

Materials science graduate students David Lilienfeld, left, and Michael Nastasi continue experiments that produce the rare 'quasicrystalline' state of matter, using an ion implanter at the Submicron Facility.

Way to Make 'New' State of Matter, The Quasicrystal, Discovered Here

By ROGER SEGELKEN

A novel way of making a "new" state of matter, the quasicrystal, has been discovered by two Cornell graduate students in the materials science and engineering department.

By bombarding a thin film of aluminum-manganese alloy with a beam of xenon ions, David A. Lilienfeld and Michael Nastasi have created a structure that is neither amorphous or crystalline.

It's not of any use, either — at least not yet.

Quasicrystal matter, first reported in 1984 by the National Bureau of Standards, is a topic of intense research in physics and materials science. It is so new and so little of it exists that almost nothing is known about its physical properties or potential uses.

The Cornell experiments, which began in March 1985, so far have produced only about one one-thousandth of a gram of quasicrystalline aluminum-manganese compound. The material, in the form of a thin film, has a total area of about 10 square centimeters — enough to cover five postage stamps.

Lilienfeld and Nastasi are the first to report creation of the quasicrystalline state directly from a solid. Their findings are published in a Sept. 30 issue of the journal Physical Review Letters. Until the discovery by the Cornell group, quasicrystalline material could be produced only by rapid cooling of liquids.

Their work was conducted at the Cornell Materials Science Center and the National

Research and Resource Facility for Submicron Structures at Cornell, both supported by the National Science Foundation.

"With other new materials, science has found some very unusual chemical and electrical properties," said James W. Mayer, the Francis N. Bard Professor of Materials Science and Engineering at Cornell and one of three faculty authors of the journal report.

"Now that it is relatively easy to make these structures in a controlled environment," Mayer continued, "we would like to

Continued on Page 4

United Way Campaign Kicks Off At Schoellkopf Field Saturday

After years of successful fundraising through the Cornell United Way campaign, campus leaders are using a real kickoff to initiate this year's campaign.

This Saturday—Oct. 5—United Way will be highlighted at the Cornell-Lafayette football game, according to 1985 Cornell Chairman Kenneth E. Wing, associate dean of the College of Agriculture and Life Sciences. According to Wing, United Way music will be performed by the Big Red Band, banners will fly and special announcements will be made.

"We have just completed months of volunteer training and distribution of campaign materials and pledge cards," explained Wing, "so we hope that the enthusiasm of

New Students' Parents Here for This Weekend

As many as 2,500 parents and other guests of Cornell freshmen and other new students are expected to visit the campus for Freshmen Parents' Weekend this Friday through Sunday.

Special activities will include information panels on family changes, housing alternatives beyond the freshman years, opportunities for study abroad, financial aid, commitment and protest, and what to look for and what to do about stress.

Special meals have also been arranged including a box lunch before the varsity football game with Lafayette and an "Elements of Cross Country Gourmet" dinner Saturday evening. The president's reception Saturday morning is always one of the best attended events.

A faculty/staff/parent/student reception will be held in Willard Straight Hall after the football game. Faculty who teach freshmen courses have been invited. Entertainment includes a presentation of "Ain't Misbehavin'" Friday night in Bailey Hall and the annual "Freshman Follies" talent show Saturday

night at Noyes Center.

Parents also will be encouraged to take part in Cornell's regular fare of weekend activities, including athletic events, concerts, films, art exhibits, and plays.

In the planning for more than a year, the weekend is arranged by a steering committee made up of representatives of all the colleges and the Division of Campus Life departments, coordinated by Unions and Activities Director Ronald Loomis.

Loomis said hotel rooms in Ithaca, Cortland, and Elmira have been booked for months, and latecomers are finding lodging as far away as Binghamton and Syracuse.

"We hope this event will provide parents with an opportunity to explore the campus and its resources more thoroughly than was possible during interviews and orientation," Loomis said. "Enough activities are scheduled so that parents should be able to have their questions answered, but we've also left enough free time for them to visit with their sons and daughters, as well as meet other parents and students socially and pursue individual interests."

Physicists Here Develop New Powerful Microscope

Visible light, says conventional wisdom, is not supposed to resolve details of minute objects that are smaller than half the wavelength of light.

That, however, has not stopped two Cornell University physicists from developing a super-resolution light microscope that can be compared in resolution to scanning electron microscopes.

