

Cornell Chronicle

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Thursday, September 27, 1984

Final Settlement Announced in 'Cornell II' Case Brings an End to Lawsuit First Filed in 1980 by Five Former Faculty

Cornell University has announced that its lawyers and lawyers for the plaintiffs in *Zahorik v. Cornell* filed with the U.S. District Court in Syracuse an agreement to settle the remaining issues in this four-year-old lawsuit.

Cornell President Frank Rhodes said, "I hope that by settling this long-standing case, and avoiding the excessive costs in both dollars and time of continuing litigation, we can now give our undivided attention to the important work of the university. Our continued fairness and scrupulous attention to each faculty appointment will help to assure excellence of all faculty appointments and promotions."

The lawsuit was filed in 1980 by five former faculty members who alleged that their failure to win tenure or reappointment had been based on sex discrimination. They also alleged sex discrimination in compensation and in other terms and conditions of employment.

During the past year, the U.S. District Court and the U.S. Court of Appeals dismissed the plaintiffs' tenure claims. Both courts found no evidence to support the plaintiffs' claims of sex discrimination. These findings echoed an earlier decision of the Office of Federal Contract Compliance of the U.S. Department of Labor that found no evidence to support any claim of sex

discrimination at Cornell. The remainder of the case as settled involves claims regarding compensation and other working conditions.

Under the settlement, the sum of \$100,000 will be divided among the five plaintiffs and thirty-two other persons who assisted the plaintiffs in prosecuting the lawsuit. The sum of \$90,000 for legal fees and litigation expenses will be paid to the plaintiff's attorneys. The university, as part of its continuing commitment to attracting and keeping the most highly qualified women to be found in the nation, will provide an additional \$60,000 to be used for the professional development of women

faculty at Cornell.

University Counsel Walter Relihan commented: "The university's decision to settle this case is based on its belief that no purpose would be served by a prolongation of this already protracted and divisive controversy. The decisions of the District Court and the Court of Appeals have already vindicated, in the strongest possible terms, the professional integrity of the many professors and deans who carefully weighed the qualifications of the plaintiffs and passed judgment upon their employment at Cornell. The freedom and responsibility of the Cornell University faculty to make employment decisions based upon the highest standards of quality are now beyond doubt or further legal challenge."

The settlement agreement specifically provides that it does not constitute an admission of liability by the university. The university's position continues to be that if this case had gone to trial, the evidence would have demonstrated that, as in the case of tenure, there has been no discrimination on the basis of sex in compensation at Cornell.

Pursuant to the Federal Rules of Civil Procedure which govern settlements of cases of this kind, the documents recently filed in the U.S. District Court ask Judge Munson to schedule a hearing to determine whether the settlement is fair, reasonable and adequate. Cornell is confident that the settlement is reasonable and in the best interest of both the plaintiffs and the university, Relihan said.



Opening game against Princeton last Saturday at Schoellkopf Field brought a crowd of 16,300 and the traditional response to the halftime cry of "Freshmen on the field!" to greet the team. Cornell lost 17-9 in a game fraught with turnovers. (Story on Page 12.)

Ag College Honors Three Alumni

"Outstanding Alumni Awards" were presented last Saturday to three graduates of the State College of Agriculture and Life Sciences.

Stanley W. Warren of Ithaca, Clifford F. Luders of East Aurora, and Frank L. Wiley of Victor, all New York state, received their awards during the 1984 "Autumn Roundup" and "Bailey Day" sponsored by the alumni association of the College of Agriculture and Life Sciences.

More than 500 friends and graduates of the college from across New York took part in activities that focused on the life and accomplishments of Liberty Hyde Bailey, first dean of the college.

Stanley W. Warren, professor emeritus of farm management, received the B.S. (1927) and Ph.D. (1931) degrees from Cornell. Upon completion of his graduate work, Warren traveled to China where he joined

J. Lossing Buck in pioneering studies of Chinese agriculture. Warren joined the Cornell faculty in 1933 in the department of agricultural economics. In 1948, he was honored with the first "Professor of Merit" award by undergraduates in the college; in 1967 he received the "Distinguished Undergraduate Teacher Award" from the American Agricultural Economics Association. Warren, who retired in 1972, has served as treasurer of the college's alumni association.

Clifford F. Luders taught vocational agriculture in Erie County, New York, for 40 years. During his career, Luders served as president, vice president, secretary, and treasurer of the Association of Teachers of Agriculture in New York. As president and vice president of the college's alumni association, Luders was instrumental in initiating many association activities, and

has served as an alumni ambassador to more than 34 high schools in Erie County. Active in several agricultural organizations, Luders earned the B.S. (1938) and M.Ed. (1957) degrees from Cornell.

Frank L. Wiley is owner/operator of FranLee Farms, a 400-acre registered Guernsey and cash crop farm. A 1944 graduate of Cornell, Wiley has contributed his time and expertise through various state and national organizations to improve breed quality, marketing opportunities, and agricultural legislation. Wiley is active in several breeding organizations and marketing cooperatives, and has been New York State Fair Swine Superintendent for three decades. He serves on the advisory board of the department of animal science at Cornell.

John R. Opel, chairman of the board and CEO of IBM, will deliver an address on a topic of national economic importance on Tuesday, Oct. 2, as Cornell University's sixth Hatfield Fellow. Opel will give his public lecture at 4:45 p.m. in Uris Hall



Auditorium after spending a day in several Cornell classes and seminars. Under Opel's leadership, IBM unveiled its innovative, first, low-cost personal computer in 1981. Last April, *Financial World* magazine named Opel Chief Executive Officer of the Year.

Dyson Talk One Highlight of Salpeter Symposium

'Highlights of Modern Astrophysics' Title of Three-Day Event

"Science and Space" will be the topic when Freeman Dyson, professor of physics at the Institute for Advanced Study, Princeton University, delivers a public lecture at 8:30 p.m. Monday, Oct. 1, in Statler Auditorium.

The Dyson talk is part of a three-day symposium, "Highlights of Modern Astrophysics," honoring Cornell Professor of Physical Sciences Edwin E. Salpeter on the occasion of his 60th birthday. All lectures in the symposium are free, open to the public and will take place in Statler Auditorium.

More than 200 scientists are expected to attend the symposium, Oct. 1 through 3.

Speaking on the topic of nuclear and particle physics will be William A. Fowler, professor of physics at the California Institute of Technology and the 1983 Nobel laureate in physics. Fowler's lecture, "What Would Nuclear Astrophysics Be Without Ed Salpeter?" is scheduled for 9:15 a.m. Monday, Oct. 1. Columbia University Professor of Physics Malvin A. Ruderman will follow with a speech on "New and Old Neutron Stars" at 10:30 a.m. Monday, Oct. 1.

Hans A. Bethe, Cornell professor of physics emeritus and the 1967 Nobel laureate in physics, will open the afternoon session on stellar structure and evolution with a lecture, "Theory of Supernova Explosions," at 2 p.m. Monday, Oct. 1. John N. Bahcall, professor of theoretical physics at the Institute for Advanced Study, will discuss "Solar Neutrinos" at 3:30 p.m.

The session on relativistic astrophysics includes Kip S. Thorne, professor of theoretical physics at California Institute of Technology, "Black Holes: The Membrane Viewpoint," at 9 a.m. Tuesday Oct. 2, the second day of the event. Martin J. Rees, professor of astronomy and experimental philosophy at University of Cambridge, will speak on "Black Hole Models of Active Galactic Nuclei" at 10:30 a.m. that same day, while Stanford University Professor of Physics Robert V. Wagoner will address the topic of "Myth and Reality in Cosmology," at 11:15 a.m. Tuesday.

Two speakers on interstellar matter will be Edward M. Purcell, professor of physics emeritus at Harvard University and the 1952 Nobel laureate in physics, "Physics of the Interstellar Dust," at 2:30 p.m. Tuesday, Oct. 2; and George B. Field, Harvard professor of astronomy will review "Theory of the Interstellar Medium," 3:45 p.m. the same day.

Speakers on observational astronomy will be Vera Rubin, staff member of the Carnegie Institute Department of Terrestrial Magnetism, who will discuss "What's the Matter in Spiral Galaxies?" at 9 a.m. Wednesday, Oct. 3; California In-

stitute of Technology Professor of Radio Astronomy Marshall H. Cohen will discuss "Evidence for Relativistic Motion in Quasars," at 10:30 a.m. Wednesday; and Director of the Space Telescope Science Institute Riccardo Giacconi will review "Space Telescope and Cosmological Research," at 11:15 a.m. Wednesday.

Salpeter, who serves as a professor of physics, astronomy and nuclear studies and is director of the Center for Radiophysics and Space Research at Cornell, is a special-

ist in theoretical physics, astrophysics and radio astronomy. He holds the title of the James Gilbert White Distinguished Professor in the Physical Sciences at Cornell.

Edwin Salpeter was born Dec. 3, 1924, in Vienna. He earned bachelor's and master's degrees from Sydney University and a Ph.D. in theoretical physics from Birmingham University before joining the Cornell staff as a research associate in 1949. He was appointed professor in 1957 and as director of Center for Radiophysics and

Space Research in 1981.

Awards to Salpeter include the J.R. Oppenheimer Memorial Prize for his contributions to nuclear physics and relativistic astrophysics and the Royal Astronomical Society's Gold Medal for his contributions to theoretical astrophysics. The University of Chicago and Case Western Reserve University have awarded honorary doctor of science degrees to Salpeter.

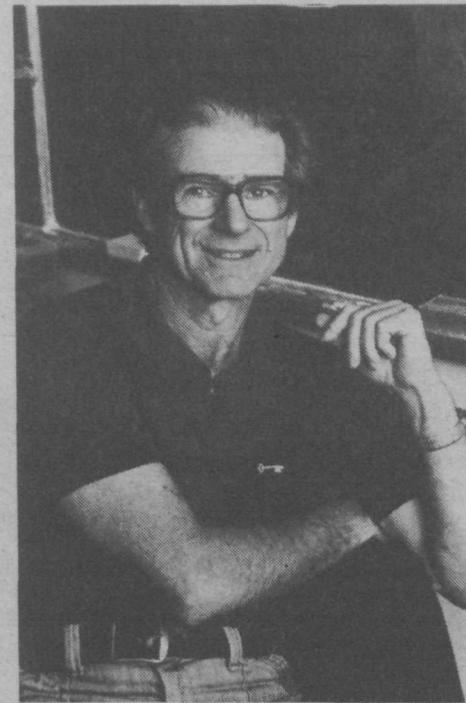
Edwin Salpeter: Event Recognizes His 30 Years Of Significant Contributions to Astrophysics

More than 30 year's of contributions to the science of astrophysics will be noted when physicists and astronomers from around the world gather here, beginning Monday, for a three-day symposium honoring Edwin E. Salpeter on the occasion of his 60th birthday.

All lectures in "Highlights of Modern Astrophysics," including the talk by Freeman Dyson, "Science and Space," at 8:30 p.m. Monday in Statler Auditorium, are open to the interested public at no charge.

Major contributions by Salpeter date back almost to the start of his association with Cornell, as a research associate in 1949. In 1951 he and Hans Bethe developed a wave equation for relativistic bound-state problems, which is still used in fundamental particle theory. The theorist used this Bethe-Salpeter equation to calculate various relativistic corrections in quantum electrodynamics.

Salpeter showed that, because of the metastability of Beryllium-8, the nuclear conversion of helium into carbon, oxygen and neon is the eventual energy source in red giant stars. He applied this "triple-alpha reaction," and other improvements in thermonuclear reaction rates, to stellar evolution calculations. Salpeter showed that the "initial mass function" (birth rate of stars of different masses, or Salpeter function) is very different from present-day observed stellar statistics.



EDWIN E. SALPETER

He developed the physics of dense, condensed objects, showing that white dwarf stars have a finite minimum radius (because of inverse beta-decays, studies he

conducted with T. Hamada in 1961). In 1961 Salpeter discussed accretion onto black holes as an energy source for quasars. He showed how molecular hydrogen is produced on the surface of dust grains (with R.J. Gould) in 1963. He developed the theory of incoherent backscatter from a plasma in 1960 and 1961, including the "electron plasma line" that is used as a diagnostic both for the ionosphere and in plasma fusion. He worked on the theory of interplanetary and interstellar scintillations in the late 1960s and on various neutrino processes in the early 1970s.

In 1974 Salpeter turned his attention to nucleation and growth of interstellar dust grains, and to the energy balance in the interstellar medium. He showed, in 1973, how gravitational layering of helium can act as an energy source in the evolution of the major planets.

Salpeter has collaborated with radio astronomers to study the neutral hydrogen properties in our Galaxy and the dynamics in clusters of galaxies.

Edwin Salpeter holds the bachelor's and master's degrees from Sydney University and earned a Ph.D. from Birmingham University. Since 1981 he has served as director of the Center for Radiophysics and Space Research. A member of the Cornell faculty in physics, nuclear studies and astronomy, he holds the title of the James Gilbert White Professor of Physical Sciences.

Searle Receives Senior U.S. Scientist Award

Shayle R. Searle, professor of biological statistics here, is the recipient of a "Senior U.S. Scientist Award" from the Alexander von Humboldt Foundation in the Federal Republic of Germany.

Given to outstanding American scientists who have gained an international reputa-

tion, the award recognizes Searle's accomplishments in research and teaching in biological statistics.

As the winner of this honor, the Cornell scientist has been invited to Germany to conduct research for an extended period of time. Searle plans to be at the University of Augsburg for four months in 1985 and another four months in 1986.

