

The statutory colleges operated practically at breakeven with current funds decreasing only \$167,000, Ostrom said. While total revenues for the statutory colleges were up \$6.7 million to \$154.5 million, externally-sponsored research was down.

"Like the endowed, the rate of decrease in sponsored research, slowed in the fourth quarter and indirect cost recoveries were above the level projected at March 31," he said. "The 1982-83 operating results were aided by authorization from the state for the use of \$1.9 million of appropriations from overpayment of utility costs in the prior year. These monies were used to cover projects for upgrading utility systems and to cover a portion of the costs of accessory instruction provided by the endowed colleges."

'In Transition'

That's what we're calling a special four-page pullout section in the center of this issue, which deals primarily with employee news. For an explanation of future plans that involve both the Chronicle and Networking, and plans to put complete Job Opportunities in Chronicle each week, turn to page 5.

Sharing the Wealth of a University's Knowledge

Hoffmann Outlines His Committee's Direction

In a talk before the Ithaca School District teachers last week, Roald Hoffmann, chairman of the university's new Committee on Education and the Community, outlined a system for sharing effectively "Cornell's intellectual resources—scientific, humanistic, artistic—with the academic programs of several nearby school districts."

Hoffmann, Nobel laureate and the John A. Newman Professor of Physical Sciences, and professor and chairman of chemistry, spoke of a series of meetings that had been conducted on campus over the summer, largely through the leadership of David Burak, which had drawn together Cornell educators and many members of the community, inside and outside of public education.

He said that the committee hopes "to provide an exportable model for such interactions elsewhere in the state, or in the nation, transferable to other colleges and universities and their neighboring schools."

Here are some of the points he made in his talk:

"Laboratory and research equipment is present in abundance at any major research institution. We hope to facilitate the transfer of equipment which may no longer be state-of-the-art, but is still useful for instructional purposes at the secondary and/or primary level.

"We have benefited much from the advice of Ithaca area teachers and administrators in thinking of programs that are useful and feasible. Nancy Ridenour, an IHS science teacher has, for instance, written in a letter to us of certain areas in which interaction is needed....

"School-wide and Department speakers: We intend to make a listing of Cornell people willing and interested in speaking at the high school. And more importantly we will help you convince the speakers you think are interesting to come down and talk to your students. We also intend to plan, in cooperation with the schools, for a series of lectures in which a speaker would be brought expressly with the intent of giving one talk at a school or in the community and another at Cornell....

"Some of you have taken your students on field trips to Cornell. We will do our best to facilitate these trips, help you plan them, help you find the people willing to show a laboratory or share their expertise in a subject area with you. George Stevens, a Lansing Chemistry teacher, has also suggested that we 'coordinate with BOCES and/or individual school districts to make use of already scheduled conference days ... for committee meetings and special programs.' We have already undertaken some efforts in this regard and will pursue them further in the near future. For example, Don Hickman, the superintendent of the Newfield School District, has requested



Before his talk at Ithaca High School, Roald Hoffmann (left) chats with Nancy Ridenour, Ithaca High science teacher, Joel Radin, assistant superintendent of schools, and David Burak, who is staff person for the university's Committee on Education and the Community.

the participation of Cornell faculty in Newfield's October teacher training workshops, especially for elementary teachers who have little background in science education....

There are hundreds of lectures and cultural activities at Cornell. Many of these have immense potential as supplements in the teaching of children, or with sufficient advance notice could be made an integral part of the teaching experience. Think how important it would be to a teacher planning to read a Shakespeare play to know that the Cornell Theater is going to put on specifically 'Macbeth' in the spring....

"The knowledge of foreign languages is disastrously inadequate in this country of immigrants. The problem is very close to my heart, so let me expand a little on the subject. As you know I am a scientist. In my daily work, every time I go to the library I continue to encounter articles in Russian, German, and French. Because I'm fortunate enough to know these languages I manage to stay a good three to six months ahead of many of my colleagues. English has indeed become the modern Latin, the international language of scientific scholarship. Nevertheless a significant fraction of the literature we use in science is in foreign languages, and a six month delay in waiting for a translation can mean a generation in an active field.

"There are so many other reasons to support the study of foreign languages in the U.S. Americans must face the world—

as tourists, as hosts to tourists, as businessmen and women. Knowing only English we make a bad impression and we fail to sell effectively the products of our labor. Second, we become better human beings by partaking of the literature of the world, of our cultural heritage, in any of the languages that have influenced us. Third, we appreciate better the wealth and strength of our language, its refinements and subtleties, by learning a language that is related to ours. Fourth, the very process of learning a foreign language, just by being difficult, makes us appreciate better, makes us sensitive to, the problems of the immigrants that continue to reach our country. We share in their (temporary) handicap....

"The Committee and Cornell feel a special commitment to the minority community. Cornell students can serve as role models to those black students making up their minds about their careers. The broad international community of Asian, African, and South American visiting scholars, and researchers at Cornell can serve a similar function....

"We are thinking about instituting a series of Saturday workshops-lectures for high-school students and teachers. The idea is that an expert in a field might give a presentation on his or her work. It would be preceded by a lecture by another person on the principal lecturer's work and field, building up background, and putting things in perspective. A discussion might follow the main lecture....

"We are planning for a series of summer workshops for teachers. Some of these will be in subject areas, some on the methodology and philosophy of the educational process....

"We know that education is hard work and not razzle-dazzle. But occasionally it is useful to focus attention on education in the same way that we as a nation, for better or for worse, look at the Super Bowl or the Oscar Ceremonies. There are approximately 15,500 elementary and secondary students within a 10 mile radius of Ithaca, many of whom would not benefit to a desirable degree from the programs offered to the above-mentioned districts - i.e., Ithaca, Lansing, and Newfield. We are looking into the possibility of having some sort of Education Day or Fair at Cornell, either this fall or next spring, where we would invite groups from as many surrounding schools as would be logistically feasible. This Education Day would consist of a number of panels, lectures, seminars, laboratory demonstrations, performances and such. We would involve many different departments and colleges doing on a larger scale what the Agricultural College used to do with its Farm and Home Days and what the Vet School and Physics Department do with their open houses....

"Many of our programs are best suited for the high school student. This is natural, given the demands of experience and maturity that the university makes on its own students for whom it structures its lectures and other offerings. But we want to reach the elementary school students and we need your advice on how to do this. Second, it is clear that the natural mode of many programs we mentioned is one of enrichment, augmenting your offerings. The opportunities we will offer are likely to be taken advantage of by your best students. Yet I know that your primary consumer, the focus of your energies, is not necessarily your best student but the average student, the one who needs to be brought up, educated. What could we do to help you in this part of your educational life? Give us your ideas."

Fall-In Festival Planned Oct. 1

Cornell Plantations' 1983 Fall-In Festival, which features demonstrations relating to plants and landscaping, as well as cooking and clothing of the past, will be from 10 a.m. to 5 p.m. Saturday, Oct. 1 at the F.R. Newman Arboretum.

Booths and exhibits will be arranged around the ponds in the arboretum by local exhibitors and others from around New York state. In addition there will be music and other entertainment, free balloons, food, including chicken barbecue and wagon rides.

The Plantations first started holding Fall-In Festivals over a decade ago and they quickly became popular with upstate New Yorkers. By the time of the last Fall-In, in 1976, 10,000 people attended; and although it has been six years since the Plantations sponsored the festival, it remains a favorite event, demonstrated by the many people who have called to say they are glad Fall-In is coming back.

Among the themes of this year's Fall-In is "cottage industries." These activities, which include textile-making and natural dyeing, were traditionally done as an economic necessity in homes in colonial days

and the nineteenth century, and are continued today for more creative reasons.

A group called the Black Sheep Hand-spinners Guild will be on hand to demonstrate methods of hand-spinning wool, flax and other fibers. Guild member Jean Currie says members of the guild will demonstrate the use of a drop spindle, a small hand-held instrument that spins like a top and is used alternately to spin and wind fibers.

Fall-In will also present a diverse array of exhibits ranging from quick artist's sketches of home landscaping, to demonstrations of colonial cooking, and many other displays about plants. The Plantations cordially invites anyone interested in plants and their uses to take part in the fun.

The Cornell Plantations arboretum is located east of the Cornell campus along Route 366. Fall-In parking will be in Cornell's "B" lot on route 366 across from the apple orchard. Free transportation will be provided by busses from the parking lot every ten minutes. In case of rain, Fall-In will be held Sunday, Oct. 2. For more information about Fall-In, or the Plantations, call (607) 256-3020.

Cornell Chronicle

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

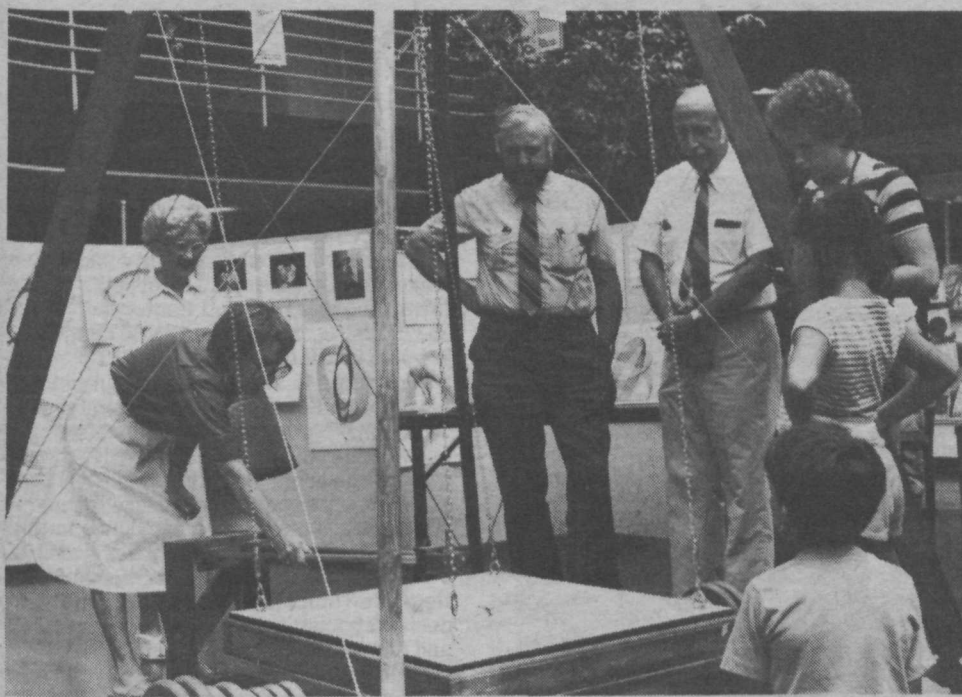
(USPS 456-650)

Published weekly during the academic year and once each in June and August. Distributed free of charge to Cornell University faculty, students and staff by the University News Bureau. Mail subscriptions, \$13 per year. Make checks payable to Cornell Chronicle and send to Editorial Office, 110 Day Hall, Ithaca, N.Y. 14853. Telephone (607) 256-4206.

Second-Class Postage Rates paid at Ithaca, N.Y.

POSTMASTER: Send address changes to the Cornell Chronicle (USPS 456-650), Cornell University, 110 Day Hall, Ithaca, N.Y. 14853.

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.



Board members of the Science Center project watch as a quadrifilar pendulum is placed in motion at Center Ithaca. Suzanna Spitz places the arm with a marking pencil down on the moving platform, with some of the designs created by the pendulum in the background. Looking on at center right are William Bassett (left) and Walter Lynn, and Lynn's son Michael.

Science Discovery Center

Cornellians Active in Local Group

A display in Center Ithaca's atrium of a quadrifilar pendulum is only one of many planned activities of the Science Discovery Center of Tompkins County.

This new local initiative to help in the understanding of science, which has the support of area schools, has strong representation from Cornell on its board.

Vice president of the organization is William Bassett, professor of geological sciences. Other board members include Walter R. Lynn, director of the Program on Science, Technology and Society, and Larry I. Palmer, vice provost.

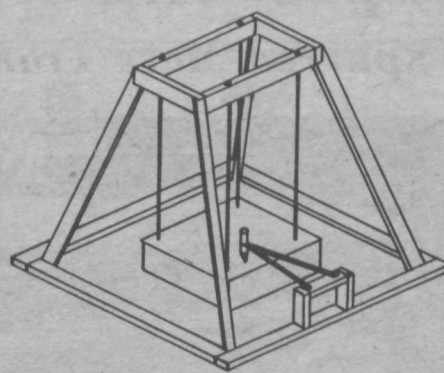
The group's goal is to open a participatory science center somewhere in central Ithaca by September 1984.

According to the organization's brochure, such centers in small communities are taking their inspiration from

the larger museums of science and technology in such cities as San Francisco, Chicago, Boston and Toronto, "but are appropriately modest in size and scope and can be uniquely suited to local resources and needs."

The group plans a series of participatory, "hands-on" exhibits, with each one illustrating a fundamental principle or phenomenon and requiring some thought and action on the part of the observer. The action can take many forms, from speaking commands into a telephone to climbing into a large kaleidoscope.

The organization is currently seeking financial support throughout the community and also hoping for additional help from members of the science and engineering faculties at the university.



Quadrifilar Pendulum: What It Does

In simple terms, this is a swinging machine that can move in two different ways. Like a playground swing, it can —swing back and forth and —twist on its ropes.

To build the machine these two forms of motion have to be controlled so that they happen simultaneously or together. Each type of motion can be controlled in an entirely different way.

—Swinging—By changing the length of the ropes, the swinging speed or period can be controlled easily and precisely.

—Twisting—The pendulum table is built to be very heavy. This stuff (called mass) can be arranged in the table in a lot of different ways. By moving the heavy stuff close to the center of the table, the twisting happens faster. Like a figure skater, if the mass (the skater's arms) is moved outward the turning motion slows down.

When the twisting and swinging happen at different speeds, the pattern falls apart. When these two types of motion are in sync (happen at the same speed), beautiful patterns result, showing a record of its motion.

New Computer Equipment Is Authorized

The purchase of \$1.2 million in video display terminals, personal computers and associated equipment has been authorized by the University Board of Trustees.

Meeting Tuesday in Ithaca, the Executive Committee of the Board of Trustees approved acquisition of the instructional and administrative computing equipment by Cornell Computer Services.

Some \$600,000 will be spent to purchase 40 terminals, 48 personal computers plus communications equipment, and to remodel work space in Sibley, McFaddin and Clara Dickson Halls. Students using the workstations will be able to work independently on problems requiring personal computers or to communicate interactively with Cornell's main frame computers. The equipment purchase and remodeling work is part of a Computer Services plan to increase instructional computer terminals at a rate of 100 per year. With the installation of the new machines in 1983 and 1984 there will be 300 personal computers and interactive terminals available for student use on the Ithaca campus.

An additional \$300,000 will be spent to purchase IBM 3370 and 3380 direct access storage devices. The disk storage devices, which provide 2.5 gigabytes of storage, will be used for administrative and academic computing.

Some \$300,000 in IBM 3270 video terminals and data communications equipment will be purchased by Cornell Computer Services, then leased to administrative users on the campus. The equipment will be used for new administrative systems now going into production or under development over the next 10 to 12 months.