This new device is called a Near-field Scanning Optical Microscope (NSOM). By using light instead of electron beams, it gives researchers important advantages over electron microscopes. Living specimens and other delicate materials can be examined without damage from ionizing radiation while remaining in their natural environments, rather than being placed in a vacuum.

In addition to answering biological questions, "This technique could be used to investigate problems in many other areas, from microelectronics to chemistry, where non-destructive, high resolution imaging is required," according to the new microscope's inventors.

The inventors, Aaron Lewis and Michael Isaacson, are professors of applied and engineering physics in Cornell's College of Engineering.

Lewis and Isaacson, along with graduate students Eric Betzig and Alec Harootunian, will review the latest developments regarding NSOM on Nov. 11 at the 1985 Biophysical Society discussion meeting in Washington, D.C. A paper on their advances will be published in the Biophysical Journal, and a patent on the microscope has been granted.

The new optical microscope works by placing an extremely small aperture very close to the surface of the material being examined, in the so-called near-field. Light emitted or reflected by a small area of the subject is captured by this aperture while it is still highly collimated. After passing through

the aperture, the light is detected. The microscope assembles a total image by scanning this aperture across the subject in the same fashion that a scanning electron microscope scans an electron beam across a sample.

"Light microscopy has always been limited by the effects of diffraction," explains Lewis. "Light cannot be focused to a spot much smaller than approximately half of its wavelength. For light visible to the human eye, the limit is about 2,500 Angstrom units." (One Angstrom unit equals one-tenth of a billionth of a meter, or about one-millionth the diameter of a human hair.)

But the physicists realized that it could be possible to transmit and detect large-wavelength energy through small apertures, because of a decade of work in the detection of extremely low light intensity signals and advances in laser spectroscopy.

Isaacson and Lewis, along with research associate Ernst Kratschmer, fabricated the extremely small apertures for their microscope by using electron beam lithography equipment at Cornell's National Research and Resource Facility for Submicron Structures. The modern technology is normally used for producing intricate patterns in integrated circuits.

Electron beam lithography equipment can create holes with diameters of 80 Angstrom units in a thin membrane of silicon nitride, and even smaller diameters in other materials. Regular arrays of holes can also be created by the technique. Visible light from a simple tungsten light bulb can be transmitted through holes as small as 300 Angstrom units, the physicists report.

The aperture is positioned as close as 250 Angstrom units to the specimen. For subjects with a rough or irregular surface, where the apertures cannot be positioned close enough, the Cornell physicists developed an alternate method. They simply fabricated glass pipettes, which can be tapered to an extremely fine point with an aperture at the point as small as 500 Angstrom units. When coated with aluminum, the pipette functions as a wave guide to propagate the light and transmit it through the aperture. A precision positioning system moves the tip of the pipe-

Continued on Page 2

10 More Charged In Protests Here

Ten more divestment protesters were charged with criminal trespass during the past week (Sept. 25-Oct. 1) for refusing to leave Day Hall at its 5 p.m. closing time.

In total, 37 demonstrators have been charged since the Sept. 4 resumption of sit-ins at Day Hall.

The demonstrators are protesting Cornell's investments in companies doing business in South Africa.

Continued on Page 5

PEOPLE

Soprano Susan Davenney Wyner Joins Faculty Here



SUSAN DAVENNEY WYNER

Lyric soprano Susan Davenney Wyner, who has sung with virtually every major symphony orchestra in the United States, has joined the Cornell music faculty as an associate professor of voice.

The renowned artist, who has performed with the Metropolitan and New York City operas and at Carnegie Hall, will continue her professional singing career in addition to teaching.

"We are overjoyed to have an artist of Susan Wyner's distinction join our faculty," said Thomas Sokol, chairman of the music department.

"We can think of no one more fitting to continue the tradition of voice teachers at Cornell. She, herself, was a student of the late Barbara Troxell, who in turn had succeeded the celebrated Dame Isobel Baillie."

Wyner, who is also an accomplished violinist, has sung with leading conductors around the world including Bernstein, Caccato, Colin Davis, Leinsdorf, Marriner,

Ozawa, Previn, and Robert Shaw. She has appeared seven times with the Boston Symphony Orchestra, including the nationally televised 100th Anniversary Gala Concert in 1981. Wyner has appeared with more than 20 symphony orchestras in this country and abroad.