Searle is a specialist in linear model techniques for evaluating sources of statistical variability in experimental data. He has been a faculty member in the biometrics unit in the department of plant breeding and biometry in the State College of Agriculture and Life Sciences since 1962.

Author or co-author of numerous technical papers, Searle has written four books dealing with mathematics and statistics: "Matrix Algebra for the Biological Sciences" (1966), "Matrix Algebra for Business and Economics" (1970), "Linear Models" (1971), and "Matrix Algebra Useful for Statistics" (1982).

Born in New Zealand, Searle received B.S. (1949) and M.S. (1950) degrees from Victoria University of Wellington (New Zealand), a diploma (1953) in mathematical statistics from Cambridge University (England), and the Ph.D. (1955) from Cornell.

Plantations Plans Fall Foliage Tours

Guided bus tours in and around some of the campus' natural areas are offered as part of Cornell Plantations' Fall Foliage Open House, from 1 to 4 p.m. Sunday Sept. 30.

All portions of the open house, including an audiovisual presentation on the history and future of Beebe Lake and tours of the Plantations specialty gardens, are open to the public at no charge. In case of a downpour, the open house will be held at the same time Sunday, Oct. 7.

The bus tours leave "B" parking lot

every 20 minutes between 1 and 4 p.m. and last about one hour. Parking on Plantations ground will not be permitted during the open house.

One focus of the guided tours will be the geological history of the campus, including the arboretum, Fall Creek and Beebe Lake. The newly designed international crops garden will be open for inspection.

More information on the open house is available by calling 256-3020.

Cornell Chronicle

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

Helping Freshmen Adjust To New Lives at Cornell

By Sandra G. Stein, Ph.D. '79
Dean of Students Office

A few short weeks ago, 3,000 freshmen joined the Cornell community and began the process — sometimes painful, sometimes euphoric — of adjustment to a new way of life. The little joys and traumas of daily life on the campus will continue to build up over the next few months into the freshman experience. That experience will involve several major aspects of adjustment: academic, personal and social.

There are a variety of resources on campus to help facilitate the adjustment of the freshmen, and new transfer students, to the campus community. One of the major



functions of the Dean of Students Office involves planning for the arrival of the new undergraduates, developing programs to meet their needs, and counseling and advising new students and parents. While the process of adjustment is idiosyncratic to each new student, depending upon the unique strengths, skills and values of the individual, some common factors of adjustment are shared by large numbers of freshmen.

New students at Cornell are faced with new expectations in regard to both the quantity and quality of their academic work. The sheer quantity is enough to cause a student to feel overwhelmed, but even more difficult is the adjustment to being stretched intellectually. It is no longer enough to know the material; students are now expected to critique, interpret, evaluate and integrate what they are learning. Students who knew how to produce the "right" answers in high school are often confused and frustrated to find that the techniques which helped them succeed in the past are no longer adequate. After the first round of prelims, they will wonder what the professor is "looking for." But, somehow or other, they will have started how to learn.

Another aspect of academic adjustment for freshmen involves the adaptation in self-image required by this new and different peer environment. A short time ago, the typical freshman enjoyed the status of outstanding student in the high school environment. Now the freshman is surrounded by other students who were equally outstanding. Many of them were accustomed to being rewarded with A's for most, if not all, of their academic pursuits. In competition with peers who have had the same kind of track record, it is no longer realistic to expect to be at the top of the class in every course. New students must learn to set their own goals and evaluate themselves according to the progress they make in order to establish academic self-confidence in their new environment.

Even more immediate and pervasive are the demands placed upon the freshmen by the need to handle their personal affairs without the daily support of their parents. New students are suddenly responsible for making their own decisions about the details of daily living: what to eat, whether to drink, when to go to sleep, how to get the laundry done.

Many new students learn to manage their daily lives by trial and error. After so many weeks of subsisting on desserts they will return to a balanced diet. And when they get used to the idea that if they stay up all night they will pay for it the next day, they begin, perhaps reluctantly, to spend some of their precious time in sleep. In short, after years of being taken care of, they learn to take care of themselves.

Learning to live with one or more roommates is another part of the freshman experience. Roommates may come from different socioeconomic circumstances, different cultural backgrounds or different countries. Many of the new students have always had a room of their own at home. Now they must learn to share their space with another person who may have very different values, requiring compromises on all kinds of issues. Differences arise about how to decorate the room or when to turn off the stereo. Individual needs for social and quiet times must also be negotiated. In spite of the initial difficulties this poses, the process of adjustment involves learning to understand and accommodate one another's differences, while also standing up for one's rights. Through coping and compromising, the students develop useful skills for dealing with other situations.

Most new students will have to cope with bouts of loneliness during their first weeks at Cornell. Many students are homesick for their family, friends and familiar surroundings. Parents often express surprise about this

phenomenon, since so many freshmen already have experienced prolonged absences from home during vacations spent in traveling, studying elsewhere, or at summer camp. However, something makes it feel different this time: new students know they will never go home again in quite the same way, never return to being the child in the nuclear household again.

New students are also faced with the need to adjust to a brand-new peer group. For many, the social pressures can be the most difficult ones to handle. They sorely miss their high school friends and are not yet quite comfortable with the new faces and names which will come to mean so much to them in the coming months.

There is also a tendency for new students to believe that everyone around them is happy and secure, and to feel that they are different. This notion may be applied to academics, social life or career decisions. Through developing new friendships and sharing their feelings, most students will find that they are not alone in their concerns. However, it will take time for this kind of self-help interaction to develop. They forget that the friendships made in high school also had to be developed over time. Fortunately, for most, as the term progresses, the new-found friends become increasingly important as a source of happiness and support.

Academic, personal and social adjustment are all inter-related. A specific problem in any one area will have an impact on the students' adjustment in the other areas. For example, a student with academic problems will begin to feel personally inadequate, while a student with personal or social problems will have difficulty concentrating on academics.

The Dean of Students Office is one of several campus departments which provide support in various ways for all aspects of the adjustment process. The general purpose of the many services and programs is to facilitate the intellectual, personal and social development of the students. This includes helping new students to comprehend their new environment by developing their understanding of the functions and workings of the university; teaching new students strategies for helping themselves in their new environment; developing students' capacities to help other students; and helping students to develop social skills and leadership abilities.

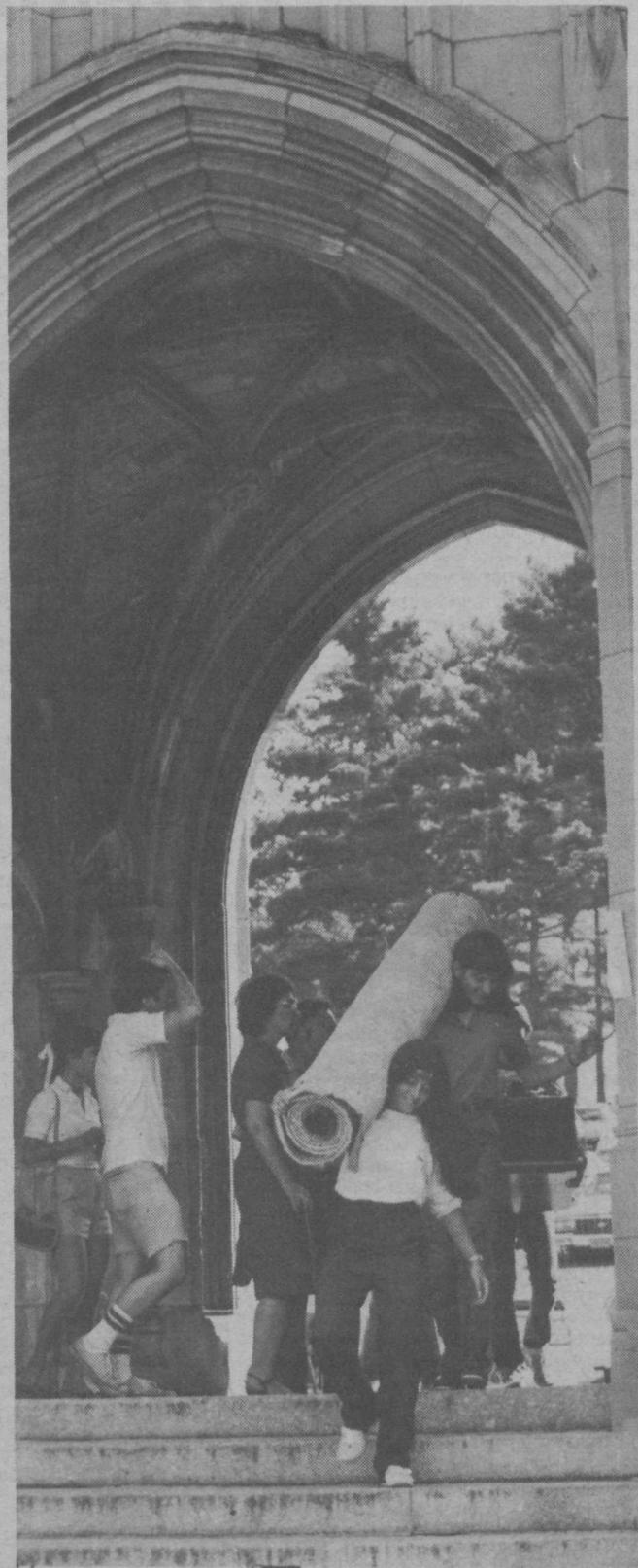
Because Cornell is such a large place, it can be very intimidating to the freshmen. Programs sponsored by the Dean of Students Office attempt to break Cornell down to manageable size and provide opportunities for students to meet one another in small group settings. This begins on the very first day when new students are assigned in groups of 10 to an Orientation Counselor, whose responsibilities include helping the freshmen to make new friends.

Informal small group activities with faculty are also offered at Orientation and throughout the year. Since freshman classes typically are very large, these programs provide opportunities for new students to interact with professors on a more personal basis. This kind of experience helps freshmen in approaching their professors when they have academic questions or problems.

Freshmen also may enroll in Personal Growth Workshops, which are small, support groups led by faculty-student or staff-student co-facilitators. The groups focus upon both general personal growth and specific student issues, such as building self-esteem, developing satisfying relationships and coping with stress. In addition, trained EARS peer counselors are available in person or by telephone to talk over any problem or question a freshman may have, but also just to talk to a lonely student.

Parent programs have also been developed to help parents to support the process of freshman adjustment. The transition for the new student may be facilitated by providing families with information about the freshman experience and the university. This is accomplished by programs during Orientation and Parents' Weekend and by mailings to parents of new students prior to and after their arrival on campus. Mailings to parents include information about the many services at Cornell which can provide academic assistance and personal counseling to their new students. Since freshmen often turn first to their parents when confronted with a problem, this kind of information helps parents to become a referral source for their new student.

Prior to arrival, new students receive a great deal of information in the mail, including an orientation brochure. Orientation programming is designed to address both general and specific adjustment needs of the new students and their families, and special programs are offered after orientation to continue facilitating their adjustment.



While generalizing about these aspects of adjustment, it is important to note that the Cornell freshman class is characterized by its diversity. There are various groups of new students with quite different adjustment needs. For example, foreign students, minority students, students from small rural areas, and students with parents who are separated or divorced may need different kinds of support. Other new students had interrupted their education and are significantly older than their peers; some have spouses, and some have children of their own. Informal and formal efforts are made to assist with the particular adjustment of all these groups. An attempt is made to help them identify and support one another, while also attempting to integrate them into the more general new student programs.

In addition to the programs provided by the Dean of Students Office, there are a variety of other campus counseling and advising services dealing with academic, career, personal and social concerns. The Dean of Students Office has compiled a one-page descriptive directory of these services called the "Gray Sheet," which was distributed to the freshman by their Orientation Counselors. It is available from the office upon request.

Although almost every freshman will experience some of the pangs of adjustment, there are many resources to deal with their concerns. The result is that sometime along the way, most of the new students are able to look back and reminisce fondly about their freshman experience at Cornell.

Calendar

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

*—Admission charged.

Announcements

Cornell Press Book Sale

Cornell University Press will hold a sale of more than 500 titles of books in a wide variety of subjects from 9 a.m. to 9 p.m. today and Friday and 9 a.m. to 5 p.m. Saturday in Noyes Center. The sale is open to the public.

CRESP Course

"Dreamtime: An Exploration of Primitive Ways" sponsored by the Center for Religion, Ethics, and Social Policy at Cornell. Led by Peter Fortunato, the course stresses body/mind awareness through workshop exercises. Fee is \$35. Course meets Monday, 8-10 p.m. on Oct. 1, 8 at 314 Anabel Taylor Hall. Phone 273-6637 or 256-6486 for further information.

Freedom: The Vision of Vedanta

Cornell South Asia Program, Cornell India Association, and CRESP present a series of four lectures by Swami Dayananda Saraswati on Monday, October 8 to Thursday, October 11 at 8 p.m. in Anabel Taylor Auditorium. Swami Dayananda is a traditional teacher of Vedanta with a remarkable understanding of contemporary Western society. He has been teaching to the public in India for almost two decades and since 1976 has lectured extensively in the West. His unique teaching style is clear and always lively, infused with his love for teaching and for his listeners. For further information, call 256-6486.

Israeli Student Organization

Organization will have a get-together on Sunday, September 30 at 5 p.m. in Anabel Taylor Forum. Call Lynne 257-4764 or Normi at 277-3482 for more information.

Student Finance Commission

How would you like to spend \$200,000? The Student Finance Commission is looking for new members to help allocate funds. No experience is necessary but enthusiasm is required. The applications are available now. Pick up at Noyes, RPU, or WSH main desks or stop by our office, 530 Willard Straight Hall.