College Information Session to Aid Employee Families

The fourth annual College Information Session for university employees will be conducted by Cornell admissions and financial aid officers at 2 p.m. Sunday, Sept. 18, in 120 Ives Hall.

The program is designed to inform children of Cornell faculty and staff about the college admissions and financial aid processes, both at Cornell and at other institutions.

The program, aimed at high school sophomores, juniors and seniors begins with a general information session. Milford Greene, associate dean of admissions, opens the session speaking on the college exploration process.

A panel of Cornell students will describe their experiences, and Adele Feierstein, personnel assistant, will discuss the Cornell Children's Tuition Scholarship Program.

After the general information session, families may attend two additional sessions, the first from 3:10 to 3:50 p.m. and the second from 4:00 to 4:40 p.m.

Representatives from Cornell's seven colleges will discuss their respective schools, and families may attend these presentations during one or both of the information sessions. Financial aid representatives will make presentations at both the 3 and 4 p.m. sessions.

A special introductory session for high school sophomores and juniors will also be held during the first information session. The presentation will cover basic college exploration issues such as the importance of SAT scores, the value of SAT coaching courses, college interview preparation and high school college-preparatory courses helpful in applying to selective colleges.

Four New Professors-at-Large Are Named

Three British Academics, One American Join Select Group

Three British academics and an American historian of photography have been elected Andrew D. White Professors-at-Large by the University Board of Trustees for six-year terms.

Elected were David R. Cox, professor of statistics at Imperial College of Science and Technology in London; Sir Kenneth J. Dover, a classics scholar, president of Corpus Christi College, Oxford University, and also president of the British Academy; John Szarkowski, director of the department of photography at the Museum of Modern Art in New York City, and Harold William Woolhouse, professor of biology at the University of East Anglia, and director of the John Innes Institute, one of Britain's most prestigious horticultural institutes. Both institutes are in Norwich.

Announcement of the members, whose appointments were effective as of July 1, was made by the program's new director, Jon Stallworthy, the John Wendell Anderson Professor of English. He succeeded Vinay Ambegaokar, professor of physics, who completed a five-year term as director on June 30.

The Professors-at-Large Program was founded in 1965 to give "Cornell's intellectual and creative community direct access

to talents from all parts of the world."

There are 20 holders of the prestigious professorships at any one time. Professors-at-Large visit the Cornell campus periodically giving lectures, seminars and engaging in informal dialogues with students and faculty.

Cox is considered the most distinguished statistician active in the United Kingdom, and a world authority in statistical theory and applied probability. He has made outstanding contributions to survival distribution theory and application, stochastic processes, renewal theory, theory and applications concerning binary data, sequential experimentation, testing of complex hypotheses, medical statistics, and many other statistical areas.

He has been professor of statistics at Imperial College and editor of "Biometrika" since 1966. He was elected a fellow of the Institute of Mathematical Statistics in 1956, fellow of the American Academy of Arts and Sciences in 1974, vice president of the International Statistical Institute during 1977-79, president of the Bernoulli Society for Mathematical Statistics during 1979-81, and president of the Royal Society for Mathematical Statistics during 1980-82. His books are

considered landmarks in statistical literature. They include "Theoretical Statistics," "Applied Statistics," "Queues," "Planning of Experiments," "Renewal Theory," and "The Analysis of Binary Data."

Sir Kenneth Dover is considered by many as the world's most distinguished scholar in the combined areas of ancient Greek literature, historiography, morals, and society. He has produced major editions or interpretive studies of historians, poets, dramatists, and orators. From 1955-76, Sir Kenneth was professor of Greek at the University of St. Andrews, and during the years 1960-63 and 1973-75 he served as Dean of the Faculty of Arts at St. Andrews.

He taught one year as a visiting lecturer at Harvard University and, in 1967, delivered the prestigious Sather Lectures in Classical Literature at the University of California at Berkeley.

He was president of the Society for the Promotion of Hellenic Studies (1971-74) and the Classical Association in 1975. He was knighted in 1977.

In 1979 he was named a foreign honorary member of the American Academy of Arts and Sciences and a foreign member of the

Continued on Page 8

Cornell Helps Sponsor Countywide Bus System

Rising Fuel Costs Have Spurred Mass Transit Push

A professor in the College of Veterinary Medicine solved the problem of getting from Dryden to the Cornell campus several years ago, when the cost of fuel skyrocketed and parking space on campus began to come at a premium in both money and search time.

He simply started getting up at 4 a.m. and jogging or riding a bike to and from work, depending on his whim and that of the weather.

However, this individualistic approach is not to everyone's liking. As a viable alternative, the university has played an integral role over the past few years in the development of an intra-county bus system that services Cornell and other key areas, including downtown Ithaca, Dryden, Tompkins-Cortland Community College, Ithaca College and now Groton.

The impetus for areawide transit services first produced results in 1979, when the Northeast Transit system began operations with seven sponsors, including Cornell, the City of Ithaca, the Villages of Lansing and Cayuga Heights, and several landlords. The NET has become well-used by many Cornell-bound students and staff members, growing from a one-route peak hour service carrying 2,283 passengers per month to an all-day service with two routes averaging 9,000 passengers a month. Swarthout & Ferris is the operator of this suburban service.

In 1981, the East Ithaca Transit was initiated by the university in time to carry Cornell staff to and from East Hill Plaza after several university operations moved to that location. The EIT provides commuter service to the Eastern Heights section of the Town of Ithaca and shuttle service between the main campus and university offices and housing in the East Ithaca area.

According to William E. Wendt, director of Cornell Transportation Services, ridership on the EIT system exceeded expectations and Cornell and Tompkins County planners began to believe that a rural transit system had the potential for success in the county.

Wendt said Cornell was the logical operator and found the service to be of significant importance to both the university and surrounding communities.

Following the success of the EIT, the Ithaca-Dryden Transit was implemented under the Tompkins County TOMTRAN program, with Cornell University as the operator. "The IDT is the first rural service of the TOMTRAN program and proved a solid success in its first year of operation," Wendt said. The success exceeded the expectations of planners to the extent



C. William Crissey, left, manager of C.U. Transit Inc. and driver Ronald Brown, are seen after inspecting one of two new TOMTRAN buses which arrived on campus this summer in time for the start of the Ithaca-Dryden TOMTRAN route which started up again Sept. 1 after a summer hiatus.

service has been dramatically extended this year to include commuter service to Groton and nighttime service to the northeast, east Ithaca, and Dryden/TC3.

"We're very excited about the high ridership on the IDT. More than 5,000 passengers ride the bus each month from the Dryden area, and more than half of these people are Cornell-affiliated. We had anticipated 60,000 passenger trips during the first year; we expect 90,000 during the second year."

The success of the IDT is due to the market-oriented schedule that has been developed by the county planners working with the staff of Cornell's Office of Transportation Services. The route links "traffic generators or popular destinations" at each end. The schedule has been designed to get passengers to work or study at Cornell, downtown, or TC3 on time. The many hours spent in researching commuting patterns, demographics, class schedules, hours of work, and attitudes has paid off, Wendt said. Another important concept has been tailoring the type of service to the market; a subscriber-type van service may be successful where a typical bus schedule would fail. For example, Caro-van, another TOMTRAN program, is just such a service running daily from Newark Valley through Caroline to Cornell, Wendt said. Caro-Van will expand service to other areas eventually.

The planning and operation of areawide transit has taken considerable time and

effort on the part of staff at the Cornell bus garage. Several new staff members have been hired and the garage has been expanded. Additionally, state regulations led to the reorganization of the Campus Bus Service as CU Transit, Inc. on July 6, 1983 in order to operate public transit as a contract carrier in New York State.

"This past year has been a very hectic and demanding time for us at the bus garage," said C. William Crissey, manager of CU Transit. "I'm very pleased with the solid ridership on the IDT, and I'm looking forward to providing nighttime service. We've had a lot of requests every year from people who leave the libraries and labs late in the evening and want to get home without the bother of driving and parking."

Evening service was initiated September 6 on runs between Ithaca and Dryden and TC3 as well as on the East Ithaca and Northeast bus lines under the auspices of TOMTRAN, with Cornell University as operator.

This nighttime service is a particularly dramatic increase in transit services, Crissey said. Bus service is now available during the evening hours on the Cornell campus with the Blue Light Bus, in Ithaca on Ithaca Transit's Route 2 A, to the northeast area of the Town of Ithaca on the NET route, East Ithaca, and Dryden/TC3.

The IDT fall schedule began August 29 with commuter service to the Village of Groton in addition to its regular stops at the Pyramid Mall, the Villages of Lansing,

Etna, Freeville, TC3 and of course Dryden.

Detailed schedules of all bus routes and services throughout the county and City of Ithaca can be obtained at Cornell's Information and Referral Center in Day Hall, on CU INFO or by calling TOMTRAN at 274-5286 or CU Transit at 256-3782.

According to Wendt, a key figure in the development of the TOMTRAN network, Tompkins County will see an increasing bus network throughout the county. He described the origins of the TOMTRAN program as a study done by a Cornell University professor, Arnim H. Meyburg, in the mid-1970s. The study established needs and demands and proposed possible transit options for Tompkins County. The county decided transit service was a legitimate and necessary function of the County Planning Office.

The late-seventies energy crunch, Wendt said, brought the issue up with some urgency. A large number of the workers in Tompkins County commute long distances and found it increasingly difficult to get to work. As the largest single employer in the area, Cornell saw a necessity to be involved in the planning and development of transit services, he said.

The EIT was a turning point. The university became committed to being an operator of public transit, Wendt said.

Meanwhile, funding sources became available as NYS increased its transit assistance by some 600 percent and a federal grant was approved for \$426,000 to TOMTRAN. In total TOMTRAN has received some \$900,000 in federal and state funding.

"There are several reasons why Cornell became heavily involved in this program," said Wendt. "Transit service is an effective way to serve the surrounding community as well as our own employees. The availability of moderately priced housing in the Dryden corridor is beneficial to both employees and students. We've seen the demand for parking on campus drop about 5 percent in the past year."

Additionally, planners were convinced of the viability of a transit network and this program gave them the opportunity to try out the concept in practical terms.

"This long-term project has turned out very well and continues to be an exciting process and rewarding for all of us who are involved," said Wendt.

Comment

About the Two Chinas, and a Headline

Editor:

I am writing to call your attention to what appears to be an oversight but what is actually a significant mistake in the September 8 issue of the Cornell Chronicle.

On page 8, an announcement of study opportunities in the People's Republic of China is headlined "Exchanges available to Republic of China." This is incorrect. Translated from Chinese the name for mainland China (romanized as Zhong Hua Ren Min Gong He Guo) is "The People's Republic of China" whereas the name for Taiwan (Zhong Hua Min Guo) translates as "Republic of China." Therefore, the announcement concerning exchange opportunities in mainland China has actually been labeled "Exchanges Available to Taiwan." According to mainland Chinese, the "Republic of China" ended in 1949 as

the Communist Party came to power. The Taiwanese, on the other hand, don't recognize that the "People's Republic of China" ever existed.

I assume that "People's" was omitted from the headline to preserve appropriate terseness. However, for Chinese, students of China, and all those who appreciate the tension caused by the coexistence of the Communist and Nationalist regimes on either side of the Taiwan Straits, this confusion of terms is a serious error.

Saul S. Gitlin
College Scholar (Chinese Language)
Arts and Sciences 1984

Editor's note: Several others have made the points outlined here. We regret that the problem of a headline fit has contributed to the confusion on this issue, and stand corrected.

Experimental College Course List Covers a Broad Range of Interests

A veritable smorgasbord of Terpsichorean delights awaits in this year's assortment of courses being offered by the Experimental College.

This program, sponsored by the Department of Unions and Activities, offers short, informal, non-credit courses to students, faculty and staff and the general community.

In alphabetic order, the variety of dance courses includes aerobic dance, aerobizize, ballet, ballroom, belly dancing, dancercise, folk dancing, jazz dance, jitterbug, modern dance, survival dance and theatrical dance exercise.

There are also courses in both regular massage and holistic massage, in the Roling Experience, t'ai chi ch'uan, yoga kundalini and yoga and meditation for women, amateur radio licensing, bridge playing, auto mechanics and photography.

In the food and drink area, there is bartending, cheeses of the world, holistic cooking and nutrition, vegetarian cooking and wine selection.

Listed under special interests are an appearance effectiveness workshop, creative writing, a course on emotional crisis (how to assess it and how to respond) and one that explores steps toward an alternative society.

More information on times, fees and course descriptions is available at 535 Willard Straight Hall, or by calling 256-7131.

An Updated Look at Health and Safety at Cornell

Cooke, Now Director, Outlines Activity

This is the text of a letter sent to all Cornell employees this week by W. Donald Cooke, director of occupational health and safety programs: Dear Fellow Employees:

Early this year I wrote to you about the status of Cornell's Right-to-Know Program. The purpose of this letter is to update you on progress with this program as well as on some broader aspects of health and safety. When I sent the last letter, I did so as vice-president for research in which post, among other duties, I had ultimate responsibility for all health and safety programs on campus. In July, I was appointed to a newly created position of director of Occupational Health and Safety Programs.

The Office of Environmental Health continues to expand, having added five new staff members since January. One of those appointed was Dr. Robin Goodloe who is now the Training Coordinator for the Right-to-Know Program. We are now searching for still another Environmental Health Specialist to aid in the Right-to-Know Training Program. In addition, Carol Weiner, a specialist in occupational medicine, has been appointed to a new position in Gannett Health Center and will be closely associated with the Office of Environmental Health. One of her roles will be to coordinate occupational health programs in the university.

We have completed training sessions for a majority of the services and maintenance employees with the remainder scheduled to be completed this fall. We have received positive comments on this program and, based on employee input, are refining and adapting the programs to specialized needs.

A health and safety training program, specifically developed for research technicians, will begin this fall. These presentations go beyond the requirements of the Right-to-Know Law and include other aspects of laboratory and general workplace safety. Due to the magnitude of the task and the lack of models to go by, these programs have been time-consuming in development. For example, after searching the country for appropriate audiovisual material it was found that none met the requirements of the Law or satisfied the needs of the university technicians and researchers. Therefore, it was decided to develop our own material. This material has been produced with the aid of toxicologists and chemists on campus and

involved advisory committees of 17 research technicians. The input of these researchers was most important in establishing the direction of the programs. The program for research personnel will be two to three hours in length.

A training program has also been developed for office and clerical workers. In addition to Right-to-Know training, the presentation includes other aspects of office safety such as information for video display users.

We have committed substantial resources to these important projects and will continue to do so. We believe that the programs developed at Cornell are unique in the state and that we are in a leadership position in complying with the Right-to-Know Law. It is Cornell's position that knowledge about toxic materials in the work place is in the best interest of both employees and employers in the State, and it is our intention to have a program which is second to none.