She has also been acclaimed for operatic roles as diverse as Mozart's heroines, Monteverdi's Poppea, and Marie in Berg's "Wozzeck." She made her Metropolitan Opera debut in 1981 as Woglinde in Wagner's "Das

Rheingold."

Wyner is noted for an unusually wide repertoire spanning works from the 16th through the 20th centuries. She is highly regarded as a leading interpreter of contemporary music and has been singled out by critics as one of America's most exciting recital and recording artists. She has recorded with Columbia Masterworks, Angel, CRI, Telarc, and Musical Heritage records.

Wyner holds a B.A. degree in English literature and music from Cornell.

Asian Scholars Win Ohira Prize

Two Asian scholars with Cornell affiliations are among the first four winners of Japan's newly established Ohira Prize. The prize is worth one million yen, or about \$4,400, to each recipient.

The two scholars are:

— Thak Chaloemtiarana, current at Cornell as an adjunct associate professor of Southeast Asian studies and associate dean in the admissions office of the College of Arts and Sciences;

— Kenji Tsuchiya, who was a visiting fellow with Cornell's Southeast Asia Program in 1982. He is now an associate professor of history at Kyoto University's Center for Southeast Asian Studies in Japan.

The prizes were established to honor Japan's former prime minister, the late Masayoshi Ohira, who died in 1980. Up to five prizes are to be awarded annually by the Ohira Commemorative Foundation of Tokyo, in recognition of published scholarship concerning cooperation among the nations of the Pacific Basin.

Chaloemtiarana was honored for his book, "Thailand: The Politics of Despotism

Paternalism," published in 1979 by the Thai Khadi Institute, Thammasat University Press, in Thailand.

The book examines the rise to power of Field Marshal Sarit Thanarat (1957-63), the basis of his charisma, and the ideological and policy features of his absolutist rule.

Tsuchiya was selected for his book, "The Study of Indonesian Nationalism: The establishment and development of Taman Siswa," which was largely researched in Cornell's John M. Echols Southeast Asia Collection.

Wilson, Lynn on State Panel

Two Cornell professors are among 18 scientists and educators from throughout New York state who have been named to an Advisory Panel for Science and Technology.

The two Cornellians are Kenneth G. Wilson, the James A. Weeks Professor of Physical Science and director of the Center for Theory and Simulation in Science and Engineering, and Walter Lynn, director of Cornell's Program on Science, Technology and Society.

The group will advise the state on the science and technology component of its Project 2000, a program initially proposed by Gov. Mario Cuomo to identify and examine

opportunities, challenges, and options facing New York State through the balance of the century and beyond.

The advisory group will examine the potential effects of scientific and technological developments on the state, and will give special attention to the effects of automation and telecommunication for the state's economy.

Selection of the science and technology advisory panel members was announced by Warren F. Ilchman, director of the Nelson A. Rockefeller Institute of Government, established by the State University of New York.

Five Agriculture College Graduates Get Awards as Outstanding Alumni

Five graduates of the State College of Agriculture and Life Sciences were honored last Friday night with the 1985 Outstanding Alumni Awards from the College's Alumni Association.

The association's Awards Committee, headed by Jane Longly-Cook ('69) of Hartford, Conn. selected this year's recipients. The College's Alumni Association recognizes up to five alumni annually for leadership and contribution. Gerald Linsner ('54) of West Seneca, N.Y., is president of the association.

Recipients are Edward L. Bernays '12 of Cambridge, Mass.; Richard C. Call '52 of Batavia, N.Y.; Robert V. Call Jr. '50, also of Batavia; Daniel M. Dalrymple '27 of Delmar, N.Y.; and Dr. H. Bryan Neel III '62 of Rochester, Minn.

They were cited at the association's banquet, held at the Ithaca Holiday Inn as part of the Association's annual "Alumni Roundup."

Recognized nationally as the "father" of public relations, Bernays has been a leader in advertising and public relations for more than 70 years. He pioneered the application of social sciences to the practice of public relations.

Author of "Crystallizing Public Opinion" (1923), the first book on public relations, Bernays has served as a consultant to presidents and other national figures, including Calvin Coolidge, Dwight D. Eisenhower, Thomas Edison, and Henry Ford.

Richard C. Call and his brother, Robert V. Call Jr., are the co-owners and operators

of My-T-Acres Inc., a large and progressive farming operation in Batavia. They also own and operate Genesee Farms Inc., a small chain of dairy and convenience stores. Richard Call is a director and the vice chairman of the board of directors of Agway Inc. and a member of the board of directors of H.P. Hood in Boston. In the past he served as president of NYDHIC Inc. and was a director of Eastern Artificial Breeders Inc.