Personal Effectiveness Seminar

CRESP and Transformation Workshops are presenting a new eight-week course with Let Davidson, Ph.D., on building the personal qualities and skills essential for improved effectiveness in daily living. Emphasis is on developing creativity, handling problems, insight, self-knowledge, commitment and life purpose, vitality and peace. Meets Thursdays 7-10 p.m., beginning October 11. For information and registration call Let Davidson at 272-4131.

Intramural Squash (Men, Women, Co-ed) (Singles except Co-ed)

Deadline on entries is Wed., Oct. 3 at 4 p.m. in the Intramural Office, Helen Newman Hall. Schedules will not be mailed. \$2 per team to enter, due with your roster. Checks only payable to Dept. of P.E. & Ath., Intra. Div. Plays starts Mon., Oct. 22, evenings at 9 p.m. and 10:30 p.m. Monday thru Thursday. Straight elimination tournament. When submitting your entry, you will sign the tournament schedule posted in the Intramural Office on the bulletin board. Additional information available in the IM Office.

Experimental College

Courses will be offered in areas of dance, exercise, arts and hobbies, special interest, food, and drink. Course registration will be held in the Willard Straight Memorial Room. Bartending Registration on Monday, Oct. 1 from 6-8 p.m.; Dance Course Registration on Tuesday, Oct. 2 from 6-8 p.m. All other courses and unfilled bartending and dance course registration on Wednesday, Oct. 3 from 6-8 p.m. Late registration will be held Oct. 4 & 5 from 10 a.m.-3 p.m. in Room 538, Willard Straight Hall. Brochures listing course descriptions and registration details will be available at Noyes Center, Robert Purcell Union, Willard Straight Hall and the Day Hall Information and Referral Center.

International Debt Crisis

The International Association of Camel

Breeders announces a symposium on the International Debt Crisis to be held on Thurs., Sept. 27 at 8 p.m. in Goldwin Smith Lecture Room D. Featured speakers are Cheryl Payer, author of "The Debt Trap"; Tom Davis, Economics; Maureen O'Hara, Finance, Grad. School of Management; David Blandford, Agricultural Economics, recently with the Organization for Economic Cooperation and Development in Paris. Porus Olpadwala, International Studies in Planning, City and Regional Planning Department, moderator.

Personal Growth Workshops

Short-term, small skills building and support workshops, free and confidential. Topics include: Assertiveness, Building Self-Esteem, Building Satisfying Relationships, Stress Management, Women, Food and Self-Esteem, Coming Out, Breaking Away from the Home, Coping with Parental Divorce, Sex Roles and the Real Me, Black Women and Self-Discovery, Overcoming Writers' Block & General Personal Growth. Workshops are offered by the Dean of Students Office. To sign up or for more information, call 256-3608 or stop by 103 Barnes Hall. Open to all in the Cornell Community.

Dance

The Cornell Folkdancers

The Cornell Folkdancers teach folkdancing every Wednesday and Sunday night from 7:30-9 p.m.; followed by request dancing till 10:30 p.m. Beginners welcome, free, no partners needed, information at 257-3156 or 256-7149. Location for Sundays is in the North Room of Willard Straight Hall, and for Wednesdays the lounge of Upson Hall, through October.

Cornell Jitterbug Club

The Cornell Jitterbug Club will dance on Wednesdays from 9-11 p.m. in the Anabel Taylor Edwards Room. Beginners taught from 9-10 p.m. For information, call 273-5268.

Exhibits

Herbert F. Johnson Museum

"John B. Brady: 1953-1983, prints and Drawings," through Oct. 28. "Cornell University Art Department Faculty Exhibition" through Oct. 28. "Contemporary Chinese Painting: An Exhibition from the People's Republic of China" through Oct. 28.

Films

Unless otherwise noted films are sponsored by Cornell Cinema.

Thursday

Sept. 27, 12:20 p.m. Warren 32. Rural Sociology 104 film: "The Russians: The people of the Country" (USSR). Instructor: Chil Mirtenbaum.
Sept. 27, 8 p.m. *Uris Hall Auditorium. "Burning an Illusion" (1981), directed by Menelik Shabazz. Free. Sponsored by New York Council for the Humanities and partially funded by NYSCA.

Friday

Sept. 28, 6:30 p.m. *Statler Auditorium. "Romancing the Stone" (1984), directed by Robert Zemeckis, with Michael Douglas, Kathleen Turner.
Sept. 28, 9 p.m. *Statler Auditorium. "The Tin Drum" (1979), directed by Volker Schlöndorff, with David Bennent, Mario Adorf, Angela Winkler.

Sept. 28, 10 p.m. *Uris Hall Auditorium. "El Norte" (1982), directed by Gregory Nava, with Zaide Sylvia Gutierrez.
Sept. 28, 12 midnight *Statler Auditorium. "Enter the Dragon" (1973), directed by Robert Clouse, with Bruce Lee, John Saxon.

Saturday

Sept. 29, 7 p.m. *Uris Hall Auditorium. "El Norte."
Sept. 29, 8 p.m. *Statler Auditorium. "Romancing the Stone."
Sept. 29, 10 p.m. *Uris Hall Auditorium. "The Tin Drum."
Sept. 29, 10:30 p.m. *Statler Auditorium. "Enter the Dragon."

Sunday

Sept. 30, 2 p.m. Johnson Museum Lecture Room. Film/Video: Animations and Graphics (Program Five). Films by Robert Breer, Ken Kobland, and others. Free. Co-sponsored by American Federation of Arts and the New York State Council on the Arts.

Sept. 30, 8 p.m. *Uris Hall Auditorium. "D.O.A." (1981), directed by Lech Kowalski, with The Sex Pistols, Dead Boys, Bleecker Bob, Nancy Spungen. Shown with "3 New Wave Bands."

Monday

Oct. 1, 9 p.m. *Uris Hall Auditorium. "Shame" (1969) directed by Ingmar Bergman, with Max

Von Sydow, Liv Ullmann. Film Club members only.

Tuesday

Oct. 2, 4:30 p.m. Rockefeller D. Southeast Asia Film Series: "Southeast Asia: Burma and Thailand"; "Southeast Asia: Malaysia and Singapore"; "Southeast Asia: Vietnam, Cambodia, Laos." General surveys of several countries of Mainland Southeast Asia.

Oct. 2, 8 p.m. *Uris Hall Auditorium. "Calcutta" (1969), directed by Louis Malle' documentary. Shown with "So Far From India" (1982), directed by Mira Nair, documentary.

Wednesday

Oct. 3, 8 p.m. *Uris Hall Auditorium. "The Weavers: Wasn't That a Time?" (1982), directed by Jim Brown, with Pete Seeger, Ronnie Gilbert, Holly Near, Arlo Guthrie. Co-sponsored by Folk Song Club.

Thursday

Oct. 4, 5 p.m. Uris Hall Auditorium. "Years of Famine" (Hungerjahr), (1979), directed by Jutta Bruckner. Co-sponsored with German Literature.

Friday

Oct. 5, 10 p.m. *Uris Hall Auditorium. "Rear Window" (1954), directed by Alfred Hitchcock, with James Stewart, Grace Kelly.

Saturday

Oct. 6, 7:30 & 10 p.m. *Uris Hall Auditorium. "A Woman in Flames" directed by Robert Van Ackeren, with Gundron Landgrebe and Mathew Carriere.

Oct. 6, 9 p.m. *Statler. "Rear Window," (1954

Oct. 6, midnight *Statler. "Harold and Maude."

Sunday

Oct. 7, 2 p.m. Johnson Museum Lecture Room. Film/Video: Animations and Graphics (Program 6). Video art by Dan Sandin, Barbara Latham and others. Co-sponsored with American Federation of Arts and the New York State Council on the Arts.

Oct. 7, 8 p.m. *Uris Hall Auditorium. "Invitation to the Dance" (1952), directed by Gene Kelly, with Gene Kelly, Claire Sombert. Shown with "Ritual in Transfigured Time" directed by Maya Deren, with Maya Deren, Anais Nin.

Lectures

Thursday

Sept. 27, 12:15 p.m. Uris Hall 360. Western Societies Program brown bag lunch lecture: "New Forms of Workers' Participation in Management in Europe and America." Bruno Giuliani, Deputy Director of the CISL Study Center, Florence, Italy.

Sept. 27, 12:20 p.m. 102 West Ave. Southeast Asia Program Luncheon Seminar: "The British Pacification of Burma: Order Without Meaning." Michael Aung-Thwin, Professor of History, Elmira College.

Sept. 27, 7 p.m. Anabel Taylor Founders Room. The Christian Science Organization at Cornell is sponsoring a lecture: "The Basis of True Forgiveness." Arno Preller, member of the Christian Science Board of Lectureship; formerly a Professor at Colorado State University.

Sept. 27, 7:30 p.m. Stimson G-1. Jordani: Natural History Society Lecture: "The Flying Frogs of Puerto Rico." Dr. Margaret Stewart, Distinguished Teaching Professor at SUNY Albany.

Friday

Sept. 28, 7:30 p.m. Anabel Taylor Forum. Free Public Lecture: "The Universal Holocaust." Burbank Mitchell, Dean of N.Y.S. chapter I.D.M.R., Inc., an International Scientific and Religious Research Organization.

Monday

Oct. 1, 4:30 p.m. Goldwin Smith Hollis Cornell Audit. "The Role of Statistical Concepts in Science, Technology and Public Affairs." David R. Cox, Professor of Statistics, Imperial College of Science & Technology, London, and A.D. White Professorat-Large.

Oct. 1, 4:40 p.m. Baker 119. Part of the Baker Lecture Series: "Regiochemical and Stereochemical Control via Free Radical Cyclizations." Gilbert Stork, Columbia University.

Oct. 1, 7:30 p.m. Anabel Taylor One World Room. America and World Community" Now and in the Future. "Building New Age Communities." Peter Caddy, Founder of Findhorn, Scotland.

Wednesday

Oct. 3, 2:30-4:30 p.m. A.D. White House. Society for the Humanities Seminar: "16th and 17th Century Spanish and French Mysticism." Michel de Certeau, Directeur d'etudes at the Ecole pratique des hautes etudes, Paris, Senior Fellow, Society for the Humanities through Oct. 20.

Oct. 3, 4:30 p.m. A.D. White House. "Theory

September 1984

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and Practice of Parody: The Teachings of Twentieth-Century Art Forms." Linda Hutch Associate Professor of English, MacMaster University. Sponsored by Departments of Roman Studies, Comparative Literature, and English.

Oct. 3, 7:30 p.m. Anabel Taylor One World Room. America and World Community: "Human Transformation and World Community." David Let Davidson, Former Professor of History & Director of Human Transformation Workshop.

Thursday

Oct. 4, 12:15 p.m. Uris Hall 360. Western Societies Program brown bag lunch: "Governor by Committee: Collegial vs. Monocratic Leadership in Advanced Societies." Thomas Baylis, Associate Professor of Political Science, University of Texas at San Antonio.

Oct. 4, 12:20 p.m. 102 West Ave. Southeast Asia Program Luncheon Seminar: "Ideology and Practicality: Understanding Malay Behavior." Carol Laderman, Professor of Anthropology, Fordham University.

Oct. 4, 2:30 p.m. "Eastern Europe Today." Skvorecky, Czech and Canadian Novelist. Cornell Auditorium of Goldwin Smith Hall, in conjunction with Economics 329, Government and Russian 329.

Oct. 4, 4:30 p.m. Goldwin Smith Hollis Cornell Audit. Society for the Humanities Lecture: "Humanities and Everyday Life." Catharine Stimpson. Rutgers University; Chair, New York State Council for the Humanities.

Friday

Oct. 5, 4 p.m. Goldwin Smith Hollis Cornell Auditorium. Society for the Humanities Symposium: "The Humanities and Public Policy." Catharine Stimpson, Rutgers; Robert Harris, Africana Studies; Richard Lanham, UCLA; Geoffrey Marshall, NEH; Mary Beth Norton, History; Jonathan Culler, Moderator.

Meetings

Every Tuesday

The Cornell Outing Club meets weekly at 8 p.m. at Japes (behind Noyes Lodge with the canoes on the roof).

Music

Free Viol Concert Scheduled

A free viol concert is scheduled Saturday, Sept. 29, at 8:15 p.m. in Barnes Hall, free and open to the public.

The concert, which will be performed by J. Hsu, Nancy Robbins and Lynden Cranham, will include works from both the virtuoso solo viol and the English viol concert repertoire by composers de Machy, Telemann, Lupo, Gibbons, Jeffreys and Purcell.

Hsu, a specialist in French Baroque music performance, is the Old Dominion Foundation Professor of Humanities and Music at Cornell. He has performed and recorded extensively, including more than 30 solo recitals for Euro radio. Hsu, a graduate of the New England Conservatory of Music, will be the Regents' Lecturer at the University of California, Santa Cruz, during the winter of 1985.

Both Nancy Robbins and Lynden Cranham performers well known to Ithaca audiences. Robbins, a member of the Cayuga Chamber Orchestra, plays the violin and the tenor viol. Cranham joined the viol consort last year and appears often as a cellist. Most recently, she played in a Barnes Hall chamber music program featuring works by Beethoven.

Saturday

Oct. 6, 8:30 p.m. *Bailey Auditorium. Holly Near and Ronnie Gilbert in Concert with John Bucchino, pianist and Susan Freundlich, sign language artist. Cosponsored by The Commons Coffeehouse and The Cornell Folk Song Club.

Religious Announcement

Erev Yom Kippur Dinner

Hillel will sponsor an Erev Yom Kippur Dinner on Friday, October 5 at 5 p.m. in the World Room of Anabel Taylor. Dinner reservations must be arranged and paid for in the Hillel Office by no later than 3 p.m. the day before. Affiliates \$4; NonAffiliates \$6.