The university's concern for health and safety goes beyond the Right-to-Know Law since there are many aspects of health and safety which are not covered by this particular statute. Safety in the working place is an important part of our planning, and to this end we have hired a consulting firm to help us with this planning. An indication of the effort is the fact that in 1982-93, the University spent almost 3 million dollars (\$2,944,753) on capital and maintenance projects which were related to health and safety.

I would like to remind you of the Health and Safety Council which was established last year to assure a ready access to procedures for resolving health and safety concerns in a timely and effective fashion. The council has responsibility for reviewing health and safety concerns which are not resolved at the departmental level. The members of the Council are appointed by the Employee Assembly, the Student Assembly, the Faculty Council of Representatives and the President of the University. The chairman of the Council is Noel Desch, 625 Clark Hall.

The Office of Environmental Health responds to many inquiries and stands ready to answer any questions you may have. In addition, as director of Occupational Health and Safety Programs and Chairman of the Health and Safety Board, I will be happy to try to address any of your concerns.

W.D. Cooke, Director
Occupational Health and Safety Programs
Baker Laboratory (256-4174)

In Transition

This pullout section of Chronicle this week is in the place that will be reserved every two weeks in future editions for Networking, as is explained in the letter below. This week it also includes the complete jobs list, which will be a regular part of the Chronicle every week from now on.

Letter to Employees Outlines Changes in Networking

A new direction for Networking as part of a coordinated internal communications program was announced in a letter to all employees this week, signed by Mary B. Jamison for the Networking Editorial Board; Lee M. Snyder, director of University Personnel Services, and Gilbert P. Goetz, director of University Relations.

Here is the text of the letter:

"We are pleased to announce that on September 29, 1983, Networking will appear in a four page bi-weekly supplement to the Cornell Chronicle. This insert will be a cooperative effort among the Department of University Relations, the Networking Editorial Board, and University Personnel Services. Its intent is to provide a continuous avenue of communication to and among Cornell employees.

The main news section of the Chronicle will remain basically unchanged. Each week, in direct response to a need identified through the recent Employee Attitude Survey, the Chronicle will also publish the complete Job Opportunities List, including descriptions, requirements and hiring ranges of positions, beginning September 15.

Many of you are familiar with Networking. This monthly newsletter, written by employees for employees, appeared as a separate publication in the past. Its Editorial Board has agreed that, effective September 29, it will provide material for the new insert. The last separate Networking issue on September 15 will contain an editorial explaining the reasons for the decision. On the same date, there will be a special insert in the Chronicle.

Thereafter, on September 29, Networking will be a part of the insert, published bi-weekly. You can expect that Networking will continue to provide material involving employees, regular features on the activities of the Cornell Recreation Club and the Employee Assembly, as well as other articles of interest. It will continue to produce its annual holiday issue, conduct the popular employee contests, and cover employee elections.

From University Personnel Services, and from other departments whose activities affect your employment, there will be regular information on various aspects of your work life at Cornell. A special series is planned to address the areas of major concern identified in the Employee Attitude Survey, reviewing such topics as career opportunities and employee educational programs.

We hope that a regular question-and-answer column in the bi-weekly insert will become a popular feature, and that you will use it to get prompt and understandable answers to the many questions concerning your employment at Cornell.

By this step, taken in response to the Employee Attitude Survey, we can utilize the existing Chronicle distribution mechanism to offer Cornell employees maximum convenience. For the first few weeks, we will be working together on a trial basis.

All of us expect that changes will occur during this 'shakeout' period, but we hope that the experiment will result in a greatly improved internal communications program for Cornell employees. In the meantime, we welcome your suggestions and comments."

Employee Day Ticket Sales Until Friday

Reduced priced tickets to the Big Red/Cornell football game Sept. 24 as part of Cornell Employee Day activities are still available through 5 p.m. Friday at the Grumman Hall Ticket offices, across from Teagle Hall.

As part of the ninth annual Cornell Employee Day, all employees—including part-time and full-time staff and faculty, as well as retirees—may purchase up to four tickets each at \$2 apiece for the game, scheduled for 1:30 p.m. at Schoellkopf Field.

In addition, separate tickets to a chicken barbecue in Barton Hall to follow the game are on sale at the ticket office at \$2 each.

Also, discounted tickets for employees to the Cornell Soccer Classic Tournament are available through 5 p.m. Friday. Two games will be played on Schoellkopf Field on Employee Day at 6 and 8 p.m.; Cleveland State vs. Brooklyn College, and Cornell vs. Massachusetts.

Toxic Substances Trainer Starts by 'Inventorying'

Major Task Is to Identify Thousands of Substances

Poking through broom closets and storerooms isn't what Robin A. Goodloe expected to be doing when she accepted the position of training coordinator for Cornell's toxic substances training program, but that has turned out to be an important part of the job.

Before university employees in the hundreds of different on- and off-campus workplaces can be trained in the safe use of common and exotic chemicals, someone has to inventory the materials at hand. Those someones — as Cornell attempts to become a model of compliance with one of the strictest toxic substances right-to-know laws in the country — are departmental supervisors, purchasing agents and the training coordinator.

Goodloe brings to the job extensive experience as a teacher and as a researcher. She has taught chemistry at Cornell and in Ithaca College's Educational Opportunity Program, biology and zoology in six countries as part of the University of

Maryland's European Division, and biology at Lansing Central High School. After earning a bachelor's degree with a major in chemistry from Cornell in 1964, Goodloe served as a Peace Corps volunteer in the Philippines where she trained high school science teachers. She returned to Cornell, studying and conducting research with the late William T. Keeton, and earned the master's and Ph.D. in neurobiology and behavior.

Now she has the most challenging assignment to date, developing and implementing — under the vigilant eye of the State Attorney General — what is expected to become a model training program in toxic substance safety for employees throughout the state.

"We are trying to make this training worksite-specific," Goodloe says, explaining why the provisions of the law can't be met by herding all Cornell employees into Barton Hall for a safety lecture. "The individual training programs begin with an

inventory of chemicals used in each area, and people aren't sure what 'chemical' means."

Chemicals that may be encountered by Statler Inn employees, for example, include nine kinds of detergents, nine different disinfectants, seven alkali substances, five solvents, and six types of acid. Making the inventories brings the training coordinator, quite literally, to her hands and knees in broom closets of the campus. Armed with the lists of products in use, she then uses a variety of sources for information on the ingredients, their effects and hazards as well as the symptoms of exposure, treatment and procedure for cleaning up spills.

This information becomes part of the handouts which are written for specific workplaces and provided to employees during the training sessions. The inventory also can lead Goodloe to recommend safer substitutes for certain products. A walking

Continued on Page 8

September 15, 1983

No. 37

Cornell University

**University Personnel Services
Day Hall**

Ithaca, New York 14853

607/256-5226

Please Note:

On Channel 13 T.V. each week (Tuesday at 9:30 a.m. and 7:15 p.m. and Friday at 11 a.m. and 5:15 p.m.), selected job announcements are broadcast.

Job Opportunities is a publication of Staffing Services and is distributed each Thursday.

Full-time jobs are 39 hours per week unless otherwise indicated.

Applications for employment are accepted: 9 a.m.-3:30 p.m., Monday-Thursday. Staffing Services' office is closed on Friday. For information on jobs listed, contact Staffing Services, Day Hall, 607/256-5226.

Jobs listed as SO, U1 and U2 are represented by a collective bargaining group.

Employee Transfer Application: Employees who wish to transfer to other jobs within the University should use this form. Complete a separate transfer application form for each

position and submit to Staffing Services. Individuals with official University lay-off status will be given preference in referrals.

Department Employee Requisitions received by Friday noon deadline will be published on the following Thursday.

Jobs are listed for two weeks only unless otherwise requested.

In response to the findings of the Employee Survey, individual copies of **Job Opportunities** will be available for all employees. Complete job posting information will be available and published Thursday of each week in the Chronicle. Consequently, it will no longer be available in its current form.

This listing is also available on CUINFO, Cornell University's computerized information system. Other CUINFO listings include campus bus schedules, movies, dining facility hours and library schedules.

All Cornell employees are entitled to a free computer account. For further details contact the Information and Referral Center at 256-6200 or Computer Services.

*Asterisks identify jobs that were not listed last week.

Job Opportunities

Cornell University is an equal opportunity, affirmative action employer.

Administrative/Professional

*Position: Development Officer II

Department: Arts and Sciences Public Affairs

Description: Develop and implement fund raising programs for College. Plan and direct public affairs programs in support of the educational goals of the College under direction of the Dean of Arts and Sciences and the Director of Public Affairs, Academic Units. Supervise one professional and one clerical staff person.

Requirements: Bachelor's degree or equivalent. Master's degree or equivalent preferred. Extensive experience required in Public Affairs or related area in higher education.

Hiring Range: \$15,500-\$26,500

Job Number: P375

*Position: Development Officer II

Department: University Development

Description: Assist with the planning, development and implementation of alumni annual giving. Enlist alumni leadership, organize meetings, personal solicitation committees and events, and oversee direct mail and phonathon programs.

Requirements: Bachelor's degree or equivalent. Some experience with volunteers and fund raising desired; ability to communicate persuasively both orally and in writing; good organizational ability is necessary. Must work well with volunteers. Some travel required.

Hiring Range: \$15,500-\$26,500

Job Number: P371

*Position: Executive Staff Assistant

Department: Human Development and Family Studies

Description: Assist in development of budgets and proposals; prepare, research and write reports, policy papers and other documents; act as liaison in dealing with middle management counterparts in the department, college, university and state agencies around the United States. Until 9/30/84.

Requirements: Master's degree or equivalent. Substantial experience in management, higher education administration and/or public relations highly desirable. Send cover letter and resume by September 30, 1983.

Hiring Range: \$12,500-\$20,700

Job Number: P372

*Position: Student Development Specialist II

Department: ILR - Extension, New York City

Description: Counsel liberal arts students majoring in labor relations. Coordinate study skills workshops and tutoring. Assist Director in academic evaluation, planning, recruitment and other program responsibilities as well as in the general administration of the program.

Requirements: Bachelor's degree or equivalent; Master's preferred. Some experience in counseling, teaching or administration.

Hiring Range: \$12,500-\$20,700

Job Number: P376

*Position: Research Support Specialist II

Department: Diagnostic Laboratory

Description: Design and develop diagnostic

tests. Responsible for conducting experiments to determine which viral protein is responsible for the development of protective immunity in animals and to develop rapid diagnostic tests using these proteins.

Requirements: Bachelor's degree or equivalent; Master's degree preferred in microbiology or biochemistry. Radioisotope usage; knowledge of analytical techniques for protein characterization and identification. Some experience in tissue culture techniques; virus propagation and purification; familiarity with immunological techniques. Must be able to design and conduct experimental protocols with minimal supervision.

Hiring Range: \$12,500-\$20,700

Job Number: P373

*Position: Applications Programmer II

Department: Laboratory of Nuclear Studies

Description: Write, maintain and document programs for the acquisition and analysis of data from a continuing experiment in elementary particle physics. Work with VAX, DECsystem-10, PDP-11, IBM/CMS and/or RSX-11M helpful. Must be able to work effectively with physicist-programmers and on own with minimal supervision.

Hiring Range: \$12,500-\$20,700

Job Number: P374

Position: Director of Regional

Offices/Coordinator of College Public Affairs

Department: Public Affairs Regional Offices

Description: Responsible for the management of the regional, college and department programs. This includes planning, organizing, staffing, directing and controlling.

Requirements: Bachelor's degree or equivalent minimum requirement. Experience in Cornell Public Affairs highly desirable. Strong background and experience in administration, planning and working with administrative staff, deans and faculty.

Hiring Range: \$20,000-\$33,100

Job Number: P361

Position: Director of Student Affairs and

Financial Aid

Department: Graduate School of Management

Description: Oversee and plan all of the School's student activities programs. Package and award all financial aid. Participate in admissions interviewing, recruiting and selection. Heavy contact, including counseling, with students. Some travel required.

Requirements: Bachelor's degree or equivalent required; Master's degree or equivalent preferred. Considerable administrative experience, preferably in a university setting. Some counseling or other experience working with students preferred. Excellent communications skills necessary.

Hiring Range: \$15,500-\$26,500

Job Number: P362

Position: Administrative Supervisor

Department: Committee on Special Education

Programs (COSEP)

Description: Serve as liaison between COSEP, the administration and the University regarding personnel, fiscal and policy matters. Manage COSEP budgets and expenditures. Assist in writing a variety of reports. **Application deadline:** September 16, 1983.

Requirements: Bachelor's degree or equivalent; business education preferred. Some experience in accounting and/or bookkeeping, preferably in a college minority student program. Strong communication skills, both written and oral.

Hiring Range: \$12,500-\$20,700

Job Number: P363

Position: Extension Support Aide

Department: Integrated Pest Management

Description: Assist the Cornell Vegetable Integrated Pest Management (IPM) Program in developing, implementing and extending the principles, practices and techniques of the pilot projects on vegetables to all segments of the vegetable industry in central and western New York. Provide liaison between vegetable growers, researchers, county agents and the Vegetable IPM Program.

Requirements: Bachelor's degree or equivalent in a crop protection or crop production discipline. NYS Pesticide Applicator's Certificate. Familiarity with many aspects of crop protection and production of vegetables in New York State. Experience in field scouting, and the use of weather, pest and crop monitoring techniques and tools. Supervisory experience essential. Good oral communication skills in order to counsel growers, extension agents and agri-business personnel in IPM methods. Ability to evaluate field data and write reports.

Hiring Range: \$12,500-\$20,700

Job Number: P368

Position: Project Coordinator II

Department: CALS—Administrative Operations

Description: In conjunction with the Physical Space Operation Committee, Department of Facilities and Business Operations and the Statutory Facilities Coordinator's Office, plan, schedule and coordinate construction and renovation work within the College of Agriculture and Life Sciences.

Requirements: Associate's degree or equivalent in construction technology. Considerable experience in construction or the trades.

Hiring Range: \$12,500-\$20,700

Job Number: P369

Position: Computer Engineer (Repost)

Department: Laboratory of Nuclear Studies

Description: Under indirect supervision of the computer facility Director, provide project leadership in the development of hardware and software for high performance scientific data processing equipment.

Requirements: Bachelor's degree or equivalent combination of education and experience. Experience with computer and/or digital electronic hardware. Knowledge of computer architecture. Familiarity with VAX/VMS, TOPS-10 and/or RSX/11M as well as DEC system 10.

Hiring Range: \$12,500-\$20,700

Job Number: P2481

Clerical

All applicants interested in positions requiring typing must take an official university test. Tests are given Mondays and Wednesdays at 8:10 a.m., Room 337, Statler Hall. Please contact Staffing Services for an appointment.

*Position: Accounts Coordinator, GR24

Department: State Finance and Business Office

Description: Record daily accounts receivable receipts; audit employee termination forms; monitor accounts receivable customer accounts; code employee tuition forms; prepare journal entries for various charges and accounts receivable adjustments; complete state accounts reconciliation; maintain state construction accounts.

Requirements: Associate's degree or equivalent in accounting. Familiarity with Cornell accounting preferred. Accounts receivable experience desirable.