He is also president of the board of trustees of Batavia YMCA, a member of the executive committee of the Genesee Boy Scout Council, and director of the Batavia Rotary Club and Genesee Memorial Hospital. From 1976 to 1980, he served as chairman of the advisory committee of Cornell's Department of Animal Science, from which he received an Award of Merit in 1979. His three sons, Nathan, Peter, and Philip, graduated from Cornell and are involved in the farming operation.

Robert Call is currently a director of the New York Vegetable Growers Association, the Springfield Farm Credit Banks, and Pro-Fac Cooperative. In 1956, he was selected one of four outstanding young farmers in the nation by the National Junior Chamber of Commerce. He has also served on the New York State Rural Resources Commission, the College of Agriculture Advisory Council, the New York State Council of Agricultural Organizations and as president of the Genesee County Farm Bureau. His son, Timothy, graduated from Cornell, and Stephen and Elizabeth are currently enrolled.

He has contributed many innovations to

agricultural practices, including a technique for direct seeding of cabbage and the development of the snap bean harvester, the pea harvester, and various irrigation practices.

Dalrymple has a long, diverse career in agriculture. From 1959 to 1972, he served as assistant commissioner of the New York State Department of Agriculture and Markets. Among his accomplishments was the development of the state's Agricultural District Law, which protects the state's prime agricultural land from urban sprawl.

After his retirement in 1972, he served as an agricultural consultant to William Ruckelshaus, director of the U.S. Environmental Protection Agency, and later as the secretary of the New York State Council of Agricultural Organizations. He received the Distinguished Service Award from the New York Farm Bureau in 1979 and a Certificate of Excellence from the New York State Agricultural Society in 1980.

Dr. Neel, an otolaryngologist (ear, nose, and throat specialist) at the Mayo Clinic, is an internationally recognized authority on the application of the low temperature surgical technique (cryogenics) for the treatment of malignant tumors. His work involves both research and clinical application of cryosurgical therapy. He is also well-known for his work on the immunology of malignant tumors.

Neel has published more than 110 research articles and numerous chapters in medical textbooks. He is currently associate professor of otolaryngology and microbiology and chairman of the Mayo Clinic's otolaryngology department. Among Neel's honors are the Harris P. Mosher Award for excellence in clinical research from the Triological Association and the Ira J. Trestley Research Award from the American Academy of Facial Plastic and Reconstructive Surgery.

Trevor R. Cuykendall

A memorial service for Trevor R. Cuykendall, the Spender T. Olin Professor of Engineering Emeritus, will be held at 4:30 p.m. Friday, Oct. 11, in Anabel Taylor Chapel.

Robert Johnson, director of Cornell United Religious Work, will officiate. Among the speakers will be Professors Lyman Parratt and Paul Hartman and President Emeritus Dale R. Corson. A reception will be held in the Founders Room after the service.

A memorial fund has been established with income to be used to award an annual prize for excellence to an undergraduate engineering physics major, with additional income to benefit the undergraduate educational program of the College of Engineering.

Contribution for the Trevor R. Cuykendall Memorial Fund should be sent to the School of Applied and Engineering Physics at Clark Hall.

Microscope

Continued from Page 1

the wave guide into the near-field region and scans the surface of the subject, moving about 150 Angstrom units or less for each step of the scan.

To prove the capabilities of their new microscope, the Cornell physicists compared it with a scanning electron microscope. Both instruments scanned a test pattern with lines no wider than 2,000 Angstrom units. The images produced by the scanning electron microscope and by the new microscope were nearly identical.

The Cornell physicists are not surprised by the success of their light microscope with super-resolution capabilities. An aperture scanning microscope using microwave frequency radiation with 3 millimeter wavelength was demonstrated about 10 years ago. The Cornell group first reported results of its super-resolution microscope using visible light in 1983. Since its report, groups in Switzerland and Germany have also published the results of their research.

"It is clear that near-field microscopy is going to be useful where non-destructive, high-resolution imaging is required and the sample cannot be placed in high vacuum without destroying it," Isaacson said.