Sukkah Building

Sunday, October 7, 2 p.m. in the Courtyard Anabel Taylor.

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Hailed as one of the finest ensembles of its kind in the world, the Academy of St. Martin in the Fields will appear in concert at Bailey Hall on Wednesday, Oct. 3 at 8:15 p.m. Tickets for the performance are available at the Lincoln Hall Ticket Office between 9 a.m. - 1 p.m., weekdays.

Religious Services

Catholic

- Mon.-Fri., 12:15 p.m.** Anabel Taylor Chapel.
Catholic Mass.
- Every Saturday, 5 p.m.** Anabel Taylor Auditorium. Catholic Mass.
- Every Sunday, 9:30 & 11 a.m., 5 p.m.** Anabel Taylor Auditorium. Catholic Mass. Sacrament of Reconciliation by appt. G-22 Anabel Taylor Hall. Christian Science
- Every Thursday, 7 p.m.** Anabel Taylor Founders Room.
- ### Episcopal
- Every Sunday, 9:30 a.m.** Anabel Taylor Chapel.
- ### Friends (Quakers)
- Every Sunday, 9:45 a.m.** Anabel Taylor Edwards Room. Call Anabel Taylor 256-4214 for information.
- ### Korean Church
- Every Sunday, 3 p.m.** Anabel Taylor Chapel.
- ### Lutheran
- Every Sunday, 10:45 a.m.** Worship Service. Sunday Church School at 9:30 a.m.
- ### Muslim
- Every Sun-Thurs., 1 p.m.** Anabel Taylor 218.
Every Fri., 1 p.m. in Anabel Taylor Edwards Room.
- ### Protestant Cooperative Ministry
- Every Sunday, 11:15 a.m.,** Anabel Taylor Chapel.

Seventh Day Adventists

Every Friday, 7:30 p.m. Anabel Taylor Room 314.

Thursday

Sept. 27, 9 a.m. Anabel Taylor Edwards Room. Rosh Hashanah Services (Orthodox Minyan).
Sept. 27, 10 a.m. & 7 p.m. Statler Auditorium. Rosh Hashanah Services (Conservative/Egalitarian Minyan).
Sept. 27, 10 a.m. Anabel Taylor Auditorium. Rosh Hashanah Services (Reform Minyan).
Sept. 27, 6 p.m. Tashlich. At the stream alongside Willard Straight Hall.

Friday

Sept. 28, 9 a.m. Anabel Taylor Edwards Room. Rosh Hashanah (Orthodox Minyan).
Sept. 28, 10 a.m. Statler Auditorium. Rosh Hashanah (Conservative/Egalitarian Minyan).
Sept. 28, 6 p.m. Anabel Taylor Founders Room.

Shabbat Services (Conservative/Egalitarian Minyan).

Sept. 28, 6 p.m. Anabel Taylor Chapel. Shabbat Services (Reform Minyan).

Sept. 28 Call 272-5810 for information about the Orthodox Minyan.

Saturday

Sept. 29, 9:15 a.m. Anabel Taylor Edwards Room. Shabbat Services (Orthodox Minyan).

Sept. 29, 10 a.m. Anabel Taylor Chapel. Shabbat Services (Conservative/Egalitarian).

Sunday

Sept. 30, 11 a.m. Sage Chapel. Preacher: John A. Taylor, University Unitarian Universalist Chaplain.

Friday

Oct. 5, 6:45 p.m. Anabel Taylor Edwards Room. Erev Yom Kippur Services (Orthodox Minyan).

Oct. 5, 6 p.m. Statler Auditorium. Erev Yom Kippur Services. (Conservative/Egalitarian Minyan).

Oct. 5, 8:15 p.m. Anabel Taylor Auditorium. Erev Yom Kippur Services (Reform Minyan).

Saturday

Oct. 6, 8:30 a.m. Anabel Taylor Edwards Room. Yom Kippur Services (Orthodox Minyan). Mincha 5 p.m. Concluding 6 p.m.

Oct. 6, 10 a.m. Statler Auditorium. Yom Kippur Services (Conservative/Egalitarian Minyan). Concluding 5 p.m.

Oct. 6, 10 a.m. Anabel Taylor Auditorium. Yom Kippur Services (Reform Minyan). Concluding 5 p.m.

Sunday

Oct. 7, 11 a.m. Sage Chapel. Preacher: Gail V. Riina, Assistant Director, Cornell United Religious Work.

Seminars

Biophysics: "Studies of Cell-Cell Interactions Using Flow Cytometry," Dr. David Segal, National Cancer Institute, 4:30 p.m. Wednesday, Oct. 3, Clark Hall 700.

Communication Arts: "Communication and Public Opinion," Prof. Carroll J. Glynn, Cornell University, Communication Arts Graduate Teaching and Research Center, 2:30 p.m. Friday, Sept. 28, 600 Stewart Ave., room 3.

Chemical Engineering: "Transport Phenomena in Space Processing," Prof. R. Shankar Subramanian, Department of Chemical

Engineering, Clarkson University, 4:15 p.m. Tuesday, Oct. 2, Olin 145(A).

Design and Environmental Analysis: "Fabrics as Liquid Barriers," Dr. Harolyn Perkins, Textile Research Institute, 4:30 p.m. Tuesday, Oct. 2, 317 Martha Van Rensselaer Hall.

General Chemistry: "Workers' Perceptions of Risk," Dorothy W. Nelkin, Department of Sociology, Program on Science, Technology and Society, 4:40 p.m. Thursday, Oct. 4, 119 Baker.

Environmental Research: "Practicing Environmental Law in a Large Corporate Firm," Ken Rubin, Partner with the Washington, D.C., firm of Morgan, Lewis and Bockius, 8 p.m. Monday, Oct. 1, 110 Hollister Hall.

Food Science: "The Use of Electron Microscopy in Food Research," Dr. Miloslav Kalab, Food Research Institute, Agriculture Canada, 4:30 p.m. Tuesday, Oct. 2, Stocking 204.

Interdisciplinary Research: "The Akwesasne Study: Industrial Pollution/Breast Milk Toxins Research at the St. Regis Mohawk Indian Reservation," Katsi Cook, Lin Nelson, Ron LaFrance, American Indian Studies Program, 12:15 p.m. Thursday, Oct. 4, 401 Warren Hall.

Materials Science and Engineering: "Thin Particulate Layers on Smooth Substrates," Dr. G. Y. Onada, IBM Yorktown Heights, 4:30 p.m. Thursday, Sept. 27, 140 Bard Hall.

Materials Science and Engineering: "Research on Interfaces in Crystalline & Glassy Materials," Prof. K. Aust, University of Toronto, 4:30 p.m. Thursday, Oct. 4, 140 Bard Hall.

Microbiology: "Can Anaerobes Destroy Pollutant Chemicals: A Look at Reductive Dechlorination and Ether Cleavage," Dr. James Teidje, Michigan State University, 4:30 p.m. Thursday, Sept. 27, 124 Stocking Hall.

Natural Resources: "The Threat of Natural Resources Degradation to World Food Supply," David Pimentel, professor of entomology and member of the Graduate Field of Natural Resources, 4 p.m. Thursday, Sept. 27, Fernow 304.

Operations Research: "Hamiltonian Cycles in Striped Graphs: Theory and Application," Prof. Robert S. Garfinkel, University of Tennessee and AT&T Bell Laboratories, 4:30 p.m. Tuesday, Oct. 2, Upson 111. Refreshments at 4 p.m. in the third floor lounge of Upson.

Ornithology: "Singing and Song Composition in Hump-backed Whales," Katy Payne, 7:45 p.m. Monday, Oct. 1, Laboratory of Ornithology.

Parasitology: "Interaction Between a Nematode Parasite and its Mouse Host," Dr. George Gibson, Department of Pathology, State College of Veterinary Medicine, 3:30 p.m. Thursday, Oct. 4, Diagnostic Laboratory Conference Room, State College of Veterinary Medicine.

Pharmacology: (Joint Seminar) with Neurobiology and Behavior "Single Ion Channels in Central Neurons," Dr. Owen Hamill, candidate for positions in Pharmacology and Neurobiology and Behavior, Max-Planck Institut fur Biophysikalische Chemie, Gottingen, Federal Republic of Germany, 12:30 p.m. Thursday, Sept. 27, Morrison Seminar Room, 1st Floor Atrium, Seeley Mudd and Corson Halls.

Physiology: "Magnesium and Sulphate Transport by Brush Border Membrane Vesicles of Winter Flounder Renal Tubules," Larry Renfro, University of Connecticut-Storrs, 4:30 p.m. Tuesday, Oct. 2, G-3 Veterinary Research Tower.

Plant Biology: "The Electrophysiological and Biochemical Study of Electrogenicity and the H⁺-ATPase in Soybean Roots," Roger Lew, Section of Plant Biology, Cornell, 11:15 a.m. Friday, Sept. 28, 404 Plant Science Building.

Plant Pathology: "Influence of VA Micorhizae on Growth of Apple Seedlings in Soil from an Apple Replant Disease Site," Tim Stephens; and "Serological Relatedness of SGB to Other Barley Yellow Dwarf Luteoviruses," Jon Hu, Tuesday, Oct. 2, 4:30 p.m. 404 Plant Science Building.

Plasma Studies: "A Stochastic Model for Lower Hybrid Wave Scattering Off Density Fluctuations," Dr. W. Grossmann, Courant Institute of Mathematical Sciences, 4:30 p.m. Wednesday, Oct. 3, 282 Grumman Hall.

Pomology: "Tree Fruit Breeding," Dr. Roger Way, Department of Horticultural Sciences, State Agricultural Experiment Station, Geneva, 4:30 p.m. Thursday, Oct. 4, 404 Plant Science Building.

Poultry Biology: "Origin of Cornell Strains of Chickens," Dr. R. K. Cole, Department of Poultry and Avian Sciences, Cornell, Thursday, Sept. 27, 4:30 p.m., Rice Hall Room 300.

Psychology: "Comparison of Social Organization and Communication in Kangaroo Rats," Dr. Jan Randall, Central Missouri State University, 4:30 p.m. Friday, Sept. 28, 202 Uris Hall.

Toxicology: "The Toxicity of Formaldehyde," Dr. James E. Gibson, vice president and director of research, CIIT, 12:15 p.m. Friday, Sept. 28, NG02 Martha Van Rensselaer Hall.

Sports

Sunday

Sept. 30, 3 p.m. Upper Alumni Field. Men's JV Soccer/Hobart College.

Tuesday

Oct. 2, 4:30 p.m. Schoellkopf. Women's JV Soccer-Binghamton.

Wednesday

Oct. 3, 6 p.m. Schoellkopf. Men's JV Soccer-Oneonta.

Theater

Thurs.-Sat.

Sept. 27-29, 8:15 p.m. *Straight Theatre. Theatre Cornell presents Christopher Durang's wacky, modern comedy, "Beyond Therapy." Reservations may be obtained by calling the Theatre Cornell box office at 256-5165. The office is located on the lower floor of Willard Straight Hall and is open Mon.-Fri. from 1-6 p.m.

Saturday

Sept. 29, 8:15 p.m. Goldwin Smith Kaufmann Auditorium. Kate Kasten: Comedy Theatre. Feminist satire by one woman, many characters, followed by a discussion. Admission \$6. Sponsored by Women's Studies Program.

Thurs.-Sat.

Oct. 4-6, 8:15 p.m. *Straight Theatre. Theatre Cornell presents Christopher Durang's wacky, modern comedy, "Beyond Therapy."

Sunday

Oct. 7, 2:30 p.m. *Straight Theatre. Theatre Cornell presents "Beyond Therapy." Following the performance will be the first of Sunday Matinee Discussions, an open discussion on the production with the actors, director and designers. Free and the public is invited to attend.

Graduate Bulletin

Late initial course registration and/course additions are still possible upon payment of a \$10 processing fee. (Deadline for registration was Sept. 21.) The deadline for dropping courses and changing the grade option is Oct. 26. After that date, a special petition will be required for adds, drops, or changes of any kind, in addition to the \$10 late processing fee.

Graduate students whose employment is other than a teaching assistantship and is in excess of 10 hours per week may be eligible for proration of tuition. Applications are available at the Information Desk, Sage Graduate Center.

Doctoral candidates who have completed three years of residence, taken their 'A' Exam and completed required course work may be eligible for a special tuition rate of \$1000 a semester. Check with Graduate School for details and application forms.

REMINDER: The Graduate School is open from 8:15 a.m. to 4:15 p.m. Monday through Friday.

November 1: Hertz Foundation Applications are now available in the Graduate Fellowship and Financial Aid Office, 116 Sage Graduate Center.

November 1: American Scandinavian Foundation For study in Scandinavia. Open to all fields. Original announcement at the Fellowship Office, 116 Sage Graduate Center for more details.

Barton Blotter

Nearly \$2,000 worth of drapes were reported stolen from buildings in the West Campus area, according to the morning reports of the Department of Public Safety for period of Sept. 16 through 23.

In all, seven thefts were reported involving losses in cash and valuables of \$2,482. These included four fire extinguishers valued at a total of \$105.64; cash, postage and supplies totaling \$74.20 taken from the second floor of Day Hall; \$102.15 in cash taken from 726 University Avenue and \$75 in cash taken from an office in Bard Hall.

Two persons were referred to the Judicial Administrator on charges stemming from separate incidents: for striking another person in the face and the second for possession of stolen books.

One person was charged with driving while intoxicated on campus.

A \$12,000 tractor reported stolen Sept. 14 was found abandoned on Rt. 79 in Brooktondale the following day. The case is being investigated.