Hiring Range: \$14,075-\$17,102

Job Number: C371

*Position: Secretary, GR18

Department: Microbiology (Agriculture)

Description: Provide secretarial support for teaching and research faculty. Duties include typing correspondence, class work, manuscripts, grant proposals; maintaining undergraduate files; overseeing department reading room; making travel arrangements; answering telephone. Other duties as assigned.

Requirements: H.S. education or equivalent. Business or secretarial school preferred. Medium typing. Some secretarial experience. Strong interpersonal and communication skills.

Hiring Range: \$10,000-\$12,163

Job Number: C372

Position: Administrative Aide, GR20

Department: Academic Personnel Office

Description: Provide administrative/secretarial support for the Academic Personnel Office. Duties include typing, filing, answering telephone; handling academic personnel documents; maintaining data on academic staff; accounting; purchasing; handling special projects as assigned.

Requirements: Associate's degree or equivalent. Medium typing. Extensive secretarial/administrative experience. Strong organizational, interpersonal and communication (written and oral) skills. Knowledge of word processor/computer helpful. Familiarity with Cornell procedures desirable. Ability to handle confidential material with discretion essential.

Hiring Range: \$11,180-\$13,606

Job Number: C361

Position: Accounts Assistant, GR20

Department: Unions and Activities

Description: Serve as Head Account Clerk for Robert Purcell Union. Responsible for implementation of a cash handling/dual verification system; prepare banks, tape reconciliation, cash

reports, deposits; coordinate time card processing, accounts payable and receivable; monthly journal preparation. Oversee an assistant.

Requirements: Associate's degree or equivalent. Bookkeeping and accounting experience. Knowledge of house funds, bank and deposit preparation and payroll processing essential. Strong organizational, interpersonal and communication skills.

Hiring Range: \$11,180-\$13,606
Job Number: C362

Position: Office Assistant, GR19
Department: Visual Services/University Relations

Description: Provide assistance to the Director of the Visual Services/University Relations department. Duties include maintaining and cataloging a lending library of several thousand photographs; coordinating staff schedules; compiling data for monthly budget statements, quarterly and annual reports; billing and bookkeeping; purchasing supplies.

Requirements: H.S. education or equivalent. Some college preferred. Medium typing. Some office experience. Strong organizational, interpersonal and communication skills. Photographic knowledge helpful.

Hiring Range: \$10,595-\$12,852
Job Number: C363

Position: Secretary, GR18
Department: Alumni Affairs

Description: Provide secretarial support for two staff members. Duties include typing, filing, answering telephone; arranging travel; acting as liaison between staff, Cornell alumni and alumni events.

Requirements: H.S. education or equivalent. Business or secretarial school preferred. Medium typing. Some secretarial experience. Strong organizational, interpersonal and communication (written and oral) skills. Knowledge of IBM Selectric III/Xerox 625 Memorywriter helpful.

Hiring Range: \$10,000-\$12,163
Job Number: C364

Position: Secretary, GR18
Department: Alumni Affairs

Description: Provide secretarial support for the Director of Class Affairs. Duties include answering telephone, typing and filing; arranging travel; maintaining records and handling deposits and disbursements for accounts for classes; acting as liaison between Cornell alumni and alumni events.

Requirements: H.S. education or equivalent. Business or secretarial school preferred. Medium typing. Some secretarial experience. Strong organizational, interpersonal and communication (written and oral) skills. Knowledge of Xerox 625 Memorywriter helpful. Ability to work in a complex, active environment.

Hiring Range: \$10,000-\$12,163
Job Number: C365

Position: Secretary, GR18

Department: Electrical Engineering
Description: Provide secretarial support for the Electrical Engineering department. Duties include typing, filing, answering telephone; making travel arrangements; scheduling meetings. Other duties as assigned.

Requirements: H.S. education or equivalent. Business or secretarial school preferred. Heavy typing. Some secretarial experience. Excellent organizational, interpersonal and communication (written and oral) skills. Knowledge of word processor/computer helpful. Familiarity with technical typing desirable.

Hiring Range: \$10,000-\$12,163
Job Number: C366

Position: Secretary, GR18

Department: Design and Environmental Analysis

Description: Provide secretarial support for ten faculty and staff. Duties include typing correspondence, course work, exams, articles, reports and newsletters; answering telephone; maintaining files; handling travel arrangements.

Requirements: H.S. education or equivalent. Business or secretarial school preferred. Heavy typing. Some secretarial experience. Strong organizational, interpersonal and communication skills. Knowledge of Micon word processor helpful.

Hiring Range: \$10,000-\$12,163
Job Number: C368

Position: Stockkeeper, GR18

Department: Office Equipment Center
Description: Duties include typing, filing, answering telephone; ordering and receiving equipment, parts and supplies; maintaining stock inventory; writing up service calls. Other duties as assigned.

Requirements: H.S. education or equivalent. Business or secretarial school preferred. Medium typing. Some office experience. Familiarity with bookkeeping procedures desirable. Knowledge of word processor/computer helpful. Strong

organizational, interpersonal and communication skills.

Hiring Range: \$10,000-\$12,163
Job Number: C369

Position: Secretary, GR17

Department: Human Ecology Admissions

Description: Provide secretarial/receptionist support for the Human Ecology Admissions department. Duties include typing correspondence; answering telephone; filing; scheduling appointments and meetings; arranging tours; handling inquiries; maintaining supplies of admissions materials and hosting records.

Requirements: H.S. education or equivalent. Medium typing. Some office/receptionist experience. Strong organizational, interpersonal and communication skills. Knowledge of word processor helpful.

Hiring Range: \$9,492-\$11,500
Job Number: C3610

Position: Secretary, GR17

Department: Residence Life

Description: Provide secretarial/receptionist support for an undergraduate residence hall. Duties include typing correspondence, manuscripts and reports; bookkeeping; maintaining files; handling mail; coordinating student clerical employees and acting as resource person. Other duties as assigned.

Requirements: H.S. education or equivalent. Medium typing. Some office experience. Knowledge of records maintenance and bookkeeping helpful. Strong organizational, interpersonal and communication skills.

Hiring Range: \$9,492-\$11,500
Job Number: C3611

Position: Secretary, GR17

Department: Cooperative Extension Administration

Description: Provide secretarial support for two Cooperative Extension offices (70% 4-H, 30% Agricultural Programs). Duties include typing, filing, answering telephone; scheduling appointments; maintaining calendars and arranging travel. Other duties as assigned.

Requirements: H.S. education or equivalent. Heavy typing. Some office experience. Strong organizational, interpersonal and communication skills. Knowledge of Xerox 860 word processor/IBM Displaywriter helpful.

Hiring Range: \$9,492-\$11,500
Job Number: C3612

Position: Secretary, GR17

Department: Engineering Admissions & Undergraduate Affairs

Description: Duties include typing correspondence, memos and newsletter; answering telephone; maintaining files; assisting in record processing; handling mass mailings.

Requirements: H.S. education or equivalent. Heavy typing. Some office experience. Strong organizational, interpersonal and communication skills. Knowledge of word processor helpful.

Hiring Range: \$9,492-\$11,500
Job Number: C3613

Position: Office Assistant, GR16

Department: University Health Services

Description: Act as secretary/receptionist for the Contraception, Gynecology and Sexuality Office, the Health Education Office, a Sex Counselor and a Volunteer Coordinator. Duties include typing educational materials; answering telephone; scheduling appointments; procuring medical charts; answering routine questions; coordinating use of and maintaining CGSS library; ordering supplies. Full-time, regular, nine month position.

Requirements: H.S. education or equivalent. Medium typing. Some office experience. Strong organizational, interpersonal and communication skills.

Hiring Range: \$9,040-\$10,881
Job Number: C3614

Position: Office Assistant, GR16

Department: Engineering Admissions & Undergraduate Affairs

Description: Provide receptionist support for the Engineering Admissions and Undergraduate Affairs department. Duties include answering telephone; scheduling appointments; handling inquiries (in person and over telephone). Other duties as assigned.

Requirements: H.S. education or equivalent. Light typing. Some office experience. Strong interpersonal and communication skills.

Hiring Range: \$9,040-\$10,881
Job Number: C3615

General Service

***Position:** Boiler Operator Helper, U202

Department: Utilities

Description: Handle ashes, coal and/or wood at the Central Heating Plant using mechanical system provided. Check and maintain mechanical

systems and learn the boiler operator's job by assisting him and through formal training.

Requirements: H.S. education or equivalent. Ability to learn Boiler Operator functions. Good physical condition sufficient to work effectively in boiler plant environment, which includes noise, dust, heat, climbing stairs, lifting, etc.

Hiring Range: \$5.32/hour

Job Number: S375

***Position:** Baker, SO20

Department: Cornell Dining - Endowed

Description: Assist in preparing a full variety of baked goods including rolls, breads, cakes, cookies and pastries. Perform other duties as required.

Requirements: H.S. education or equivalent. Some experience in a bakery or similar establishment. Ability to clean, use and maintain baking equipment.

Hiring Range: \$5.33/hour
Job Number: S371

***Position:** Animal Attendant, SO18

Department: Clinical Sciences - Statutory

Description: Feed and care for large animals; observe and report animals' abnormal behavior; clean barns; wash and disinfect stalls after animals are discharged from the hospital; milk cows and groom animals. Other duties as assigned.

Requirements: H.S. education or equivalent. Some experience with large animals, bovine preferred. Ability to milk.

Hiring Range: \$5.20/hour
Job Number: S372

***Position:** Custodian, SO16

Department: Statler Inn - Endowed Mon.-Fri. 8:30 a.m.-5:00 p.m.; Sat./un. 9:00 a.m.-5:00 p.m. - Rotate Weekends

Description: Perform routine cleaning duties in the Statler Inn hotel guestrooms; work in the Statler Inn linen room as needed. Perform other duties as assigned.

Requirements: H.S. education or equivalent preferred. Some hotel custodial experience, ability to work weekends.

Hiring Range: \$4.30/hour
Job Number: S373

***Position:** Custodian, SO16

Department: Buildings and Grounds Care - Endowed Mon.-Thurs., 6:00 a.m.-2:30 p.m.; Fridays 6:00 a.m.-1:30 p.m.

Description: Perform general maintenance and custodial care of buildings and grounds in immediate vicinity of assigned building.

Requirements: Ability to use a variety of heavy power-operated equipment, climb an 8' ladder and lift 50 lbs.

Hiring Range: \$4.30/hour
Job Number: SG376

Position: Material Handler, SO18

Department: Unions & Activities—Endowed

Description: Receive and unload materials; verify accurate shipment from invoice and assure material is in acceptable condition; deliver material to desired location; organize and collect returnable bottles for pick-up; stock shelves; assist in supervision of students; take inventory and perform other duties as required.

Requirements: H.S. education or equivalent. Arithmetic skills. Some receiving experience. Ability to lift 65 lbs. Some exposure to cold (coolers and winter).

Hiring Range: \$4.79/hour
Job Number: S363

Position: Sales Assistant, GR15

Department: Campus Store

Description: Assist customers; stock and arrange shelves; mark items; operate cash register, assess cost of goods, receive money and make change. Set up and close out of cash drawer.

Requirements: H.S. education or equivalent. Some experience in retailing.

Hiring Range: \$8,610-\$10,299
Job Number: S364

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, GR24 (Repost)

Department: Avian and Aquatic Animal Medicine

Description: Diagnostic and research procedures involved in the study of diseases of pet, exotic and wild avian species including the collection of clinical and postmortem samples; preparing hematological evaluation, performing virological, chlamydiological, bacteriological, serological, immunofluorescent, ultrastructural

and other tests for research and diagnostic purposes; assist, as needed, in teaching laboratories.

Requirements: Bachelor's degree. Master's degree or some graduate course work in biomedical topics (microbiology, virology and/or pathobiology). Five years plus experience, preferably in an applied biomedical or pathobiology context.

Hiring Range: \$14,075-\$17,102
Job Number: T361

***Position:** Technician, GR22 (Repost)

Department: Avian and Aquatic Animal Medicine

Description: Diagnostic and research procedures involved in the study of diseases of pet, exotic and wild avian species including the collection of clinical and postmortem samples; preparing hematological and cytological specimens for histopathologic evaluation; performing virological, chlamydiological, bacteriological, serological, immunofluorescent, ultrastructural and other tests for research and diagnostic purposes; assist, as needed, in teaching laboratories.

Requirements: Bachelor's degree in biological or biomedical field. Two years experience in an applied biomedical or pathobiological context.

Hiring Range: \$12,515-\$15,239
Job Number: T353

***Position:** Technician, GR21

Department: Diagnostic Laboratory

Description: Conduct viral and chlamydia isolation procedures; prepare clinical specimens; perform a variety of techniques including tissue culture, fluorescent antibody procedures and serological tests. Prepare media, buffers and other solutions.

Requirements: Bachelor's degree or equivalent in microbiology, biology or a related field. Some experience in tissue culture; good sterile technique and basic microbiological techniques; some experience in virus and chlamydia isolation, electron microscopy and ELISA testing desirable.

Hiring Range: \$11,875-\$14,412
Job Number: T371

Position: Technician, GR22 (Repost)

Department: Entomology—Geneva, N.Y.

Description: Responsible for insect rearing program. Conduct insect behavioral assays. Supervise all persons in insect rearing program. Responsible for all aspects of cultures and defining rearing procedures for new cultures. Conduct behavioral assays in a sustained-flight tunnel in conjunction with ongoing research programs.

Requirements: Bachelor's degree or equivalent in biology. Experience rearing OFM and leafroller cultures as well as assaying male moth behavioral response sequences in a sustained-flight tunnel to various pheromone blends and dosages.

Hiring Range: \$12,515-\$15,239
Job Number: T171

Position: Computer Operator, GR20

Department: Computer Services

Description: Operate interactive terminals such as Digital VT100's and Digital 1640's, card readers and printers in a campus terminal facility. Assist users in operation of equipment. Order supplies. Maintain daily records. Monday/Friday, 4 p.m.-12:30 a.m. (shift work).

Requirements: Associate's degree or equivalent in data processing preferred. Some experience with Cornell computing system helpful. Good communication skills.

Hiring Range: \$11,180-\$13,606
Job Number: T362

Position: Pharmacy Technician, GR18

Department: Clinical Sciences

Description: Compound and prepare prescription orders of drugs and other medical supplies accurately and quickly according to Clinician and/or student requests in the Large Animal Pharmacy.

Requirements: Associate's degree or equivalent preferred with pharmacy experience. Some hospital pharmacy training and work experience in an animal hospital necessary. Must have thorough knowledge of compounding drugs. Some computer entry experience.