A second generation near-field microscope is now under development at Cornell, with the promise of improved scanning and detection capabilities. The prototype system has demonstrated the feasibility of a high-resolution imaging technique with application in a variety of biological problems, according to the physicists. They expect the new system will be particularly useful in high-resolution studies of living systems, including membrane and near-membrane regions of living cells, DNA, and proteins during muscle contraction.

"NSOM and the whole concept of optical near-field imaging should also make a significant impact on a wide variety of technologically important areas," Lewis added, "especially microelectronics and extremely high-density optical information storage."

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Assembling a Digital Giant

Cornell's Supercomputer Comes to Life In Comstock Hall

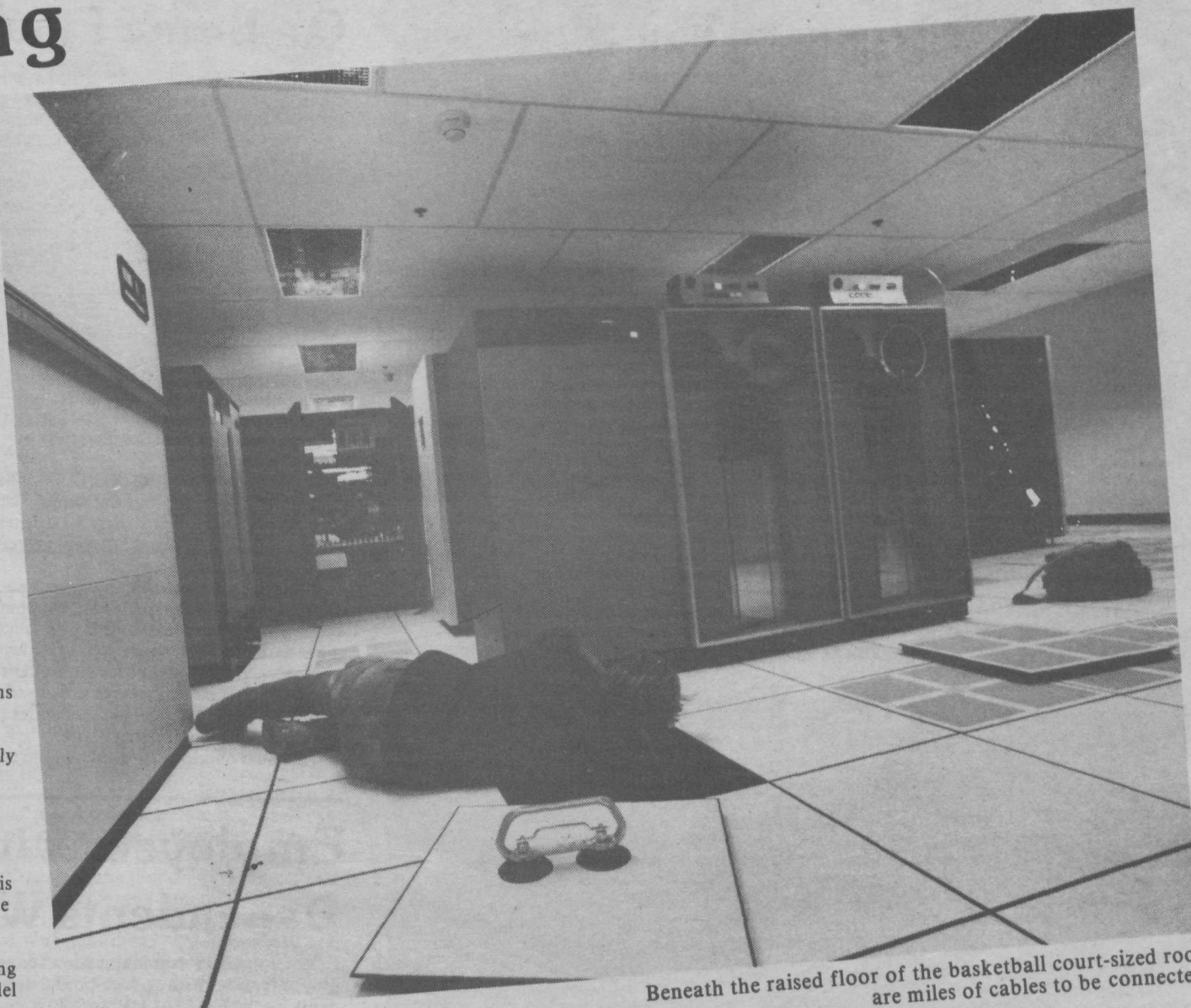
Probing and testing, connecting and energizing, a team of engineers and technicians is breathing life into a giant on campus.