Timber cut during the forestry exhibition is gathered by a log loader before shipment from Arnot Forest, some 20 miles from Ithaca. The forest was thinned in keeping with good forestry management practices.



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Forestry At

Some 1,200 visitors turned up on hand, for the 1984 Forestry Demonstration at Cornell University. Sponsored by the New York Forestry Association, the show offered the industry an opportunity to view the latest harvesting equipment in operation. Consumers of forest products can see the wood chips used in lumber production were turned into the finished product. Also participating in the demonstration were the Cornell Department of Natural Resources, the Department of Agriculture's Forest Service, and the New York State Environmental Conservation Division.

Easier and faster than splitting, demonstrated at the forestry exhibition, this log splitter turns logs into firewood in one motion.

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GGERS
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NDOWNERS

Photos by Charle Harrigton;
Text by Roger Segelken

Exhibition The Arnot Forest

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Some Old Ways and Some New Ways



For every forest situation, there's an appropriate way of harvesting the timber. A feller-buncher with its chisel-like jaws can cut a tree in less than a second and carry it away. Other loggers rely on their draft horses to haul timber through difficult terrain.



A total tree chipper feeds logs into its blades and spits out chips into a waiting truck. Wood chips from the exhibition were taken to Cornell's central heating plant where they will be burned to produce steam.

Cornell University

University Personnel Services

Day Hall

Ithaca, New York 14853

607/256-5226

Please Note:

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

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

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

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

Employee Transfer Applications:

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

This listing is also available on CUINFO

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

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

*Asterisks identify jobs that were not listed last week.

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

*Asterisks identify jobs that were not listed last week.

Job Opportunities

Cornell University is an equal opportunity, affirmative action employer.

Administrative/Professional

The minimum salaries listed are for recruitment purposes only.

*Position: Development Assistant (3 positions)

Department: University Development

Description: Works with the Directors and Assistant Directors in the coordination and execution of projects and activities essential to the University's development efforts in the areas of: corporate donations and foundations, Cornell Fund and the capital projects campaign.

Requirements: Bachelor's degree or equiv. experience. Must possess excellent oral and written communication skills with demonstrated organizational ability and exceptional interpersonal skills. Ability to work with details and numbers and a knowledge of computing and data-based information systems preferred. Please send cover letter and resume to Ralph Jones by October 15, 1984.

Minimum Starting Salary: \$13,625
Job Numbers: PA393, PA394, PA398

*Position: Executive Staff Assistant I

Department: Vice President for Research

Description: Provides administrative and program support to the Vice President for Research and Advanced Studies. Requires independent decision-making and high level of confidentiality; reviews all correspondence; acts as liaison for Vice President; attends meetings, takes minutes, follow-up on action items; formulates budget and maintains accounting.

Requirements: Bachelor's degree or equiv. At least 3-5 years of experience in university administration or corporate setting. Knowledge and/or experience with word processor and micro-computer helpful. Excellent writing skills required. Please send cover letter and resume to Esther L. Smith by October 5, 1984.
Job Number: PC396

*Position: Announcer, WHCU

Department: WHCU Radio

Description: Assists Director with radio production, promotion and programming; responsible for training and coordination of Black World News and special projects, student staff and volunteers; announcer/engineer for NIGHT-SOUNDS; other related duties as assigned. Irregular hours, weekends and holidays.

Requirements: Bachelor's degree or equiv. in communications or a related field with previous radio broadcasting experience. News writing and reporting experience with ability to meet deadlines. Must be able to work irregular hours, weekends and holidays. Should have FCC 3rd class permit.

Job Number: PS399

*Position: Assistant Director of Residence

Life/Business Management

Department: Residence Life

Description: Assumes primary responsibility for all financial and business operations, including development of \$15 million operating budget and \$24 million capital budget, financial policies and procedures, management information systems, rates and income enhancement, personnel and salary administration.

Requirements: Bachelor's degree or equiv. Master's or equiv. preferred. Demonstrated experience in business management, preferably in a college or university setting. Please send cover letter and resume to Ralph Jones by October 15, 1984.

Job Number: PA 395

*Position: Director, Administrative Operations

Department: Dean's Office, Architecture, Art & Planning

Description: As College's chief business officer, responsible for financial (\$4.3 million budget), accounting and personnel management, maintenance of facilities, and day-to-day non-academic administration.

Requirements: Bachelor's degree or equiv. Master's or equiv. preferred. Minimum 3 years experience in higher education business management. Knowledge of IBM PC preferred. Demonstrated strong verbal, written and organizational skills. Prior supervisory experience required. Please send cover letter and resume to Ralph Jones by October 12, 1984.

Job Number: PA397

*Position: Residence Administrator I (Re-post)

Department: Residence Life/Upper North Campus

Description: Responsible for implementing the student education and community development program in a Residential Program House of 144 students. Direct supervision of 4 student Resident Advisors and several work study students. Major functions include working with student groups, supervision and training of staff and facilitating community based and outreach programming efforts.

Requirements: Master's degree or equiv. combination of education and experience preferred. Bachelor's degree required. Course work in student development, counseling or closely related field. Experience in group living and community development and problem solving, programming, supervision and training desirable. Understanding of political and economic theory and reality of emerging and oppressed cultures and communities required.

Job Number: PA3712

*Position: Administrative Supervisor II (Re-post)

Department: Communication Arts

Description: Provides management support to department chair and faculty for budget and

accounting, financial management, personnel, facilities and equipment management. Prepares budgets, monitors income and expenditures; maintains financial and personnel records; prepares statistical reports; assists in grant preparation; develops computer-based accounting system; coordinates support staff assignments.

Requirements: Bachelor's degree or equiv. in accounting or business administration. 3-5 years administrative or accounting experience required. Knowledge of Cornell accounting system preferred. Experience with computerized accounting and data-base management system necessary.

Minimum Starting Salary: \$15,000
Job Number: PA378

*Position: Research Support Specialist I (Re-post)

Department: Cornell Institute for Social and Economic Research (CISER)

Description: As a data manager/analyst, assists in database design, analysis, data management and manipulation of large data sets for social science research projects; provides computer consulting to project PI's, CISER staff, and users of the Data Archive. Works as part of a team with multiple assignments.

Requirements: Master's degree or equiv. preferred in social sciences, computer science or statistics. Experience with data management; research experience with Cornell's IBM 3081D including CMS, SAS and/or SPSS. Good knowledge of social science analysis techniques. Good written communication skills and attention to details; ability to meet deadlines. Excellent interpersonal skills required.

Job Number: PT377

Position: Research Support Specialist I

Department: Division of Nutritional Sciences

Description: Provides technical support in a nutritional immunology and biochemical laboratory; will be particularly involved in performing in vitro assays and biochemical techniques such as tissue culture and liquid/HPLC chromatography; responsible for supervision of graduate and undergraduate students as well as maintenance of tissue culture facility and laboratory maintenance.

Requirements: Bachelor's degree or equiv. in biology, biochemistry or cell biology. At least 2 years experience in cell biology techniques preferred. Familiarity with tissue culture, chromatography (liquid, HPLC preferred), and spectroscopy desired.

Minimum Starting Salary: \$13,625
Job Number: PT385

Position: Assistant to the Dean

Department: Cornell Graduate School of Management (CGSM)

Description: Provides comprehensive administrative support to the Dean; requires independent decision-making and a high level of confidentiality; serves as the Dean's liaison; represents

the Dean and CGSM.

Requirements: Bachelor's degree or equiv. at least 3-5 years administrative office experience. Strong verbal and written communication skills. Organizational and supervisory ability. Knowledge of computers helpful. Please send cover letter and resume by October 5, 1984.

Job Number: PC3812

Position: Research Support Specialist II

Department: Horticultural Sciences - General

Description: Provides technical support in research on physiology of fruit plants; cares for experimental fruit plantings; applies fertilizer and growth regulators; collects growth, yield, and fruit quality data; collects, preserves and analyzes plant tissue samples from experimental treatments; summarizes and statistically analyzes experimental data; conducts literature searches.

Requirements: Master's degree or equiv. in plant science. Some experience with fruit cultural practices. Routine chemical analysis of plant tissue and statistical analysis of experimental data preferred. 2 years of fruit farm research experience.

Minimum Starting Salary: \$13,625
Job Number: PT3811

Position: Extension Support Aide

Department: New York City Cooperative Extension

Description: Responsible for maintenance of support of 4-H and the expansion of EFNEP youth group into comprehensive 4-H Club program under the supervision of the 4-H Club program coordinator; provides EFNEP 4-H Club support throughout Brooklyn area.

Requirements: H.S. Diploma with at least 2 years formal education or training or an Associate's degree in an allied field. At least 2 years work experience with related program. Ability to relate to diverse adult and youth audiences in an urban area. Strong written and verbal skills. Ability to plan and work independently. Current New York State Driver's License required.

Minimum Starting Salary: \$13,625
Job Number: PC384

Position: Systems Analyst II

Department: Education

Description: Provides programming support in the design and development of PC software. Responsibilities include software package selection, modification of existing programs as well as development of new programs for instructional packages. Will document programs for IBM personal minicomputers dealing with laboratory simulations and supervise part-time student programmers.

Requirements: Bachelor's degree or equiv. in biology with course work in computer science. Master's degree preferred. Programming ability in Pascal and familiarity with IBM PC, as well as systems development and documentation.

essary. Please send cover letter and resume.
 Minimum Starting Salary: \$18,000
 Job Number: PT386

Position: Research Support Specialist I
 Department: Natural Resources - Old Forge
 Description: Implements all fisheries sampling efforts and assists with limnology for projects relating to the impact of acid deposition on ecosystems and the downstream movement of Atlantic Salmon at hydroelectric sites. The incumbent must live in the Old Forge or Westport, NY area on a year-round basis.
 Requirements: Master's Degree or equiv. in fisheries science. Minimum of 1 year work experience participating in field fisheries and limnological sampling programs.
 Minimum Starting Salary: \$16,000
 Job Number: PT387

Position: Chef
 Department: Statler Inn
 Description: Supervises and trains a kitchen staff in the quality preparation, production and presentation of food for all Statler Inn food operations.
 Requirements: H.S. Diploma and completion of apprenticeship culinary program. 3-5 years experience as a chef. Previous experience scheduling and supervising staff necessary.
 Minimum Starting Salary: \$16,895
 Job Number: PS3813

Position: Assistant Swimming Coach (M/W)
 Department: Physical Education & Athletics
 Description: Assists the head swimming coach in the operations of the swimming program. Duties include coaching and the recruiting of student athletes, as well as other administrative duties assigned by the head coach; instruct physical education classes as assigned by the Athletic Director.
 Requirements: Bachelor's degree or equiv. in physical education or related field. Previous experience in coaching swimming at high school, collegiate or club level. 11 month appointment.
 Job Number: PA3810

Position: Personnel Associate III
 Department: Industrial and Labor Relations (ILR)
 Description: Manages all personnel functions of the School of Industrial and Labor Relations; provides staff support to the Dean. Recruits, interviews, and recommends hiring of non-academic support staff. Serves on academic search committee; coordinates salary programs, employee training programs and ensures effective employee relations with faculty and staff; serves as affirmative action representative and personnel support group representative.
 Requirements: Bachelor's degree or equiv. combination of education and experience. 3-5 years of general personnel experience including employment, affirmative action, employee benefits, wage and salary administration, human resource planning and employee counseling. Administrative experience in higher education preferred. Please send cover letter and resume by October 4, 1984.

Clerical

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

*Position: Research Aide, GR20 (Repost)
 Department: C.R.S.R. (Laboratory for Planetary Studies)
 Description: Responsible for a broad range of technical duties including library research; some computations on hand calculators and small computers; types scientific papers, purchase orders, vouchers; government grant-related work; composing, filing and mailing of a heavy volume of correspondence; oversees work study student(s); maintains records of professional organizations, journal subscriptions, book orders; travel arrangements and travel reimbursements.
 Requirements: Associate's degree or equiv. Heavy typing. Some scientific background. Substantial secretarial experience. Excellent organizational, communication and interpersonal skills (written and oral). Ability to set priorities and to work in a complex, active environment. Experience with Microm word processor helpful. Knowledge of Cornell library system.
 Minimum Starting Salary: \$11,739
 Job Number: C235

*Position: Secretary, GR19
 Department: NYSSILR - Extension and Public

Service - Long Island
 Description: Provides secretarial support to professional Extension staff in Long Island Office; duties include typing course outlines, program announcements, correspondence; answering the telephone; greeting the public; general office duties of filing, handling mail, etc.
 Requirements: H.S. Diploma or equiv. Medium typing. At least 2-3 years of general office experience.
 Minimum Starting Salary: \$11,125
 Job Number: C393

*Position: Secretary, GR19 (Repost)
 Department: C.R.S.R. (Laboratory for Planetary Studies)
 Description: Provides secretarial support to 4 professors, several research associates and graduate students; duties include: technical typing with the use of Microm 2001 word processor, answering telephone, setting up computer accounts and making travel arrangements. Other duties as assigned.
 Requirements: H.S. Diploma or equiv. Associate's degree or equiv. preferred. Medium typing. Knowledge of technical and scientific typing. Word processor skills essential. Good secretarial, organizational and communication skills.
 Minimum Starting Salary: \$11,125
 Job Number: C3712

*Position: Night Supervisor, GR18
 Department: Hotel Library
 Description: In charge of School of Hotel Administration Library at night and Sundays. Duties include photocopy service; stack supervision; some reference. Other duties as assigned.
 Requirements: Associate's degree or equiv. Light typing. Library experience highly desirable. Good communication skills.
 Minimum Starting Salary: \$10,500
 Job Number: C395