Hiring Range: \$10,000-\$12,163
Job Number: T363

Part-time

***Position:** Systems Analyst I (Repost)

Department: Office of Institutional Studies

Description: Design, develop and implement computer systems for administrative applications; provide liaison between the college and University computing offices (APS, CCS and those maintaining centralized data bases); review and recommend hardware and software acquisitions; supervise student programmers

Continued on Page 9

Procedures for Addressing Safety Concerns

Many Departments, Boards, Committees Share Responsibilities

There are many resources available to members of the campus community for providing information, answering questions and investigating health and safety concerns. These include the Department of Life Safety Services, the Office of Environmental Health, the University Health and Safety Board, several University committees and the many departmental and college committees involved in health and safety matters. A Health and Safety Review Council has recently been formed to provide a single campus wide body to formally review health and safety complaints and to insure that community views and concerns are presented to the University Health and Safety Board in a timely fashion. The specific procedures that have been developed to register formal complaints and grievances follow:

General Health and Safety Concerns

Whenever possible, members of the campus community should address general health and safety concerns to their supervisor, the cognizant building or department Health and Safety Committee or the University department referenced above. Health and safety concerns may also be brought to the attention of the University Health and Safety Review Council which meets in regular sessions on the third Thursday of each month at 1:30 p.m. in Room 609 Clark Hall. The department and telephone numbers of the current Council members are listed below.

Formal Health and Safety Complaints

The University Health and Safety Review Procedure now provides for the formal review by the Health and Safety Review Council at Step III as described in the procedure which follows below. The Council also has the discretion to forward grievances to the Health and Safety Board. Once a grievance has been heard by the University Health and Safety Board, its decisions are final and binding on all members of the University community.

Health and Safety Review Council Membership

The Council is composed of eight voting members appointed as follows: two members each appointed by the Employee Assembly, Student Assembly, the Faculty Council of Representatives and the President, with one of the President's appointees serving as chairperson. The current appointees are:

Noel Desch, Materials Science Center, Chairperson (256-4272)
 Ronald Clayton, Agronomy (256-2159)
 Frederick Lengemann, Veterinary Physiology (256-5454)
 Hope Perry, M.D., Gannett Health Center (256-3978)

Occupational Health Nurse Is Appointed

Carol Weiner has been appointed to the position of occupational health nurse in University Health Services and the Office of Environmental Health, according to Dr. Allyn B. Ley, director of Health Services.

Weiner holds a master's degree in nursing from the University of Cincinnati, a resource center designated by the National Institute of Occupational Safety and Health; a bachelor's degree in nursing from the State University of New York at Binghamton; and a registered nurse diploma from Syracuse General Hospital.

She has served as coordinator of the Southern Tier Poison Center and as a staff nurse and nursing instructor at hospitals in Binghamton, Elmira and Syracuse. She is a member of the American Association of Occupational Health Nurses and of Sigma Theta Tau, the national nursing honor society.

Richard F. Porter, Chemistry (256-3483)
 Dominic Versage, Environmental Health (256-4862)

Council memberships are staggered two year terms to assure that a knowledgeable group is constantly available to address the complex issues involved in any health and safety complaint.

University Health and Safety Board

The function of the University Health and Safety Board is to constantly monitor the life safety conditions of the campus and to propose improvements where appropriate. The members of the Board are: Director of Health and Safety Programs, W. Donald Cooke; Vice President for Facilities and Business Operations, Robert M. Matyas; Dean of the University Faculty, Joseph B. Bugliari; Dean of the Graduate School and Vice Provost, Alison P. Casarett; Director of Clinical Medicine, Allyn B. Ley; and Director of University Personnel Services, Lee M. Snyder. Issues may be directed to the Health and Safety Board either by notifying Cooke directly or through the Health and Safety Review Council.

Complaint Procedure for Non-Academic Employees

The Employee Complaint and Grievance Procedure (personnel Manual Section 604) should be used by all employees, except those covered by a collective bargaining agreement, to initiate a formal review of their health and safety concerns. (Employees represented by a labor union should refer to their respective collective bargaining agreement for instruction on how to process health and safety grievances.) Steps I and II of that procedure are summarized below. A more detailed description of the grievance procedure can be found in section 604 of the Personnel Manual.

As stated in the grievance procedure, employees should first take complaints to their immediate supervisor for resolution.

Step I

If the complaint is not resolved through informal discussion with the supervisor, the employee may take the complaint, in writing, to the department head as Step I of the grievance procedure. The department head will schedule a meeting to hear the employee's complaint and will provide a written answer within five (5) working days.

Step II

If the employee is not satisfied with the department head's response, the decision

Personnel Office To Have Comment Cards Available

In an effort to be more responsive to the needs of our employees, as well as the general public, University Personnel Services will soon have a survey comment card available. The card will allow employees and others to give their impression of their visit to the Personnel Offices and the quality of service they received.

The cards will be available throughout University Personnel Services. This ongoing survey reflects University Personnel Services' interest in providing more personalized service responsive to the needs and desires of employees. You may use the cards anonymously or you may sign the card any time a personal response is desired.

As always, if you have personal concerns or questions, phoning ahead for an appointment with a personnel specialist is recommended to ensure individualized service. The receptionist, at 256-5226, can suggest who among the available personnel specialists may be best able to address your concerns.

can be appealed to Step II - the Director of Employee Relations. The Director will issue a written answer to the grievance within 10 working days of the Step II grievance meeting.

Step III

When the complaint involves a health and safety issue, and if the employee is not satisfied with the Step II decision, the employee may, within five (5) working days from receipt of the Step II decision, file a Step III grievance, in writing, with the chairperson of the Health and Safety Review Council. A copy of the Step II decision must accompany the appeal. When received, the Council Chairperson will forward an information copy to the chairperson of the Health and Safety Board.

The Council has up to ten (10) working days from receipt of the appeal to meet as necessary with the grievant, consider the grievance, and take one of the following actions:

- make a recommendation on the grievance and forward it to the Health and Safety Board for a decision;
- forward the grievance directly to the Health and Safety Board for resolution without comment; or
- deny the grievance and respond in writing to the complainant.

If either of the first two actions is taken by the Council, the Board has up to ten (10) working days from receipt of the grievance in which to respond, and its decision shall be final.

Complaint Procedure for Student Employees

Any hourly, non-academic student employee who is enrolled at the University (or employed between semesters of enrollment) and who is employed by a department of the University, may appeal to the Health and Safety Review Council as the third step in the student employee grievance procedure.

The student employee should process his or her health or safety grievance according to the student employee grievance procedure. Copies of the student employee grievance procedure are available from the Student Assembly.

Step I

A student who has a health and safety complaint should first speak with his/her immediate student supervisor and non-student manager to attempt to resolve the complaint informally.

Step II

If the student is not satisfied with the resolution at Step I, then s/he should submit a grievance form to the Ombudsman's Office. The Department Head will review the matter and reply within seven (7) business days.

If a health and safety grievance is not resolved to the student's satisfaction at Step II of the Student Employee Grievance

Procedure, s/he may, within five business days, file a Step III grievance in writing with the Health and Safety Review Council. A copy of the Step II decision must accompany the appeal. When received, the chairperson of the Council will forward an information copy of the grievance to the chairperson of the Health and Safety Board.

The Council has up to ten (10) business days from receipt of the appeal to meet as necessary with the grievant, consider the grievance, and take one of the following actions:

- make a recommendation on the grievance, and forward it to the Health and Safety Board for a decision;
- forward the grievance directly to the Health and Safety Board for resolution without comment; or
- deny the grievance and respond in writing to the complainant.

If either of the first two actions is taken by the Council, the Board has up to ten (10) business days from receipt of the grievance in which to respond, and its decision shall be final.

Complaint Procedure for Faculty, Academic Employees and Students

If a complaint arises concerning health and safety, the steps of the grievance procedure for the appropriate unit must be followed. This procedure applies to both academic personnel and non-employee students. Interested persons should check with the chairperson of their department to inquire as to the procedure for processing a grievance in their unit.

In the event the complaint is not resolved through the appropriate grievance or complaint procedure, the complainant may, within five (5) working days from receipt of the decision, appeal in writing to the Health and Safety Review Council. A copy of the last decision reached under the appropriate academic grievance procedure must accompany the appeal. When received, the Council chairperson will forward an information copy to the chairperson of the Health and Safety Board.

The Council has up to ten (10) working days from receipt of the appeal to meet as necessary with the grievant, consider the grievance and take one of the following actions:

- make a recommendation on the grievance and forward it to the Health and Safety Board for a decision;
- forward the grievance directly to the Health and Safety Board for resolution without comment; or
- deny the grievance and respond in writing to the complainant.

If either of the first two actions is taken by the Council, the Board has up to ten (10) working days from receipt of the grievance in which to respond, and its decision shall be final.

Toxic Substances Trainer

Continued from Page 5

tour of each worksite and discussions with supervisors and employees precedes the scheduled training sessions.

The sessions begin with a slide show that defines toxic chemicals, explains different levels of toxicity, and shows the routes of entry which chemicals can take into the body. The trainer then discusses the slide presentation, concentrating on the symptoms that users of various substances can observe themselves.

The printed handouts are reviewed point by point, and employees and supervisors are encouraged to refer to the "Toxic Substances Notebook" prepared by the Office of Environmental Health for each workplace. First aid and the use of protective equipment are stressed.

"We work with small groups and at the end of the sessions, we ask for questions,"

says Goodloe. "The people have valid concerns and good suggestions, and we make note of the problems they express and follow up on them. And we tell them that if they have any questions at any time on health and safety to feel free to call the Office of Environmental Health at 256-4862."

In addition to training programs tailored to the needs of service and maintenance personnel, presentations have been prepared for office and clerical workers and for research personnel.

"I feel that people should know about the chemicals they work with," Goodloe says. "It is important that people are informed enough to take the proper protective measures. Knowledge eases fears. The better educated someone is, the better care they can take of themselves. And they can do a better job, too."

Calendar

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

*—Admission charged.

Announcements

Intramural Golf (Men, Women, Co-ed)
Deadline on entries is Wed., Sept. 21 at 4 p.m. in the Intramural Office, Helen Newman Hall. Teams consist of 2 players. Play will be 1-9 hole best ball stroke play round without handicap to be played on Sun., Sept. 25, starting at 11 a.m. on the Cornell University Golf Course. You may get a starting time in person at the golf shop on the day of the event. If in doubt about weather conditions call the Golf Shop 256-3361 before 11 a.m. If tournament is cancelled, it will be held on Sun., Oct. 2 at 11 a.m. Score cards must be turned in to the Golf Shop immediately after play. Late cards will not be accepted. Charge of \$6 each person, due with your roster to enter. Checks only, payable to Cornell University Golf Club. No refund after deadline.

Olin Library
Orientation Tours for faculty and graduate students will be provided on Thursday, Sept. 15 at 10:15 a.m. and on Friday, Sept. 16 at 2:30 p.m.

Barton Blotter

Wallets and books continue to be targets of thieves on campus, according to the morning reports of the Department of Public Safety for the period, Sept. 6-11.
Six wallets containing more than \$700 in cash and valuables were stolen from several locations on campus but particularly the men's and women's locker rooms at Teagle Hall. Nearly \$400 in books was stolen from the Campus Store, in one case a knapsack containing \$240 worth of books.

Job Opportunities

Continued from Page 7

and train users in applications and hardware operations. 30 hours/week.
Requirements: Bachelor's degree or equivalent. Experience in systems analysis and design. Knowledge of interactive computing systems, data base management, IBM operating systems. Familiarity with NATURAL, ADABAS and Cornell's organizational structure for data processing.
Hiring Range: \$12,500-\$20,700/annual equivalent
Job Number: P213

***Position:** Scientific Illustrator, GR18
Department: Animal Science
Description: Design and prepare artwork: illustrations, cartoons, charts, graphs and posters. Perform video editing as needed. Prepare artwork for slides and publications for Animal Science department. Perform related duties as assigned. Monday - Friday, 30 hours/week.
Requirements: Degree and/or proven ability in art and illustration. Experience drawing animals (horses, cattle, sheep, swine); knowledge of scientific terms and principles helpful. Some experience as an illustrator including knowledge of and experience in using graphic arts tools and equipment. Good communication and time management skills required.
Hiring Range: \$10,000-\$12,163/annual equivalent
Job Number: S374

***Position:** Receptionist, GR16
Department: Academic Advising Center
Description: Provide receptionist support for

Meet in lobby. For more information, call 256-4144.

Extramutual Courses

Last day to register and add or drop courses is Friday, September 16.

Summer Party

Hong Kong Students' Association Summer Party at International Living Center (North Campus 8) on Saturday, September 17 at 10 p.m. \$2 for members and \$3 for non-members.

Biological Sciences Honors Program

Applications for admission to the Biological Sciences Honors Program are due in 118 Stimson at 12 noon, Tuesday, September 20. For more information on the program, students should come to 118 Stimson Hall or call 256-5233.

Monday

Sept. 19, 8 p.m. Statler Auditorium. Campus Crusade for Christ presents Josh McDowell lecturing on "The Great Resurrection Hoax?" Free and open to the community.

Tuesday

Sept. 20, 8 p.m. Bailey Auditorium. Campus Crusade for Christ presents Josh McDowell lecturing on "Maximum Sex." Free and open to the community.

Alternatives Library

The Anne Carry Durland Memorial Alternatives Library is located on the first floor of Anabel Taylor Hall. This informal and friendly library contains a wealth of books, tapes, and periodicals on a wide range of topics such as ecology, feminism, spirituality, Native Americans, holistic health, agriculture, life-styles, communities, politics, etc. Anyone may check out materials, browse or listen to tapes. Hours are 9 a.m.-5 p.m. Monday through Friday and 8-10 p.m. Sunday through Thursday evenings. For more information call 256-6486.

The Commons Coffeehouse

Anabel Taylor Hall. Hours: Mon.-Fri., 9 a.m.-11 p.m.; Sat., 11 a.m.-5 p.m. and 8 p.m.-midnight; Sun., 11 a.m.-5 p.m. and 7:30-11 p.m. Open when the University is in session.

Ten copies of the "Cornell Journal of Architecture," valued at a total of \$230 were reported taken from Sibley Hall.

Other thefts included two bikes worth a total of \$125; golfball washers, five flag pins, eight tee markers, three wire trash cans and a golf hole cup, valued at a total of \$545, from the University Golf Club; a \$400 red carpet from North Campus Union, and a \$300 armchair from Phillips Hall.

One person was charged with driving while intoxicated.

the Academic Advising Center. Duties include answering telephone; scheduling appointments; handling student inquiries (in person or on telephone). Part-time, regular, Monday - Friday, 1:00 - 5:00 p.m.; 8 1/2 month position.

Requirements: H.S. education or equivalent. Light typing. Some office experience. Strong organizational, interpersonal and communication skills. Ability to work in a complex, active environment.

Hiring Range: \$9,040-\$10,881/annual equivalent
Job Number: C373

Position: Student Development Specialist II
Department: Learning Skills Center/Reading Study Skills

Description: As the Learning Effectiveness Specialist, assists Coordinator to develop and offer programs designed to improve students' academic success. Design and teach workshops on learning strategies, including effective note-taking and time management; engage in outreach effort for this program. Monitor reading course lab. Nine month position, Monday-Friday, 1 p.m.-5 p.m. Application deadline: September 16, 1983.

Requirements: Bachelor's degree or equivalent; Master's degree preferred in reading or student personnel administration or related experience working with college students in learning center-related activities. Strong communication skills.