*Position: Binding Assistant, GR16
 Department: Serials/Olin Library
 Description: Updates serial holdings in Union Serials Catalog; assists with bookmarking and binding preparation tasks as time permits.
 Requirements: H.S. Diploma or equiv. Light typing. Ability to perform detailed work accurately.
 Minimum Starting Salary: \$9,494
 Job Number: C394

Position: Administrative Aide, GR21
 Department: Horticultural Sciences - Geneva
 Description: Assists Administrative Supervisor in processing of all personnel documents; secretary to Department Chairman and Administrative Supervisor; oversees 4 secretaries in word processing duties; acts as back-up in absence of Administrative Supervisor.
 Requirements: Associate's degree or equiv. in executive secretarial science, business management/administration or equiv. combination of education and experience. Heavy typing. Minimum of 3-5 years administrative aide experience in an academic setting with personnel assistant experience including supervisory duties.
 Minimum Starting Salary: \$12,469
 Job Number: C389

Position: Administrative Aide, GR21
 Department: Public Affairs
 Description: Provides administrative and secretarial support to the Vice President for Public Affairs and Executive Staff Assistant; transcribes and edits tapes; types correspondence; processes and distributes mail; handles travel schedules; monitors department expense account and processes bills; handles confidential material; performs other duties as assigned.
 Requirements: H.S. Diploma or equiv. Secretarial training required. Medium typing. At least 2-3 years secretarial experience preferred. Strong interpersonal skills.
 Minimum Starting Salary: \$12,469
 Job Number: C3817

Position: Administrative Aide, GR20
 Department: University Development
 Description: Provides administrative and secretarial assistance to the Associate Director of Capital Projects; types correspondence; arranges travel and meetings; files; answers telephone; handles special assignments as needed.
 Requirements: Associate's degree or equiv. with several years work experience or the equiv. combination. Medium typing. Excellent communication (written and oral) skills. Good organizational and public relations skills required. Discretion in dealing with confidential materials.
 Minimum Starting Salary: \$11,739
 Job Number: C388

Position: Secretary, GR19 (Repost)
 Department: Career Center
 Description: Provides secretarial/receptionist support to the Assistant Director who is responsible for career counseling of A&S and AA&P students and is located in the Academic Advising

Position: Travel Coordinator, GR19
 Department: Travel Office
 Description: Offers faculty, administration and staff, on University business, the most economical international and domestic travel plans; reserves airline, train, car and hotel accommodations.
 Requirements: H.S. Diploma or equiv. Light typing. At least 1-3 years experience as a commercial travel agent. Knowledge of Sabre computer, ticketing, phase IV and prepaids. Ability to work under pressure and with the public essential.
 Minimum Starting Salary: \$11,125
 Job Number: C3820

Position: Secretary, GR19
 Department: Cornell Graduate School of Management (CGSM)
 Description: Provides secretarial support to the Assistant Dean for External Affairs and Office Manager; assists in the coordination of a heavy direct mail program; types; makes appointments; arranges travel; updates addresses via a computer; performs other clerical duties as assigned.
 Requirements: H.S. Diploma or equiv. Secretarial or business school preferred. Heavy typing. At least 3-5 years office experience. Excellent typing skills. Strong interpersonal and communication skills.
 Minimum Starting Salary: \$11,125
 Job Number: C3814

Position: Secretary, GR19
 Department: Cornell Graduate School of Management (CGSM)
 Description: Provides secretarial support to the Director of Alumni Relations. Primary duties include making travel reservations; typing; assisting with the organization of new alumni clubs; developing major public relations programs and events.
 Requirements: H.S. Diploma or equiv. Business or secretarial school preferred. Heavy typing. At least 3-5 years office experience including direct mail and publications work. Strong interpersonal and communication skills.
 Minimum Starting Salary: \$11,125
 Job Number: C3813

Position: Secretary, GR18
 Department: Engineering Registrar
 Description: Provides secretarial support to the Engineering Registrar and Assistant Registrar; types; files; keeps records; meets deadlines; handles mailings; serves as receptionist; answers inquiries by telephone and in person. Considerable interaction with students, staff and University departments; performs other duties as assigned.
 Requirements: H.S. Diploma or equiv. Business or secretarial school preferred. Medium typing. Office experience. Excellent organizational, interpersonal and communication (written and oral) skills. Knowledge of word processors, office machines and computers. Familiarity with Cornell University procedures.
 Minimum Starting Salary: \$10,500
 Job Number: C386

Position: Secretary, GR18
 Department: Theoretical & Applied Mechanics
 Description: Provides secretarial/receptionist support to the Main Office. Responsibilities include typing manuscripts, proposals, correspondence and course materials; photocopies for several faculty; performs other duties as assigned.
 Requirements: H.S. Diploma or equiv. Heavy typing. Technical typing (equations) and Xerox 860 word processing skills essential. Some secretarial experience.
 Minimum Starting Salary: \$10,500
 Job Number: C3811

Position: Accounts Assistant, GR18
 Department: Controller's (Accounting)
 Description: Reviews expenditures, travel and commitments processed on Sponsored Programs accounts to ensure compliance with agency regulations; types fiscal reports and correspondence; files; answers telephone; performs other duties as assigned.
 Requirements: H.S. Diploma or equiv. Associate's degree or equiv. experience desirable. Medium typing. At least 1-2 years experience. Knowledge of Cornell University procedures desirable.
 Minimum Starting Salary: \$10,500
 Job Number: C3816

Position: Secretary, GR18 (Repost)
 Department: Career Center
 Description: Provides secretarial/receptionist support to the Assistant Director who is responsible for career counseling of A&S and AA&P students and is located in the Academic Advising

Center; provides xeroxing and mailing assistance for the Credential Service in 203 Barnes Hall. This is a 9 month appointment which may go to 12 months.
 Requirements: H.S. Diploma or equiv. Medium typing. Must be highly organized and possess strong communication (written and oral) skills. Must be able to work independently and have some experience in preparing statistical reports.
 Minimum Starting Salary: \$10,500
 Job Number: C306

Position: Word Processing Operator, GR18
 Department: Cornell Graduate School of Management (CGSM)
 Description: Types manuscripts, correspondence, statistical typing, etc. as needed for professors and administration on magnetic keyboards as a member of a team environment.
 Requirements: H.S. Diploma or equiv. Heavy typing. At least 1 year office experience. Some experience with word processors. Strong interpersonal skills.
 Minimum Starting Salary: \$10,500
 Job Number: C3812

Position: Secretary, GR18 (2 positions) (Repost)
 Department: Arts & Sciences, Dean's Office
 Description: Provides secretarial and receptionist support; types; files; answers telephones; maintains records. Other duties as assigned.
 Requirements: H.S. Diploma or equiv. Medium typing. Some office experience. Knowledge of or willingness to learn word processor. Good organizational, interpersonal and communication skills.
 Minimum Starting Salary: \$10,500
 Job Numbers: C3616, C3618

Position: Secretary, GR18 (Repost)
 Department: Unions and Activities
 Description: Responsible for general office operations including answering telephones; coordinating room reservations and equipment rentals; receiving visitors; distributing mail and coordinating building information notices.
 Requirements: H.S. Diploma or equiv. Medium typing. Excellent communication skills (grammar, spelling, telephone). Adept in use of 10-key calculator, machine transcription, mimeograph and ditto machines, word processing (Microm). Shorthand experience helpful. Experience in public service type office desirable.
 Minimum Starting Salary: \$10,500
 Job Number: C2810

Position: Secretary, GR17
 Department: Cornell Dining
 Description: Keeps financial records and accounts for a dining operation.
 Requirements: H.S. Diploma or equiv. Medium typing. At least 2 years related experience.
 Minimum Starting Salary: \$9,967
 Job Number: C387

Position: Office Assistant, GR16
 Department: University Health Services
 Description: Assists in all operations of the billing department; daily medical transcription for busy orthopedic surgeon; includes data entry into computer and calculating charges for his practice.
 Requirements: H.S. Diploma or equiv. Associate's degree or equiv. in medical assistant program desirable. Heavy typing. Knowledge of accounting and business procedures. Knowledge of medical/orthopedic terminology essential. Medical office experience helpful.
 Minimum Starting Salary: \$9,494
 Job Number: C382

Position: Office Assistant, GR16
 Department: Summer Session, Extramural Study, and Related Programs
 Description: Assists in receptionist duties for Summer Session, Extramural Study, and Related Programs. Directly responsible for answering 8 telephone lines and transferring calls to persons responsible; performs other clerical duties as assigned.
 Requirements: H.S. Diploma or equiv. Medium typing. Experience with answering telephones. Excellent communication skills required.
 Minimum Starting Salary: \$9,494
 Job Number: C3818

General Service

*Position: Utility Plant Operator, GR19
 Department: Buildings & Properties - Geneva
 Description: Operates the boilers at the Heating Plant. Duties include starting and operating 3 gas or oil fired, 150 lb. pressure steam boilers and their related equipment including pumps,

Job Opportunities

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controls, fans, water softeners, etc.

Requirements: H.S. Diploma or equiv. with some experience in mechanical trades. Experience in high pressure boiler operation and plumbing desirable. Candidate must hold or be able to obtain a "Certificate of Competence - High Pressure Boiler Operating Engineer" within a reasonable length of time.

Minimum Starting Salary: \$11,125
Job Number: S396

*Position: Material Handler, SO18
Department: Cornell Dining (Endowed)

Description: Receives, inspects, stores and issues all food products, equipment and supplies for a dining unit.

Requirements: H.S. Diploma or equiv. Basic understanding of purchasing and receiving food. Knowledge of storeroom and inventory techniques. Ability to perform continuous heavy lifting of up to 75 lbs. NYS DRIVER'S LICENSE REQUIRED.

Minimum Starting Salary: \$4.98/hr.
Job Number: S397

*Position: Custodian, SO16

Department: Cornell Dining (Endowed)

Description: Provides general maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. M-F 40 hrs.

Requirements: H.S. Diploma or equiv. Ability to use a variety of heavy power operated equipment, climb an 8' ladder and lift 50 lbs.

Minimum Starting Salary: \$4.47/hr.
Job Number: S395

*Position: Custodian, SO16 (2 positions)

Department: Residence Life (Endowed)

Description: Provides general maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. M-F 7:30 A.M.-4:00 P.M.

Requirements: H.S. Diploma or equiv. Ability to use a variety of heavy power operated equipment, climb an 8' ladder and lift 50 lbs.

Minimum Starting Salary: \$4.47/hr.
Job Numbers: S392, S393

*Position: Custodian, SO16

Department: Statler Inn (Endowed)

Description: Under general supervision is responsible for setting up and dismantling equipment and furniture for meetings, banquets/parties in all function rooms of Statler Inn, including private dining rooms, ballroom, etc. Th-M 6:00 A.M.-2:30 P.M.

Requirements: H.S. Diploma or equiv. Must be able to follow written instructions and diagrams. 1 year custodial experience preferred; heavy lifting up to 75 lbs. Must work every Saturday and Sunday.

Minimum Starting Salary: \$4.47/hr.
Job Number: S391

*Position: Custodian, SO16 (2 positions)

Department: Buildings & Grounds Care (Endowed)

Description: Provides general maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. M-Th 6:00 A.M.-2:30 P.M.; F 6:00 A.M.-1:30 P.M.

Requirements: H.S. Diploma or equiv. Ability to use a variety of heavy power operated equipment, climb an 8' ladder and lift 50 lbs.

Minimum Starting Salary: \$4.47/hr.
Job Numbers: S394, S398

Position: Print Machine Operator, SO23

Department: Graphic Arts Services (Endowed)

Description: Process quality printed products on a variety of printing/duplicating machines; must be able to operate auxiliary equipment and perform finishing operations; other relevant print shop duties as required. M-F 8:00 A.M.-4:30 P.M.

Requirements: H.S. Diploma or equiv. Relevant trade/technical training desirable. Minimum 3 years shop experience operating a variety of print production machines. Must know presses, inks, stocks, and their proper use. Experience in finishing equipment necessary. Expertise in specialty printing processes desirable.

Minimum Starting Salary: \$6.61/hr.
Job Number: S389

Position: University Service Officer, GR21

Department: Public Safety

Description: Responsible for external and internal patrol of University property for fire, safety and criminal hazards and the enforcement of University parking regulations. May perform

some clerical duties within the Division and other duties as assigned. 40 hr. week; schedule will vary.

Requirements: H.S. Diploma or equiv. 20/40 vision corrected to 20/20. Minimum physical limitations. No record of criminal convictions other than traffic infractions. Ability to obtain NYS driver's license and pistol permit within 90 days of employment.

Minimum Starting Salary: \$12,639
Job Number: S3810

Position: Program Aide, GR17

Department: New York City Cooperative Extension

Description: Works with low income families and children to help them acquire knowledge needed to improve the nutritional quality of their diets; maintains records and makes reports as required; teaches both children and adults on a one-to-one basis and/or in group situations. M-F 9:00 A.M.-5:00 P.M.

Requirements: H.S. Diploma or equiv. Ability to read and write English and Chinese. Knowledge of lower east side community and its people; resident of the neighborhood a plus.

Minimum Starting Salary: \$9,967
Job Number: S386

Position: Food Service Worker, SO17

Department: Cornell Dining (Endowed)

Description: Assists with the planning, preparation and presentation of cold foods in one of Cornell Dining's food operations. 40 hr. week; schedule varies.

Requirements: H.S. Diploma or equiv. Knowledge of cold food preparation. Familiarity with kitchen equipment preferred.