Hiring Range: \$12,500-\$20,700/annual equivalent
Job Number: P364

Position: Secretary, GR18
Department: Vice Provost
Description: Provide secretarial support for

Experimental College

Registration for Bartending Courses will be held on Mon., Sept. 19, 6-8 p.m. Registration for Dance Courses will be held on Tues., Sept. 20, 6-8 p.m. Registration for all other courses and unfilled courses will be held on Wed., Sept. 21, 6-8 p.m. Registration will be in the Straight Memorial Room. Lines forming before 4:45 p.m. on any day will be dispersed. For more information, call 256-7131. Experimental College is a part of the Department of Unions and Activities.

Dance

Sunday

Sept. 18, 2-5 p.m. Anabel Taylor One World Room. Israeli Folk Dance Workshop with Ayalah Kadman Goren.

Monday

Sept. 19, 4-6 p.m. Anabel Taylor Edwards Room. Israeli Folk Dance Workshop Review Session.

Graduate Bulletin

September 23 is the last day for turning in Nomination of Committee forms, Change of Committee forms, original course forms and adds. Late University registration is at the Registrar's Office, 222 Day Hall.

September 24 is the deadline for submitting Fulbright and other IEE grants for study abroad. Application forms and further information are available from Linda Kao at 100 Sage Graduate Center.

Now is the time to investigate opportunities for financial support for 1984-85. Many application deadlines occur early in the fall. Additional information about the awards listed below may be obtained from the Fellowship Office, 116 Sage Graduate Center or from your graduate faculty representative. Check the Fellowship Notebook for details.

Oct. 5: National Hispanic Scholarship Fund Provides scholarships for graduate and undergraduate students of Hispanic American background. Applicants must have completed at least 15 units of college work and be enrolled for the 1984-85 academic year as a full time graduate student.

Oct. 22: Marshall Scholarship Enables citizens of the United States to study for a degree in the United Kingdom for a period of at least two academic years. Amount of the scholarship averages about 9,000 pounds per annum.

Nov. 1: Alliance Francaise de New York Applicants must be enrolled in a graduate pro-

Exhibits

Olin Library

Witchcraft in Europe, 1450-1750. Books, Manuscripts and iconographic materials from the Witchcraft Collection, assembled by Andrew D. White and George Lincoln Burr. Hours 10:30 a.m.-5 p.m. Monday-Friday, through September 30.

Herbert F. Johnson Museum

"Cornell University Art Department Faculty Exhibition." Exhibition will consist of a selection of works in various media by current members of the art department faculty, fall semester visiting professors and local professors emeriti. "Spirit and Ritual: Ancient Chinese Bronzes from the Morse Collection" through October 30. This exhibit is part of an exhibition originally organized for the Metropolitan Museum of Art from the private collection of Mr. and Mrs. Earl Morse of New York City. "The NonResidential Architecture of Frank Lloyd Wright." The Johnson Museum is open to the public Tuesday through Sunday, 10 a.m.-5 p.m. with free admission.

Continued on Page 10

gram in a French University or enrolled in a graduate program in an American university and doing research in France under the direction of a thesis adviser. Applicants must be American citizens between the ages of 20 and 30 and must not be pursuing studies in France during the year prior to the award. Scholarships are in the amounts of \$1,500 and \$3,000 for the duration of one academic year.

Nov. 23: National Science Foundation 1984-85 Graduate Fellowships Awards are made in the areas of mathematical, physical, biological, engineering, social sciences and the history and philosophy of science. Applicants must be citizens or nationals of the United States at the time of application, who have not completed postbaccalaureate study in excess of 30 quarter hours/20 semester hours, or equivalent, in any field of science, engineering, social science, or mathematics. Recipients must be enrolled in master's or doctoral degree programs. Awards are for a period of three years, and provide a 12-month stipend of \$8,100 plus a cost of education allowance of \$4,900 in lieu of all tuition costs. Renewal in the second and third years is subject to satisfactory academic progress and the availability of appropriated funds for continued support.

Fulbright-Hays Doctoral Dissertation applications are now available in the Graduate Fellowship and Financial Aid Office, 116 Sage Graduate Center.

and supplies. Assist with simple lab work, general housekeeping. Six months.

Requirements: H.S. education or equivalent, dairy farm experience and courses in agriculture and animal husbandry helpful. Some dairy farm experience.

Hiring Range: \$4.00-\$5.00/hour
Job Number: T372

Academic

Please contact department directly.

***Position:** Postdoctoral Associate
Department: James A. Baker Institute for Animal Health
Job Number: A371

***Position:** Reference Librarian
Department: Martin P. Catherwood Library - ILR
Job Number: A372

***Position:** Cataloger
Department: Martin P. Catherwood Library - ILR
Job Number: A373

Position: Extension Associate - Residential Mechanical and Electrical Systems
Department: Design and Environmental Analysis
Job Number: A361

Temporary

In addition to regular, part-time opportunities, Temporary (less than six months) positions, both full-time 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 Technician, T-2
Department: DCS-Mastitis Control, Veterinary College

Description: Conduct mastitis surveys on dairy farms. Collect milk samples, determine abnormal milk secretions, check milk machine installations. Observe and record environmental and management conditions. Advise dairymen on sanitation, milking procedures and other aspects of herd management including care of equipment

Calendar

Continued from Page 9

Films

Unless otherwise noted films are under sponsorship of Cornell Cinema.

Thursday

Sept. 15, 12:20 p.m. Warren Hall 32. Rural Sociology 104: Proseminar: Issues and Policies in Rural Sociology. Films of rural communities/cultures in diverse ecological settings. "Afghan Village" and "Afghan Wheat Cycle" (Afghanistan). John Duewel, instructor.

Sept. 15, 8 p.m. Uris Hall Auditorium. CUSLAR Free Film. Series: "The Battle of Chile" Parts I & II (documentary film). Introduction by Pat Garrett, Dept. of Rural Sociology. Sponsored by Committee on U.S. Latin American Relations (CUSLAR).

Friday

Sept. 16, 1:20 p.m. Goldwin Smith Kaufmann Auditorium. Asian Studies/Theatre Arts 307: Asian Dance and Dance Drama. Films on Indonesian music and dance shown in conjunction with this course. Visitors welcome. "Beksan Menak" a dance styled after the three-dimensional wooden rod puppets "wayang

golek," which portrays an episode from the Amir Hamzah stories: Yogyakarta, Jave.

Sept. 16, 9:30 p.m. *Uris Hall Auditorium. "My Dinner with Andre" (1981), directed by Louis Malle, with Wallace Shawn, Andre Gregory.

Saturday

Sept. 17, 8 & 10:30 p.m. *Uris Hall Auditorium. "My Dinner with Andre."

Sept. 17, 9 & 11 p.m. *Statler Auditorium. "Annie Hall" (1977), directed by Woody Allen, with Woody Allen, Diane Keaton.

Sunday

Sept. 18, 8 p.m. *Uris Hall Auditorium. "Strangers on a Train" (1951), directed by Alfred Hitchcock, with Farley Granger, Robert Walker.

Monday

Sept. 19, 7 p.m. *Uris Hall Auditorium. "Sabotage" (1936), directed by Alfred Hitchcock, with Sylvia Sydney, Oscar Homolka. Co-sponsored by English Department.

Sept. 19, 9 p.m. *Uris Hall Auditorium. "Viva Maria" (1966), directed by Louis Malle, with Brigitte Bardot, Jeanne Moreau. Shown with "Les Mistons." Limited to Film Club members only.

Tuesday

Sept. 20, 8 p.m. *Uris Hall Auditorium. "Bed and Board" (1971), directed by Francois Truffaut, with Jean-Pierre Leaud.

Wednesday

Sept. 21, 8 p.m. *Uris Hall Auditorium. "The Testament of Dr. Mabuse" (1932), directed by Fritz Lang, with Rudolphe Klein Rogge.

Thursday

Sept. 22, 12:20 p.m. Warren Hall 32. Rural Sociology 104: Films of rural communities/cultures in diverse ecological settings: "The Nuer" (Ethiopia). Instructor: John Duewel.

Sept. 22, 8 p.m. *Uris Hall Auditorium. "Frankenstein" (1931), directed by James Whale, with Boris Karloff, Mae Clark. Also shown: "Bride of Frankenstein" (1935).

Friday

Sept. 23, 1:20 p.m. Goldwin Smith Kaufmann Auditorium. Asian Studies/Theatre Arts 307: Asian Dance and Dance Drama film: "Bedoyo Pangkur." Refined, quiet dance for women, in abstract patterns, accompanied by gamelan players and singers: Surakarta (Java) style.

Sept. 23, 8 p.m. *Statler Auditorium. "Sophie's Choice" (1982), directed by Alan Pakula, with Meryl Streep, Kevin Kline, Peter MacNichol.

Sept. 23, 10 p.m. *Uris Hall Auditorium. "The 18th International Tournee of Animation (1983).

Saturday

Sept. 24, 8 p.m. *Uris Hall Auditorium. "The 18th International Tournee of Animation (1983).

Sept. 24, 8 p.m. *Statler Auditorium. "Sophie's Choice."

Sept. 24, 12 midnight *Uris Hall Auditorium. "Night of the Living Dead" (1968), directed by George Romero, with Judith O'Dea.

Sunday

Sept. 25, 8 p.m. *Uris Hall Auditorium. "Closely Watched Trains" (1966), directed by Jiri Menzel, with Vaclav Neckar, Jitka Bendova. Shown with: "Generation."

Lectures

Thursday

Sept. 15, 12:20 p.m. 102 West Ave. Southeast Asia Program Thursday Luncheon Seminar: "Comparative Political Murder: Aspects of Contemporary Politics in Thailand and Indonesia," Professor Benedict R. Anderson, Department of Government, Canada.

Sept. 15, 4:30 p.m. Goldwin Smith 164. Renaissance Colloquium: "No Matys at Midnight: John Skelton's Poetry," Arthur Kinney, Professor of English, University of Mass.

Sept. 15, 4:30 p.m. Uris Hall Auditorium. The Henri Sack Memorial Lecture, "Science, Technology, Innovation and the New Industrial Revolution," Dr. Frank Press, President, National Academy of Sciences.

Friday

Sept. 16, 4 p.m. Clark 701. Seminar/Conversation, "Exploring the Pathways Between Science, Technology, Innovation and the New Industrial Revolution," Dr. Frank Press, President, National Academy of Sciences.

Monday

Sept. 19, 10 a.m. Uris Hall 153. Western Societies Program informal discussion: "The Changing Conditions of Political Leadership in West Germany Since the End of World War II," Michael Sturmer, Professor of Modern History, Friedrich-Alexander Universitat, Erlangen and Counselor on International Affairs to Chancellor Kohl.

Sept. 19, 4:30 p.m. McGraw 165. University Lecture in collaboration with Western Societies Program: "The German Question: Past, Present and Future," Michael Sturmer, Professor of Modern History, Friedrich-Alexander-Universitat, Erlangen and Counselor on International Affairs to Chancellor Kohl.

Sept. 19, 7:30 p.m. Anabel Taylor One World Room. America and World Community: "Marx's Hope and Ideology of World Community," Susan Buck-Morss, Assistant Professor, Government.

Tuesday

Sept. 20, 4:30 p.m. Goldwin Smith 162. Renaissance Colloquium: "Sidneian Indirection: The Ethical Irony of Astrophil and Stella," Charles Levy, Professor of English, Cornell Univ.

Sept. 20, 4:30 p.m. A.D. White House Guerlac Room. Western Societies Program: "The Inquisitorial Trial of Giovanni Morone (1522-60)," Massimo Firpo, University of Turin, Joint Fellow of the Society for the Humanities and Western Societies Program.

Wednesday

Sept. 21, 4:30 p.m. Ives 217. Western Societies Progr; "The German Military and the Breakdown of Imperial Germany," Professor Wilhelm Diest, Director of the Militargeschichtliches Forschungsamt, Freiburg.

Sept. 21, 7:30 p.m. Anabel Taylor One World Room. America and World Community: "Marx's Hope and Ideology of World Community," Susan

September 1983						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

Euck-Morss, Assistant Professor, Government.

Thursday

Sept. 22, 12:20 p.m. 102 West Ave. Southeast Asia Program Thursday Luncheon Seminar: "Mountain and Lowland Agriculture: Critique of Green Revolution in Indonesia," John Duewel, graduate student in the Department of Development Sociology, Cornell University.

Meetings

Thursday

Sept. 15, 5 p.m. Ives Hall 110. Cornell Concert Commission general meeting. All invited to attend.

Sunday

Sept. 18, 7:30 p.m. Anabel Taylor Auditorium. "How do We Create World Peace" panel and discussion to commemorate World Peace Day. Speakers from Tompkins County Nuclear Freeze Committee, November 11th Committee, Pax Christi, Eco-Justice, Women's Peace Encampment, Baha'i Faith.

Tuesday

Sept. 20, 5 p.m. Gannett Health Center, Moore Library. Women in Health Careers 1st meeting. All women interested in the medical fields are invited to attend.

Wednesday

Sept. 21, 4:30 p.m. Ives Hall 110. Faculty Meeting.

Thursday

Sept. 22, 4:30 p.m. Ives Hall 110. Cornell Concert Commission general meeting. Note time change.

Every Tuesday

Ives Hall 217, 7:30 p.m. Weekly meeting of Cornell University Parliamentary Debate Society.

Music

Brahms Festival Scheduled

A festival of music commemorating the 150th anniversary of the birth of Johannes Brahms will take place here during the weekends of Sept. 24-25, Oct. 1-2, Oct. 7-9. Under the auspices of the Department of Music and supported by the Cornell Council of the Creative and Performing Arts, all of the events are open to the public free of charge.

The first concert will be a program of chamber music at 8:15 p.m. Saturday, Sept. 24. Because of the limited seating capacity of Barnes Hall, it will be repeated at 4 p.m. Sunday, Sept. 25. The program will consist of two major works: Brahms' Quartet for Piano and Strings, Opus 26, which will be performed by Malcolm Bilson, piano; Sonya Monosoff, violin, Kim Kashkashian, viola; and John Hsu, cello; and the Quintet in B minor, Opus 115, which will be played by David Singer, clarinet; Sonya Monosoff and Carol Lieberman, violin; Kim Kashkashian, viola; and Lynden Cranham, cello. The instrumentalists are members of the Cornell music faculty plus local and visiting professional artists.

The second weekend will include piano and vocal music in Barnes Hall at 8:15 p.m. Saturday, Oct. 1, which will be repeated at 4 p.m. Sunday, Oct. 2.

Highlighting the third week of the festival is a performance of Brahms' German Requiem, a highly regarded sacred work, which will be given at 8:15 p.m. Friday, Oct. 7 in Bailey Hall. In this free concert, the Cornell Chorale and Cornell Symphony Orchestra will join forces under the baton of Professor Edward Murray.

The final program will again feature major chamber music written by Brahms for keyboard and strings. It will be presented in Barnes Hall at 8:15 p.m. Saturday, Oct. 8, with a repeat performance at 4 p.m. Sunday, Oct. 9.

Friday

Sept. 23, 8 p.m. *Bailey Hall. Cornell Concert Commission presents Graham Parker and special guest "The Choice." Seats still available. Tickets will be sold the evening of the show.