Minimum Starting Salary: \$4.69/hr.
Job Number: S385

Position: Cashier, GR15

Department: Campus Store

Description: Waits on customers; operates cash registers; stocks and cleans shelves. M-F 8:30 A.M.-5:00 P.M.; every other Saturday 10:00 A.M.-3:00 P.M.

Minimum Starting Salary: \$9,041
Job Number: S383

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, GR22 (Repost)

Department: Animal Science

Description: Performs radioimmunoassays of hormones and various biochemical assays; prepares samples for electronmicroscope analysis; uses electron-microscope; assists in animal surgery; collects animal samples; milks cows.

Requirements: Bachelor's degree or equiv. with strong background in biological or health sciences. At least 3-4 years of laboratory technical experience. Familiarity with computer is essential.

Minimum Starting Salary: \$13,141
Job Number: T372

*Position: Technician, GR18

Department: Biochemistry, Molecular & Cell Biology

Description: Provides technical support in molecular biology research using recombinant DNA technology including work with radioisotopes; maintains progress reports; reports orally on progress of research; reads literature pertinent to research; analyzes data.

Requirements: Bachelor's degree or equiv. in course work in biochemistry. Laboratory experience in recombinant DNA. Familiarity with microbiological and biochemical laboratory techniques essential.

Minimum Starting Salary: \$10,500
Job Number: T393

*Position: Technician, GR18

Department: Equine Drug Testing & Research - Saratoga

Description: Performs analysis of blood and urine samples in a field drug testing laboratory at Saratoga. Assists Laboratory Director as required. Saturday, Sunday and Holidays included; 1:00 P.M.-10:00 P.M.

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

Minimum Starting Salary: \$10,500
Job Number: T392

Position: Technician, GR22

Department: Clinical Sciences

Description: Oversees Small Animal Clinic operating rooms and several animal health technicians in their various duties related to surgery; directs and manages an efficient functioning surgery schedule and operating room before, during and after surgery.

Requirements: LPN or RN with operating room experience. Bachelor's degree desirable. Minimum of 2 years operating room experience and familiarity with animals. Supervisory, organizational and human relations skills.

Minimum Starting Salary: \$13,141
Job Number: T377

Position: Technician, GR19

Department: Natural Resources

Description: Assists in field collection and preparation of water samples for analysis; conducts laboratory analysis; maintains laboratory and associated equipment; maintains sample records and data logs; travels to field sites in the Adirondack region for sample collection. Appointment until December 31, 1985.

Requirements: Bachelor's degree or equiv. with specialization in ecology, limnology or aquatic chemistry. 2 years laboratory experience. Limnological field sampling experience required.

Minimum Starting Salary: \$11,125
Job Number: T381

Position: Technician, GR18

Department: Equine Drug Testing & Research Yonkers/Roosevelt Race Tracks

Description: Performs analysis of blood and urine samples in a field drug testing laboratory to serve Roosevelt and Yonkers Race Tracks.

Requirements: Associate's degree or equiv. in chemistry or related field or equiv. laboratory experience. Experience with thin layer chromatography and general laboratory procedures. Familiarity with gas chromatography.

Minimum Starting Salary: \$10,500
Job Number: T384

Position: Research Assistant

Department: Boyce Thompson Institute. Contact Department directly (see below)

Description: Support services in Ithaca for 2 overseas projects. Duties include conducting culture studies on fungi used for insect control and administrative assistant-type activities such as obtaining clearance and shipping scientific supplies overseas; assisting in report preparation, etc. Possibility exists to divide into 2 part-time positions.

Requirements: Bachelor's degree or equiv. Familiarity with word processing, data management, and/or Portuguese useful.

Minimum Starting Salary: \$11,500
Contact: Dr. Donald W. Roberts, Boyce Thompson Institute, 257-2030.

Part-time

*Position: Museum Education Assistant, GR19 (2 positions) (Repost)

Department: Herbert F. Johnson Museum of Art

Description: Plans, teaches, and documents workshops for the education department's ongoing elementary and secondary school programs under the supervision of the Coordinator of Education; assists in conducting tours of the museum's permanent collection and temporary collections; assists Coordinator of Education in conducting public programs. Position available until June 30, 1985; M-F 29 hrs. per week flexible.

Requirements: Bachelor's degree or equiv. in fine arts, history of art, art education or museum studies required. Previous teaching experience with children necessary. Experience in museum work, curatorial, membership and/or education (in intern capacity or full-time 1 year), or community service work with youth in a variety of capacities. Good organizational and writing skills necessary. Background in use of photographic equipment. Please send cover letter and resume.

Minimum Starting Salary: \$11,125/annual equiv.
Job Numbers: C3710, C3711

*Position: Interlibrary Services Assistant, GR16

Department: Interlibrary Services/Olin Library

Description: Types correspondence, reports, forms, charge cards; files; orders and maintains departmental supplies and forms; sends lending overdues and recalls; answers telephone inquiries; inputs reports into RLIN; searches. M-F 20 hrs./week; 4 hrs./day.

Requirements: H.S. Diploma or equiv. Some college course work desirable. Medium typing. Work experience in a library or office desirable. Ability to work under pressure while maintaining accuracy. Ability to work with foreign languages.

Minimum Starting Salary: \$9,494
Job Number: C391

Position: Dish Machine Operator, SO17

Department: Statler Inn (Endowed)

Description: Assists the executive steward in the implementation of kitchen sanitation functions on the weekends; operates a dish machine and performs other related duties as assigned; provides staff supervision for all weekend sanitation staff. Friday-Sunday, 25 hrs./week; schedule varies.

Requirements: H.S. Diploma or equiv. Some dish machine operator experience preferred. Previous experience in scheduling and supervising staff a plus.

Minimum Starting Salary: \$4.69/hr.
Job Number: S387

Position: Secretary, GR16

Department: Education

Description: Provides secretarial support for an IBM project associated with Microcomputers in Biology and Sea Grant Project on Strategies in Marine Education. Types, transcribes and prepares correspondence associated with various projects; answers inquiries in person and by telephone; assists in making arrangements for visitors; prepares research reports, instructional materials and other project-related activities. Regular part-time appointment until August 31, 1985 with possible extension; 20 hours per week negotiable.

Requirements: H.S. Diploma or equiv. Medium typing. Secretarial experience. Interest in computers and science. Excellent organizational and interpersonal (written and oral) skills.

Minimum Starting Salary: \$9,494
Job Number: C381

Temporary

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

*Position: Temporary Office Assistant, T-2

Department: Agricultural Economics

Description: Enters student enrollments, lesson assignments; generates Home Study reports in a computer; maintains student records/participating company records; responds to written and telephone inquiries; deposits income; bills students/companies for supply orders; distributes course materials; light filing. Temporary full-time position until February 15, 1985.

Requirements: H.S. Diploma or equiv. Secretarial business training desirable. Light typing. Knowledge of IBM Displaywriter and IBM PC XT computer. At least 1 year previous office experience with good communication skills.

Minimum Starting Salary: \$4.00/hr.
Job Number: C396

*Position: Temporary Clerical, T-2 (Repost)

Department: Agricultural Economics

Description: Duties include typing, filing, answering telephone, library assignments. Other duties as assigned. Position available until January, 1985, 20 hrs. per week, M-F.

Requirements: H.S. Diploma or equiv. Medium typing. Office experience. Excellent interpersonal and communication (written and oral) skills. Aptitude for figures.

Minimum Starting Salary: \$4.00/hr.
Job Number: C379

Position: Temporary Senior Research Support Specialist, T-5

Department: Government

Description: Provides technical support for empirical study of federal and state courts; supervises undergraduate research assistants. Temporary part-time appointment until January, 1985; 20 hrs./week to be arranged.

Requirements: Bachelor's degree or equiv. Knowledge of computing and statistics essential.

Knowledge of judicial process helpful but not mandatory. Prior supervisory experience essential.
 Minimum Starting Salary: \$8.00/hr.
 Job Number: T382

Position: Temporary Technician, T-4
 Department: Diagnostic Laboratory
 Description: Conducts virus and chlamydia isolation procedures; prepares clinical specimens and performs a variety of techniques including tissue culture, fluorescent antibody procedures, serum neutralization and hemagglutination inhibition tests. Preparation of media, buffers and other reagents; general laboratory duties. Temporary full-time appointment for 6 months.
 Requirements: Bachelor's degree or equiv. in biology or microbiology. Work experience in tissue culture, good sterile technique, basic microbiological techniques and manual dexterity. Some experience in virus and chlamydia isolation procedures and electron microscopy required.
 Minimum Starting Salary: \$6.13/hr.
 Job Number: T385

Position: Temporary Research Equipment Technician, GR22
 Department: Biomedical Electronics Service
 Description: Repairs and maintains electromechanical equipment such as projectors, centrifuges, waterbaths, freeze dryers and clippers. Repairs and cleans microscopes; designs and fabricates mechanical devices using typical machine shop and model shop equipment; machines

precision equipment and parts with or without the use of blueprints to a very close tolerance. Temporary part-time appointment up to 6 months with possibility of becoming permanent depending on funding; 8 hrs. per day/3 days per week.

Requirements: H.S. Diploma or equiv. At least 4 years experience in a model shop with 2-4 years experience in building and servicing mechanical, electro-mechanical and electronic equipment. Excellent interpersonal skills essential. Ability to solder and silver solder preferred.
 Minimum Starting Salary: \$13,141
 Job Number: T387

Position: Temporary Office Assistant, T-3 (Repost)
 Department: Rural Sociology
 Description: Performs a wide variety of administrative duties in support of Administrative Manager; accounting; prepares monthly research and teaching reports; types correspondence using Microm word processor; oversees work study students; prepares payroll; orders supplies and maintains inventory; schedules; acts as receptionist for Department. Temporary full-time position until December 12, 1984.
 Requirements: Associate's degree or equiv. with previous office experience. Medium typing. Strong interpersonal, organizational and communication skills. Ability to work under pressure. Considerable office experience, preferably at Cornell. Knowledge of Cornell accounting and payroll system helpful. Knowledge of Microm word processor and IBM/PC desirable.

Minimum Starting Salary: \$5.00/hr.
 Job Number: C365

Position: Temporary Office Assistant, T-2
 Department: Clinical Sciences
 Description: Inputs daily accounting data into Veterinary College computer system; reconciles monthly accounting statements that are received from the University with departmental records; generates monthly statements for the various departmental units. Temporary full-time appointment until March 27, 1984.

Requirements: H.S. Diploma or equiv. Associate's degree or equiv. in accounting or business preferred. Light typing. At least 1-3 years of accounting experience.

Minimum Starting Salary: \$4.00/hr.
 Job Number: C3819

Academic

Please contact department directly.

*Position: Postdoctoral Associate
 Department: Plant Pathology (Geneva)
 Job Number: A391

*Position: Research Associate
 Department: Animal Science
 Job Number: A392

*Position: Extension Associate IV
 Department: Industrial & Labor Relations (Buffalo)
 Job Number: A393

*Position: Sr. Extension Associate I (half-time)
 Department: Industrial & Labor Relations (New York City)
 Job Number: A394

*Position: Assistant Professor
 Department: Industrial & Labor Relations (New York City)
 Job Number: A395

*Position: Professor
 Department: Extension, Industrial & Labor Relations
 Job Number: A396

*Position: Assistant Professor (2)
 Department: Personnel & Human Resource Studies, ILR
 Job Numbers: A397, A398

*Position: Associate or Full Professor
 Department: Collective Bargaining, Labor Law, and Labor History, ILR
 Job Number: A399

Position: Professor (Assistant, Associate or Full)
 Department: School of Chemical Engineering
 Job Number: A381

Position: Extension Associate
 Department: Division of Nutritional Sciences
 Job Number: A383

Pauk's 'How to Study' Book Has New Sales Surge

Students' Study Problems Remain the Same over the Years

Walter Pauk's classic book, "How to Study in College," is experiencing another surge in sales as students return to school. More than one-half million copies of this volume, now in its third edition, are in print. Pauk, professor of the psychology of education emeritus at Cornell, first wrote the book in 1964. But the study problems students had then remain the same.

Procrastination, concentration, memory techniques, mental and physical fatigue, the will to study and controlling your time, are among the difficulties tackled by Pauk. Pauk believes "the management of time is the number one skill to master in college."

In his book, Pauk shows how to schedule daily activities for the week and how to set priorities. He advises specific programming of time.

"Research shows that each hour used for study during the day is equal to one and a half hours at night," Pauk said. "Optimum efficiency is reached by planning in blocks of one hour: fifty minutes to study and ten minutes for a break."

Other suggestions made by Pauk include:

- Double your time estimates needed for study, and start long jobs ahead of time;
- Study after lecture-type classes;
- Allow time for sleep;
- Study before recitation-type classes; and
- Make a plan for living, not merely for studying.

In all, there are 110 aspects of how to study discussed by Pauk, based on more than 30 years of helping thousands of students develop better study skills.

Pauk believes that most students, if armed with careful study skills, can master any assignment at the level of even the most brilliant student.

"After all, there is just so much to know about an assignment," Pauk says. "Once you have mastered it, you have reached the theoretical 100 percent mark. The brilliant student can't do any more than that."

"He or she may, however, master the assignment in half the time. Some people have, through training, run the mile in four minutes, whereas others run the mile in

eight minutes. Both, however, run the same distance. This book will help you run the distance."

Pauk says that the information and guidance he offers is also applicable to one's everyday life and career, after formal schooling has been completed. This is particularly true since updating courses and even retraining are increasingly a part of the working years.

Pauk covers five systems for studying textbooks, six types of tests and examinations, ten practical systems for reading

improvement, a dependable guide to better listening, why and how to take notes and reading techniques, to mention a few. He includes new findings and implications of research into how one learns—the right and left side brain studies, for example.

He also includes inspirational wisdom in his advice, including: "Little by little, does the trick," (Aesop) and "Many persons have a wrong idea of what constitutes true happiness. It's not attained through self-gratification, but through fidelity to a worthy purpose." (Helen Keller).

Barbara Troxell

Barbara Troxell, concert and oratorio soprano and member of the music faculty at Cornell University, died Sunday, Sept. 23, at Tompkins County Hospital of a heart attack. She was 68.

Active until her death as a voice teacher at Cornell and Artistic Director of the Ithaca Opera Association, Troxell joined the university's faculty in 1961. She succeeded the late Dame Isobel Baillie as voice teacher in the Department of Music.

Before coming to Cornell Troxell had been a leading opera performer in Germany for seven years, particularly in works by Mozart. She continued to give concerts and oratorio performances through the 1960s and into the 1970s.

A review in Washington D.C.'s The Evening Star, in 1962 stated, "Barbara Troxell, soprano, had a triumph at the National Gallery last night, with nearly perfect collaboration from John Kirkpatrick."

During her career Troxell performed at Town Hall and Carnegie Hall in New York City, and in oratorio performances conducted by Eugene Ormandy, Sir Thomas Beecham, Leopold Stokowski and Leonard Bernstein.

She was born in Easton, Pa. and earned a bachelor's degree in 1937 and a master's degree in 1939 at Pennsylvania State University. She also studied with Madam Elisabeth Schumann at the Curtis Institute of Music in Philadelphia from which she graduated in 1942.

Funeral services were scheduled for Wednesday, at the Harry Dillinger Funeral Home in Bethlehem, Pa. She is survived by a cousin Samuel Getter of Kempton, Pa. A memorial service will be held on campus at a date to be announced later.



BARBARA TROXELL

Role of Humanities in Everyday Life Will Be Subject for Forum

The role of the humanities in everyday life will be discussed during a free, public forum on the Cornell campus Oct. 4-5.

Catharine Stimpson, chair of the New York State Council for the Humanities, will speak on "The Humanities and Everyday Life" in Hollis E. Cornell Auditorium of Goldwin Smith Hall on the Cornell University campus at 4:30 p.m. Thursday, Oct. 4.

Stimpson, professor of English at Rutgers and founding editor of the feminist journal Signs, is an activist in humanities and civil liberties organizations.

At 4 p.m. Friday, Oct. 5 in Hollis E. Cornell Auditorium, Stimpson will be joined in a debate on "The Humanities and Public Policy" by Geoffrey Marshall, deputy chairman of the National Endowment for the Humanities and two Cornell professors: Robert Harris, professor of American Studies, who serves on the New

York State Council for the Humanities, and Mary Beth Norton, professor of history and member of the governing Council of the National Endowment for the Humanities. Richard Lanham, executive director of the University of California at Los Angeles Writing Programs and senior fellow of the Cornell Society for the Humanities, will also be present.

For further information call Cornell's Society for the Humanities 256-4085, the program's sponsor.

The purpose of the symposium is to get students, teachers, and others to think about the humanities policies developed by government and public groups, such as the National Endowment for the Humanities and the State Councils for the Humanities," said Jonathan Culler, director of the Society.

Brief Reports

Novelist Robert Coover To Speak Here Tonight

American novelist and short story writer Robert Coover will give a reading at the Andrew D. White House at 8 p.m. today.

Coover, professor of English at Brown University, is a recipient of the William Faulkner Award, a Rockefeller Fund grant and a Guggenheim Fellowship.

He is the author of the novels "The Universal Baseball Association," "A Theological Position," "Public Burning" and "Political Fable."

The reading is sponsored by the English Department Creative Writing Program under an NEA grant and the Council of the Creative and Performing Arts.

Author Jamaica Kincaid Will Read From Her Works

The campus community has been invited to hear and meet author Jamaica Kincaid on Wednesday, Oct. 3, at 8 p.m. in the A.D. White House.

Kincaid, who has been hailed as one of America's finest short story writers, will read her fiction, which has appeared in *The Atlantic*, *The Paris Review*, and *The New Yorker* magazine.

Kincaid is the author of "At the Bottom of the River," and is a staff writer for *The New Yorker* magazine.

There will be a reception after the reading which is sponsored by the Cornell Council for the Creative and Performing Arts, the Creative Writing Program and the National Endowment of the Arts.

Book Sale Continues Through Saturday

In addition to the dates of today and Friday for the sale of books at Noyes Center by the Cornell University press,

from 9 a.m. to 9 p.m. each day as listed in last week's Chronicle, the sale also will continue into Saturday, from 9 a.m. to 5 p.m.

More than 500 titles of books on a wide range of subjects will be offered for sale at discounts of up to 90 percent. The sale is open to the general public.

Rebuilding of Berlin Lecture Series Topic

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

All three talks, known as the Preston H. Thomas Memorial Lectures, will be given in Room 120, Ives Hall.

The date, time and topic of each talk are: —Wednesday, Oct. 31 at 8 p.m., Berlin Architecture and Urban Design since 1900 as a background for IBA 84/87;

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

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

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

Gilbert and Near In Concert Oct. 6

Holly Near and Ronnie Gilbert will appear in concert at 8:30 p.m. Saturday, Oct. 6, in Bailey Hall, with an opening set by Susan Freundlich, sign language artist, and with John Bucchino, pianist.

Advance sale tickets are \$8.50 and are available at the Commons Coffeehouse, Smedley's Bookstore, the Ithaca Guitar Works, Rebob Records, and Egbert Union,

Ithaca College. Reservations for the hearing impaired and childcare must be made by Sept. 25; call the Commons Coffeehouse at 607/256-3448 for information.

Ronnie Gilbert began her singing career with The Weavers, a group instrumental in the folk music revival of the 1950s.

Holly Near is a performer and songwriter who believes in the power of cultural work to unify and inspire change. Much of her music focuses on social and political concerns, in particular feminism, lesbian and gay rights, safe energy and nuclear disarmament, and international peace and solidarity.

Applied Mathematics Lectures Scheduled

The Center for Applied Mathematics will conduct a series of three lectures next week by Ingo Muller, professor of thermo- and fluid dynamics at the Technical University of Berlin.

The overall title of the lecture series is "Thermodynamics of Diffusive and Reacting Mixtures of Fluids."

The individual lectures, all at 4:30 p.m. in Thurston 205, their dates and titles are as follows:

Monday, Oct. 1—"Balance Laws and Material Properties."

Wednesday, Oct. 3—"Chemical Potentials."

Friday, Oct. 5—"A Boundary-Value Problem."

Graduate Activities Group Is Recruiting

Graduate students are being sought to serve on the Graduate Activities Funding Commission, responsible for allocating some \$20,000 to graduate student organizations and extra-curricular activities.

Applications to serve on the commission are being received at the GAFC office in Room 530 of Willard Straight Hall.

SAGE CHAPEL

Unitarian Minister Will Be Speaker

The Rev. John A. Taylor will speak at Sage Chapel at 11 a.m. Sunday, Sept. 30. His sermon topic will be "This Glorious Accident."

Taylor is the University Unitarian Universalist Chaplain at Cornell and minister of the First Unitarian Church in Ithaca. He came to Ithaca in 1971 having previously served as minister of the Church for the Fellowship of All Peoples in San Francisco.

Prof. Henderson Cited For Heroism in Airplane

James A. Henderson Jr., the Frank B. Ingersoll Professor of Law, has been cited for heroism by the Federal Aviation Administration.

He was presented the FAA's Award for Distinguished Service during ceremonies in Albany, Tuesday, Sept. 25, for helping to prevent the crash of a commuter airline on a flight to Syracuse from Ithaca, N.Y.

The FAA announcement of the award states:

"Henderson, 46, was one of 15 passengers and two crew members aboard Empire Airline Flight 841 on September 21, 1983. During the flight, one of the passengers rushed the flight crew and tried to shut down the aircraft's engines.

"Henderson, responding to the flight crew's call for help, tackled the passenger and restrained him on the floor. This allowed the pilot to regain control of the aircraft at an altitude of about 200 feet. (Henderson was a lineman on the Princeton University football team during his undergraduate years.)

"His courageous actions warrant the appreciation of all who fly," said the award, signed by FAA Administrator Donald D. Engen."

The Week in Sports

Employee Day Saturday Has Full Slate of Sports Activities

By MARK GOLDBERG

With the 10th annual Cornell Employee Day scheduled for Saturday, there is a full menu of sporting events on tap for Big Red fans.

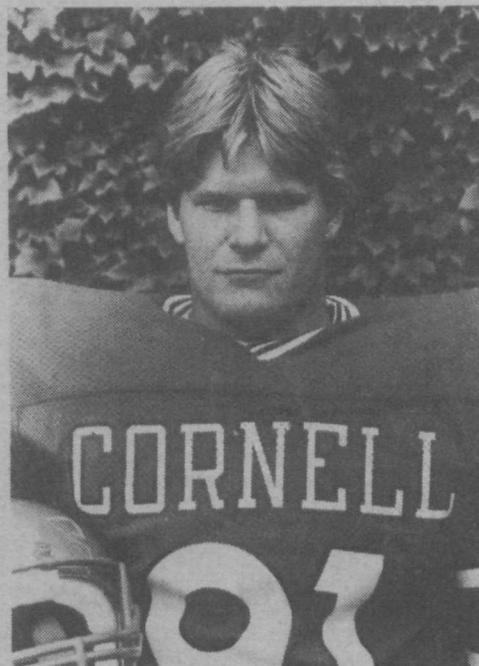
The action begins at 11 a.m. Saturday on Alumni Field when the women's soccer team entertains Dartmouth. That afternoon the varsity football team takes on Colgate at 1:30 p.m. on Schoellkopf Field, and that evening the men's soccer team is home again to play Army at 6 p.m. on the Schoellkopf turf.

The Big Red varsity football team is coming off a 17-9 loss at the hands of Princeton in its season opener this past Saturday. Cornell was led offensively by junior quarterback Shawn Maguire, who threw for 195 yards on 18 of 44 completions. Junior wide receivers Todd Pressley (three catches for 68 yards) and Jim Perrello (3x52) were impressive in pacing the receiving corps.

Senior Bill Goldy kicked a 50-yard field goal in the second period, which was the longest of his career. His previous career high was a 47-yarder in the 1982 Harvard contest.

The Cornell defense was dominating at times, holding the Tigers' outstanding quarterback, Doug Butler, in check with a strong pass rush. Senior defensive tackle Bob DeSantis led the team in tackles with seven, while senior cornerbacks Frank Ferace and Jeff Palazzese each intercepted one pass.

Colgate comes here Saturday with a 2-1 record with wins over Connecticut (9-3) and



BOB DeSANTIS
Leads Team in Tackles

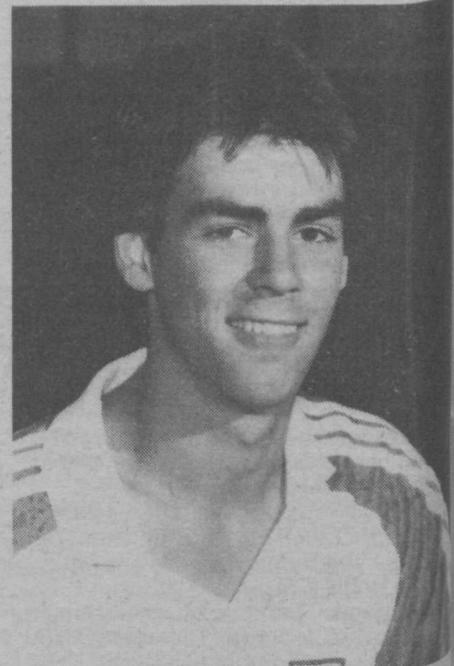
Lehigh (40-35), while the loss was at the hands of Army. Offensively, the Red Raiders are led by senior quarterback Steve Calabria, who had the best game ever last Saturday against Lehigh. The talented QB passed for 349 yards and three touchdowns, while also scoring one TD.

The men's soccer team is off to a tremendous start, having posted wins over U.S. International (2-0) and Princeton (1-0 in overtime) in its first two contests. The last time the Red won its first two games of the year, as well as its Ivy opener, was 1980. A pair of sophomores have been instrumental in the squad's early-season success. Forward John Hastings has scored the game-winning goal in both victories, while goaltender Hugh O'Gorman, a first-time starter, has recorded two consecutive shutouts.

The Big Red soccer team has not played Army since 1973 when it dropped a 2-1 overtime decision to the Cadets. This is the first taste of Empire State competition for the booters; they were ranked fourth in the pre-season New York state poll. Cornell meets another state rival later this week, as it entertains Oneonta on Wednesday at 7:30 p.m.

When it plays Dartmouth Saturday morning, the Big Red women's soccer team will be out for some revenge; last year, Cornell lost to the Big Green in the season finale, 1-0, having played two nationally ranked teams in its first three contests. The Red is 1-1-1 thus far, having defeated Hamilton College (7-0), while losing to Cortland (3-0) and tying Princeton (1-1). Leading the way once again is sophomore Meagan McMahan, who had three goals and an assist against Hamilton College. Freshman Laurie Collier is right behind with two goals and one assist.

In away action this weekend, the freshman football team is at Colgate, while



JOHN HASTINGS
Scores Winning Goals

the men's and women's cross country squads travel to Army. The lightweight football team opens its ELFL season at Rutgers, while the women's volleyball team competes at the Massachusetts invitational. Finally, the women's field hockey team travels to Dartmouth and women's tennis team is at the ECAC tournament.