Saturday

Sept. 24, 8:15 p.m. Barnes Hall. Brahms Festival Concert: Brahms Piano Quartet, Clarinet Quintet.

Sunday

Sept. 25, 4 p.m. Barnes Hall. Brahms Festival Concert: Brahms Piano Quartet, Clarinet Quintet.

Religious Activities

Friday

Sept. 16, 5 p.m. Anabel Taylor One World Room. Erev Yom Kippur Dinner. Reservations



This Ho Wine Vessel from the early Western Chou period (11-10th centuries B.C.) is on view at the Herbert F. Johnson Museum of Art as part of an exhibition, "Spirit and Ritual: Ancient Chinese Bronzes from the Morse Collection," which opened at the museum yesterday. The exhibition includes 23 vessels and other bronze objects dating from the early Shang period (14-13th centuries B.C.) to the early Warring States period (5th century B.C.) and represents most of the types and forms of ritual ceremonial vessels of China's Bronze Age.

must be made and paid for no later than 3 p.m. the day before, in the Hillel Office, G-34 Anabel Taylor Hall. Price \$4.50 affiliates, \$6 for non-affiliates.

Sunday

Sept. 25, 11 a.m. Anabel Taylor Courtyard. Bagel Brunch in the Sukkah.

Monday

Sept. 19, 8 p.m. Anabel Taylor Edwards Eoom. Hillel presents a lecture and film: "Israel's Ethnic Mosaic," by Ayalah Kadman Goren.

Religious Services

Friday

Sept. 16, 6:30 p.m. Statler Auditorium. Kol Nidre Conservative/Egalitarian Services.

Sept. 16, 6:30 p.m. Anabel Taylor Edwards Room. Kol Nidre Orthodox Services.

Sept. 16, 7 p.m. Anabel Taylor Auditorium. Kol Nidre Reform Services.

Saturday

Sept. 17, 9 a.m. Anabel Taylor Edwards Room. Yom Kippur Orthodox Services.

Sept. 17, 10 a.m. Statler Auditorium. Conservative/Egalitarian Kom Kippur Services.

Sept. 17, 10 a.m. Anabel Taylor Auditorium. Yom Kippur Reform Services.

Sunday

Sept. 18, 11 a.m. Anabel Taylor Hall Courtyard. Sukkah Building.

Sept. 18, 11 a.m. Sage Chapel. Interreligious Service Speaker: Joseph Bugliari, Dean of the Faculty, Professor of Agriculture and Business Law, Cornell.

Wednesday

Sept. 21, 6 p.m. Anabel Taylor Founders Room. Sukkot Services (Conservative/Egalitarian).

Sept. 21, 6 p.m. Anabel Taylor Edwards Room. Sukkot Services (Orthodox).

Thursday

Sept. 22, 9:15 a.m. Anabel Taylor Edwards Room. Sukkot Services (Orthodox).

Sept. 22, 10 a.m. Anabel Taylor Founders Room. Sukkot Services (Conservative/Egalitarian).

Friday

Sept. 23, 9:15 a.m. Anabel Taylor Edwards Room. Sukkot Services (Orthodox).

Sept. 23, 6 p.m. Anabel Taylor Founders Room. Erev Shabbat Services (Conservative/Egalitarian).

Sept. 23, 6 p.m. Anabel Taylor Chapel. Erev Shabbat Services (Reform).

Sept. 23 For information on Orthodox services call 272-5810.

Saturday

Sept. 24, 9:15 a.m. Anabel Taylor Edwards Room. Shabbat Services (Orthodox).

Sept. 24, 10 a.m. Anabel Taylor Founders Room. Shabbat Services (Conservative/Egalitarian).

Sunday

Sept. 25, 11 a.m. Sage Chapel. Interreligious Service Speaker: M. Scott Peck, Psychiatrist, New Preston, Connecticut; author of "The Road Less Travelled."

Sept. 25, 11 a.m. Sage Chapel. Interreligious Service Speaker: M. Scott Peck, Psychiatrist, New Preston, Connecticut; author of "The Road Less Travelled."

Sept. 25, 11 a.m. Sage Chapel. Interreligious Service Speaker: M. Scott Peck, Psychiatrist, New Preston, Connecticut; author of "The Road Less Travelled."

Sept. 25, 11 a.m. Sage Chapel. Interreligious Service Speaker: M. Scott Peck, Psychiatrist, New Preston, Connecticut; author of "The Road Less Travelled."

Sept. 25, 11 a.m. Sage Chapel. Interreligious Service Speaker: M. Scott Peck, Psychiatrist, New Preston, Connecticut; author of "The Road Less Travelled."

Sept. 25, 11 a.m. Sage Chapel. Interreligious Service Speaker: M. Scott Peck, Psychiatrist, New Preston, Connecticut; author of "The Road Less Travelled."

Sept. 25, 11 a.m. Sage Chapel. Interreligious Service Speaker: M. Scott Peck, Psychiatrist, New Preston, Connecticut; author of "The Road Less Travelled."

Sept. 25, 11 a.m. Sage Chapel. Interreligious Service Speaker: M. Scott Peck, Psychiatrist, New Preston, Connecticut; author of "The Road Less Travelled."

Sept. 25, 11 a.m. Sage Chapel. Interreligious Service Speaker: M. Scott Peck, Psychiatrist, New Preston, Connecticut; author of "The Road Less Travelled."

Sept. 25, 11 a.m. Sage Chapel. Interreligious Service Speaker: M. Scott Peck, Psychiatrist, New Preston, Connecticut; author of "The Road Less Travelled."

Sept. 25, 11 a.m. Sage Chapel. Interreligious Service Speaker: M. Scott Peck, Psychiatrist, New Preston, Connecticut; author of "The Road Less Travelled."

Sept. 25, 11 a.m. Sage Chapel. Interreligious Service Speaker: M. Scott Peck, Psychiatrist, New Preston, Connecticut; author of "The Road Less Travelled."

Sept. 25, 11 a.m. Sage Chapel. Interreligious Service Speaker: M. Scott Peck, Psychiatrist, New Preston, Connecticut; author of "The Road Less Travelled."

Sept. 25, 11 a.m. Sage Chapel. Interreligious Service Speaker: M. Scott Peck, Psychiatrist, New Preston, Connecticut; author of "The Road Less Travelled."

Sept. 25, 11 a.m. Sage Chapel. Interreligious Service Speaker: M. Scott Peck, Psychiatrist, New Preston, Connecticut; author of "The Road Less Travelled."

Sept. 25, 11 a.m. Sage Chapel. Interreligious Service Speaker: M. Scott Peck, Psychiatrist, New Preston, Connecticut; author of "The Road Less Travelled."

Sept. 25, 11 a.m. Sage Chapel. Interreligious Service Speaker: M. Scott Peck, Psychiatrist, New Preston, Connecticut; author of "The Road Less Travelled."

Sept. 25, 11 a.m. Sage Chapel. Interreligious Service Speaker: M. Scott Peck, Psychiatrist, New Preston, Connecticut; author of "The Road Less Travelled."

Sept. 25, 11 a.m. Sage Chapel. Interreligious Service Speaker: M. Scott Peck, Psychiatrist, New Preston, Connecticut; author of "The Road Less Travelled."

Sept. 25, 11 a.m. Sage Chapel. Interreligious Service Speaker: M. Scott Peck, Psychiatrist, New Preston, Connecticut; author of "The Road Less Travelled."

Sept. 25, 11 a.m. Sage Chapel. Interreligious Service Speaker: M. Scott Peck, Psychiatrist, New Preston, Connecticut; author of "The Road Less Travelled."

Sept. 25, 11 a.m. Sage Chapel. Interreligious Service Speaker: M. Scott Peck, Psychiatrist, New Preston, Connecticut; author of "The Road Less Travelled."

Sept. 25, 11 a.m. Sage Chapel. Interreligious Service Speaker: M. Scott Peck, Psychiatrist, New Preston, Connecticut; author of "The Road Less Travelled."

Sept. 25, 11 a.m. Sage Chapel. Interreligious Service Speaker: M. Scott Peck, Psychiatrist, New Preston, Connecticut; author of "The Road Less Travelled."

on Molecules," Dr. Martin Gutzwiller, Thomas J. Watson Research Center, IBM, 1:15 p.m. Thursday, Sept. 15, 701 Clark Hall.

Atomic and Solid State Physics: Solid State Seminar: "Photogenerated Carriers in Polyacetylene," Dr. Z. Vardeny, Technion, Israel, 4:30 p.m. Tuesday, Sept. 20, 700 Clark Hall.

Biochemistry: "Studies on Pyridoxamine (pyridoxine) 5'-phosphate Oxidase," Don McCormick, Emory University, 4:30 p.m. Friday, Sept. 16, 204 Stocking Hall.

Biophysics: "Regulation of Neuronal Ion Channels by Protein Phosphorylation," Irvin Levitan, Brandeis University, 4:30 p.m. Wednesday, Sept. 21, 700 Clark Hall.

Center for Applied Mathematics: "Some Mathematical Problems Arising in Robotics," John E. Hopcroft, 4 p.m. Friday, Sept. 16, 165 Olin Hall.

Chemical Engineering: "Effects of Shear Flow On Fibrin Polymerization," Howard G. Clark, Duke University, 4:15 p.m. Tuesday, Sept. 20, 145(A) Olin.

Chemistry: Baker Lecture Series: "Nuclear Magnetic Resonance and Structure-Function Correlations in Proteins and Nucleic Acids, Kurt Wuthrich, ETH-Zurich, 11:15 a.m. Tuesday, Sept. 20, 200 Baker Lab. Professor Wuthrich will conduct an informal discussion at 4:40 p.m. Wednesday, Sept. 21, in 132 Baker Lab. He will also conduct a seminar on the main topic at 11:15 a.m. Thursday, Sept. 22, in 200 Baker Lab.

Ecology and Systematics: "Consumer Concentration in Simple and Complex Communities: Cassava and Cassave Lacebug," Jan Salick, 4:30 p.m. Wednesday, Sept. 21, Morison Seminar Room, Corson Hall.

English/German Literature: "D.H. Lawrence and German Expressionism: Observations on 'The Rainbow' and 'Women in Love,'" Hans Ulrich Seeber, University of Bochum, West Germany, 4:30 p.m. Thursday, Sept. 22, 156 Goldwin Smith.

Floriculture and Ornamental Horticulture: "Arboreta and Gardens of Scandinavia," Caroline Kiang, Extension Agent, Suffolk County, 12:15-1:15 p.m. Thursday, Sept. 15, 37 Plant Science.

Floriculture and Ornamental Horticulture: "Year-Around Hydrangea Flowering," Thomas C. Weiler, visiting professor from Purdue University, 12:15-1:15 p.m. Thursday, Sept. 22, 37 Plant Science.

Food Science: "Impact Damage and Dynamic Properties of Fruits and Vegetables," J.A. Bartsch, 4:30 p.m. Tuesday, Sept. 20, 204 Stocking Hall.

General Chemistry: "Cooling of Superhot Photofragments and Photoexcited Molecules," G. Flynn, Columbia University, 4:40 p.m. Thursday, Sept. 15, 119 Baker Lab.

General Chemistry: "Data Analysis in the GC/IR/MS Experiment," T. Isenhour, University of North Carolina, 4:40 p.m. Thursday, Sept. 22, 119 Baker Lab.

Geological Sciences: "Construction of 'Constrained' Geologic Cross-Sections," Peter Geiser, University of Connecticut, 4:30 p.m. Tuesday, Sept. 20, 205 Thurston Hall.

JUGATAE: "Swarming in Honey Bees," Roger Morse, 4 p.m. Monday, Sept. 19, 100 Caldwell Hall.

Materials Science and Engineering: "Inorganic Paper from Glass Ceramics," G. Beall, Corning Glass, 4:30 p.m. Thursday, Sept. 15, 140 Bard Hall.

Materials Science and Engineering: "Silicon on Insulators," R. Pinizzotto, Texas Instruments, 4:30 p.m. Thursday, Sept. 22, 140 Bard Hall.

Mechanical and Aerospace Engineering: "Developments in Film Cooling," Richard J. Goldstein, University of Minnesota, 4:30 p.m. Tuesday, Sept. 20, 282 Grumman.

Natural Resources: "Man-Nature Interface: Hamlets in the Adirondack Park," Roger T. Trancik, 4 p.m. Thursday, Sept. 15, 304 Fernow.

Neurobiology and Behavior: "The Lek Mating System of the Cock-of-the-Rock: A Field Study of Sexual Selection," Pepper Trail, 12:20 p.m. Thursday, Sept. 15, Morison Seminar Room, Seeley G. Mudd Hall.

Organic/Inorganic Chemistry: "Total Syntheses of Naturally Occurring Tetrahydrofurans and Phyllanthocin," David Williams, Indiana University, 8:15 p.m. Monday, Sept. 19, 119 Baker Laboratory.

Plant Biology: "Haemoglobin in Non-Legume Plants," C. Appleby, CSIRO, Canberra, Australia, 11:15 a.m. Friday, Sept. 16, 404 Plant Science Bldg.

Plant Biology: "Nodule Ultrastructure," W. Newcomb, Queens' Univ., Canada, 11:15 a.m. Friday, Sept. 23, 404 Plant Science Building.

Plant Pathology: "The Foundation Seed Potato Program in Wisconsin," Steven A. Slack, 4:30 p.m. Tuesday, Sept. 20, 404 Plant Science.

Psychology: Title to be announced, Rachel Gelman, University of Pennsylvania, 3:30 p.m. Friday, Sept. 23, 202 Uris Hall.

Western Societies Program: "The Changing Conditions of Political Leadership in West Germany Since the End of World War II," Michael Sturmer, Friedrich-Alexander-Universität, Erlangen, 10 a.m. Monday, Sept. 19, 153 Uris Hall.

Sports

Thursday

Sept. 15, 4 p.m. Cascadilla Courts. Women's Tennis Colgate.

Sept. 15, 7:30 p.m. Upper Alumni Field.

Women's JV Field Hockey-Colgate.

Sept. 15, 7:30 p.m. Schoellkopf. Women's Field Hockey Colgate.

Friday

Sept. 16, 4 p.m. Schoellkopf. Men's JV Soccer-Ithaca College.

Saturday

Sept. 17, 1 p.m. Schoellkopf. Women's Soccer-Skidmore.

Sunday

Sept. 18, 1 p.m. Wchoellkopf. Women's Soccer-Southern Illinois.

Wednesday

Sept. 21, 4 p.m. Schoellkopf. Women's Soccer-Cortland.

Friday

Sept. 23, 7:30 p.m. Schoellkopf. Men's Freshman Football Colgate.

Saturday

Sept. 24, 10 a.m. Schoellkopf. Women's Field Hockey Dartmouth.

Sept. 24, 1:30 p.m. *Schoellkopf. Men's Football Colgate.

Sept. 24 & 8 p.m. *Schoellkopf. Men's Soccer. "Cornell Classic Tournament."

Sunday

Sept. 25, 12:30 p.m. Schoellkopf. Men's Lightweight Football-Alumni.

Sept. 25, 6 & 8 p.m. *Schoellkopf. Men's Soccer. "Cornell Classic Tournament."

Off-Campus Housing Notes



Off campus housing listings are now available on Cornell's DEC computer system, as well as on the IBM. To access the information log into the DEC system with your student account and type "BBOARD CUINFO."

Press the "f" key until you reach "Housing;" and then press the return key to obtain a display of the housing information menu.

A number of student off-campus residents are looking for living-mates, mostly in single rooms. If you are still housesearching and would consider sharing an apartment with other students, drop by 103 Barnes Hall to check the latest listings, or log onto the Cornell IBM system with

your student account and use "CUINFO Housing, Apt-Shr or House-Shr." A "Housing Needed" card can also be posted at 103 Barnes.

The on-campus Housing Assignment Office reports that double accommodations for registered graduate men and women are available in Sage Hall and in Schuyler House. Call 256-5368 for further information about these availabilities.

The Off-Campus Life Committee of the Student Assembly has a number of vacant positions. If you would like to serve the needs of off-campus residents through an interesting, working committee, contact the Office of the Assemblies, 165 Day Hall, 256-3715, for an application.

Summary of Executive Committee Actions

Actions and reports of the Executive Committee of the Cornell University Board of Trustees meeting here Tuesday (Sept. 13) included the following:

A report by President Frank Rhodes. Approval of a recommendation that the university's charter be specific as to the number of trustee positions for the alumni (1), faculty (2), student (2) and employee (1) categories as passed by the Committee on Higher Education of the New York State Assembly.

Approval of a recommendation by Robert A. Cowie that Charles R. Holcomb be elected a non-voting non-trustee member of the Development Committee.

A report by the president that he has appointed James D. Stocker a member of the Proxy Review Committee replacing Charles T. Stewart.

Authorization for the administration to advance \$300,000 to the New York State College of Veterinary Medicine for the purchase of a SCIEX Tandem Mass Spectrometer for use by the Equine Drug Testing and Research Program.

Approval of a recommendation giving Cornell supervisors discretion to grant released time to employees for time missed

from work to attend Extramural courses or to require that all or part of the time be made up. When the supervisor requests an employee take a course, employees are not required to make up time. Previous policy said that all time must be made up, unless the supervisor requested that the course be taken.

Approval of a recommendation that all rules and regulations for campus traffic and parking be ratified by the board.

Approval of recommendations regarding management of CU Transit, Inc., a wholly-owned subsidiary, which was formed to hold permits and manage the bus routes which run off campus to satisfy state transportation law.

A report on preliminary results of 1982-83 fiscal operations of the university.

Ratification of the 1984-85 operating budget request for the statutory colleges which was submitted to the State University of New York on July 19, 1983.

Reports on the status of new funds for the statutory colleges, the Medical College and the endowed colleges at Ithaca.

Approval for the transfer of approximately two acres of land along Bear Creek Road in Lake Placid to Henry Uihlein II.

The land, which serves no useful purpose to Cornell, is part of a parcel of land willed to the university which is contiguous with Uihlein's farm.

Approval of reports of the Buildings and Properties Committee by Robert Matyas.

Approval of a recommendation to cancel the meeting of the Executive Committee scheduled for Oct. 6, 1983 in keeping with the Board Study Committee's suggestion to refer to the full board matters which

previously have received a preview by the Executive Committee.

Approval of election of four members to the Advisory Council of the New York State College of Human Ecology.

Approval of minutes of the Executive Committee of July 12, 1983.

Approval of a recommendation for the purchase of terminals and accessory computer equipment.

Blood Pressure Clinics Scheduled

Nurses from the Tompkins County Health Department will be conducting free blood pressure clinics at various work sites on campus during the month of September. The schedule for additional clinics at other work sites will be announced shortly.

Employees at the following work sites are strongly encouraged to attend the blood pressure screening clinic at their location according to the following schedule:

—Employees in Day Hall, Tuesday, Sept. 20, 10 a.m.-4:30 p.m., 3rd Floor Conference Room;

—Those in Phillips Hall, Thursday, Sept.

22, 10 a.m.-noon, in 227 Phillips;

—Employees in Sibley Hall, Tuesday, Sept. 27, 8:30 a.m.-noon, in 217 W. Sibley Hall;

—Employees in Upson Hall, Tuesday, Sept. 27, 1-4 p.m., in the 1st Floor Lounge;

Those in Stone and Roberts Halls, Wednesday, Sept. 28, 8:30 a.m.-12:30 p.m., in Room 8 Roberts Hall;

—And for those working in Clark and Rockefeller Halls, 8:30 a.m.-noon in E-18 Clark Hall and 1-4:30 p.m. in 243 Clark Hall on Thursday, Sept. 29.

Brief Reports

Baha'i Sponsors Panel About World Peace

The Cornell Baha'i Association will sponsor a public panel discussion on "How Do We Create World Peace?" at 7:30 p.m. Sunday, Sept. 18, in the auditorium of Anabel Taylor Hall on the Cornell University campus.

The event is part of the annual World Peace Day on the third Sunday of September, first established by the U.S. Baha'i community in 1959 and now celebrated worldwide.

Each panelist will give a brief talk of up to eight minutes, after which there will be questions from the audience. The panelists, not yet named, will represent the following local organizations, Tompkins County Nuclear Weapons Freeze Campaign, November 11th committee, Womens' Peace Encampment, Pax Christi, Baha'i Faith, and Eco-Justice.

Discussion to Deal With Hitler Germany

A discussion on the theme "Hitler Over My Head: Growing Up in Nazi Germany,"

between Edgar Rosenberg, professor of English and comparative literature, and Larry Palmer, professor of law and vice provost, is scheduled for 4:30 p.m. Tuesday, Sept. 20, in Hollis E. Cornell Auditorium of Goldwin Smith Hall.

The event is sponsored by Cornell United Religious Work, the Hillel Foundation and the Dean of Students Office.

International Students Plan Coffee House

The International Students' Programming Board will sponsor a coffeehouse from 8 to 11 a.m. Thursday, Sept. 22, in the One World Room, Anabel Taylor Hall. All members of the Cornell community are invited to attend.

The main goal of the programming board is to promote cross-cultural understanding and enrich the international life within the Cornell community, according to Ricardo Freund, chairman of the programming board.

However, Freund points out that ISPB-sponsored events are not just for foreign students.

"We want to encourage all members of the community to participate in our activities," Freund said. "It's just as important for foreign students to become acquainted with Americans and their customs as it is for Americans to become acquainted with us."

Other ISPB-sponsored events scheduled for the upcoming year include an International Friendship dinner on Saturday, Oct. 8, in the One World Room, Anabel Taylor Hall; receptions; art shows and the traditional International Gala in the spring.

Anyone interested in finding out more about the ISPB or its activities can contact Freund at 256-6117.

Chancellor Kohl's Adviser To Talk on German History

German historian Michael Sturmer—currently foreign policy adviser to Chancellor Helmut Kohl of the Federal Republic of Germany—will give a public lecture on "The German Question in European History," at 4:30 p.m. Monday, Sept. 19, in 165 McGraw Hall.

Sturmer, professor at Friedrich-Alexander Universitat, Erlangen, West Germany, was described by Cornell Professor of History, Steven Kaplan as having "special responsibility for the most delicate sphere of foreign relations, the German-German question, this is, the relations between West and East Germany."

Kaplan said, Sturmer "at 45 is one of Germany's most prolific and influential 'younger' historians. He has published books on Weimar, on Bismarck and on the Kaiser's Empire."

Sturmer has taught at the University of Sussex in England, the Sorbonne in Paris and the University of Toronto and has been a researcher professor at the Institute for

organized scientific expeditions to Zaire in 1974-75 and the Amazon in 1977.

He has served as editor of "Advances in Botanical Research" since 1976. Woolhouse is a member of and has served on the councils of the British Ecological Society and the Society for Experimental Biology. He is a fellow of the Institute of Biology and the Linnean Society of London, and a member of the American Society of Plant Physiologists.

This Week in Sports

Eight Teams Open Campaigns in Next 3 Days

The 1983-84 Cornell sports season goes into full swing this week, as eight teams open up their campaigns in the next three days. The action begins today with two teams, the women's field hockey and tennis squads, competing at home.

The field hockey and tennis teams will both take on two opponents this week, as will the women's soccer team. The other squads helping to begin the first competition of the year are the varsity football and men's soccer teams; the women's volleyball team; and the men's and women's cross country squads.

The women's field hockey team plays host to traditional rival Colgate at 7:30 p.m. today on Schoellkopf Field, while the women's tennis team also entertains the Red Raiders; the match is scheduled for 4 p.m. at the Indoor Tennis Bubble.

The varsity football team kicks off the season in a special Saturday night contest (7:30 p.m.) at the University of Pennsylvania, but two other teams are also traveling to Philadelphia that day. The women's field hockey team will play Penn at 10:30 a.m., and the men's soccer team faces the Quakers at 2 p.m. All three games on Saturday will take place at Franklin Field.

Other teams which open up this weekend are the men's cross country team, which runs against Colgate in Hamilton on Friday; the women's cross country team, which is at Cortland State on Saturday; and the women's volleyball team, which also travels to Cortland that afternoon. The women's soccer team has two games planned, entertaining Skidmore on Saturday and Southern Illinois-Edwardsville on Sunday. Both contests begin at 1 p.m. on

Upper Alumni Field.

There will be three games on Tuesday, all of them on the road. The men's soccer team is at Colgate, the women's tennis team has a match at Binghamton and the women's field hockey team travels to Cortland. On Wednesday, the women's soccer team has another home game as it entertains Cortland at 4 p.m.

Saturday night's football game between Cornell and Pennsylvania has some interesting angles to it. Not only is it the debut for new Big Red coach Maxie Baughan, but Franklin Field is also the site where Baughan played his first game in the NFL. Baughan enjoyed a brilliant 13-year career as a linebacker in the NFL, playing with Philadelphia Eagles, Los Angeles Rams and Washington Redskins. In addition, retired Cornell coach Bob Blackman, the man Baughan replaces, also opened his Big Red career with a night game at Pennsylvania.

And Penn was the last opponent for the Red in 1982. Cornell fans remember that game very well, as the Big Red knocked off the Quakers, 23-0, before an ABC-TV regional audience. The defeat forced Penn to settle for a share of the Ivy League championship with both Harvard and Dartmouth. It also allowed Cornell to end the season with four straight victories for the first time since 1954.

The women's field hockey team has a nice blend of veterans and newcomers this season, and should be a much improved squad in the Ivy League. The attack will be led once again by senior Linda Miller (Warrington, Pa.), the school's all-time leading scorer.

SAGE CHAPEL

Dean of the Faculty Bugliari Will Talk

Joseph Bugliari, Cornell University's newly-elected Dean of the Faculty and professor of agriculture and business law, will speak at the 11 a.m. Sage Chapel convocation on Sunday, Sept. 18. His sermon topic will be "The Law of God, The Law of Man."

A 1953 graduate of Hamilton College, Bugliari received his law degree from Cornell in 1959. After practicing law in New York City, he returned to Cornell in 1967 teaching part-time, joining the faculty full-time in 1967.

In addition to a full-time teaching schedule, Bugliari has served in numerous faculty and administrative positions during his tenure at Cornell. He served as Secretary of the University Faculty from 1979 to 1982. In 1977-79 he served as director of legal services for the university, responsible for providing legal services in support of the university's regular day-to-day activities. He also served as the university's first judicial administrator, from 1969-1971.

In 1971 Bugliari received the Professor of Merit Award voted by the students of the College of Agriculture for Excellence in Teaching, and in 1976 he received the Chancellor of the State University of New York's Award for Excellence in Teaching. He is president and a member of the Board of Directors of the Cornell Daily Sun.

Music for the service will be provided by the Sage Chapel Choir under the direction of Donald R.M. Paterson, university organist and choir master.

Advanced Study at Princeton and the Center for European Studies at Harvard.

Sturmer's lecture is sponsored by the Committee on University Lectures in cooperation with The Western Societies Program, which Kaplan directs.

The women's tennis team has all key performers returning from last season. Cici Cryer, Anne Gill and Linda Falkson highlight the veterans, while freshmen Jana Klein and Lauren Levine will also see much action.

The men's and women's cross country teams both have five key letter winners back for another season. Leading the men's team are Grant Whitney, Peter McConnell, Harv Robinson, Blake Kruell and Dave Mears. The women's squad will be paced by Marian Teitsch, Elise Jones, Amy Phelps, Nancy Schmidt and Suzanne Jones.

Men's soccer coach Jack Writer has his most experienced squad since the 1977 team, which won the Ivy League championship. The forwards are led by Peter Pakeman and Ted Heinrich, while Michael Fisher and Tom Doyle are two other seniors who will play key roles.

The women's soccer team, on the other hand, is quite young in terms of experience. As the programs prepares to enter its second year of varsity competition, 18 freshmen and just one senior are on the roster. Returning at forward are last fall's leading scorer, Krista Kallio, and Lesley Keane and Laura Payne. Sophomore Molly Brown leads the defense.

The women's volleyball team will be trying to continue its winning tradition, which has seen the Red post a two-year record of 87-14-1. Junior Elise Lincoln is a two-time All-Ivy selection and an All-State pick, while classmate Mary Howell is the top setter on the team. Junior Mary Buos was second team All-Ivy in 1982 and rounds out a formidable first row.

Professors at Large

Continued from Page 3

Royal Netherlands Academy of Arts and Sciences.

Szarkowski has been director of the department of photography at the Museum of Modern Art since 1962. He is regarded as the preeminent curator and historian in 20th century art photography. He has initiated most of the significant exhibitions of photography to be seen in this country and abroad in the last twenty years, including important retrospectives of such major artists as Ansel Adams, Edward Weston, Dorothea Lange, Walker Evans, and Cartier-Bresson.

His latest series of four exhibitions focus on the life and work of the French photographer Eugene Atget. Szarkowski has written many books on photography and its practitioners, with a number of these books becoming the standard sources for the photographic art field.

He has received two Guggenheim Fellowships, in 1954 and 1961, for his own photography which makes him a recognized practitioner as well as a critic. In 1975 he was named a member of the J.J. Guggenheim Memorial Foundation Advisory Board. In 1964 Szarkowski was a founding member of the Society of Photographic Education.

Woolhouse has achieved international distinction for his work on plant physiology and metabolism. He was lecturer and senior lecturer in botany at the University of Sheffield (1960-69), and then professor and head of the department of botany at the University of Leeds (1969-80). He has been a guest speaker at numerous international conferences, presented invited lectures at a number of meetings of the British Association for the Advancement of Science, served as visiting professor at the University of Southern California in 1968, and

Kurt L. Hanslowe

A memorial service for Kurt L. Hanslowe, who died July 7, 1983, at the age of 56, will be held at 5:30 p.m. Friday, Sept. 23, in Sage Chapel on the Cornell University campus.

Mr. Hanslowe, professor of law and of industrial relations, joined the Cornell faculty in 1958. In addition to his scholarly work, he was an active labor arbitrator, mediator and consultant.