The Production Supercomputer Facility, the first big machine acquired by the recently established Center for Theory and Simulation in Science and Engineering, is coming together. Using a portion of the \$21.9 million in funding from the National Science Foundation and \$30 million in equipment and support from IBM, the Theory Center is providing a system that some experts believe all large-scale computers of the future will follow — parallel processing.

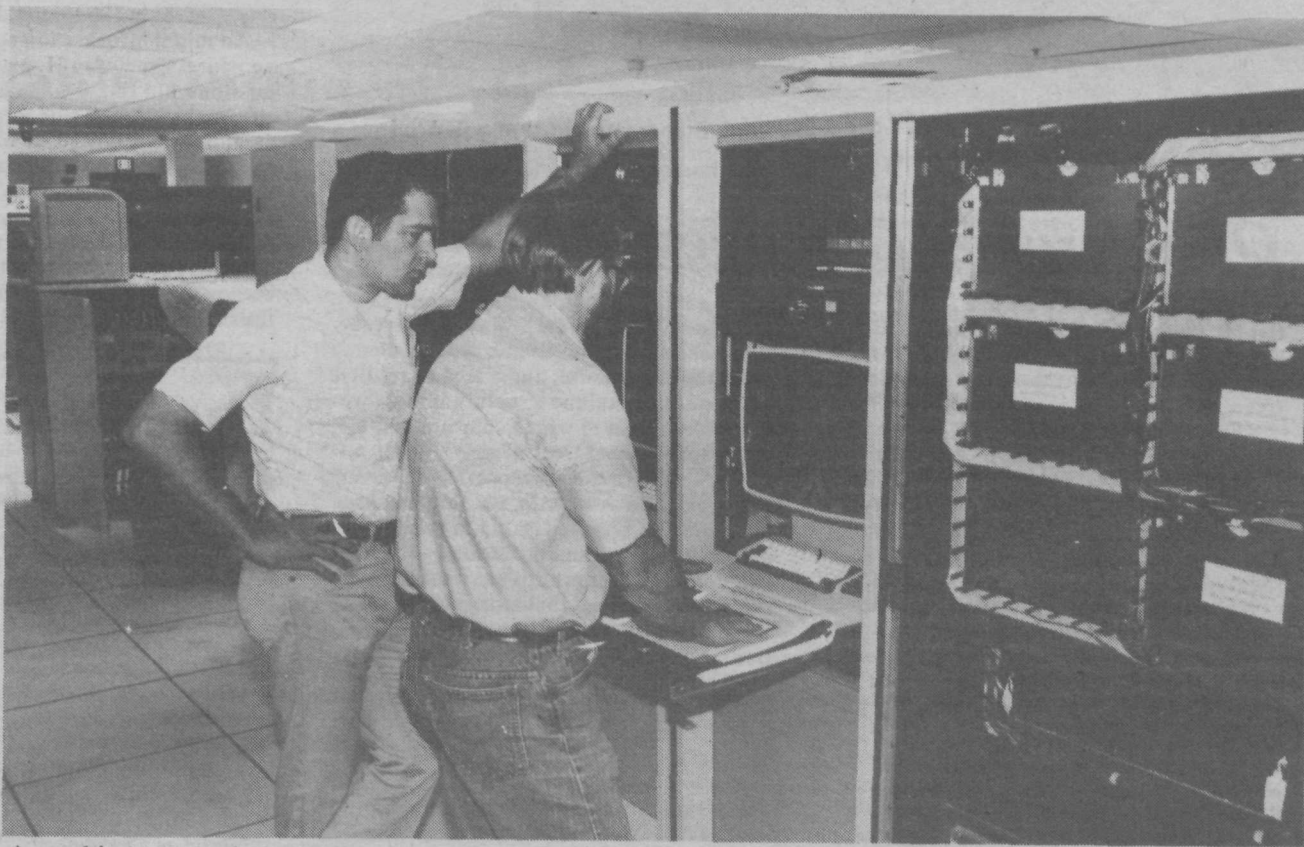
Four scientific processors built by Floating Point Systems are being connected in parallel to a top-of-the-line IBM mainframe, a 3084QX. Its configuration will allow 200 megaflops (200 million floating point operations per second) of power, enough to handle many complex research problems that have overwhelmed lesser machines. The 3084QX will be upgraded within the year. The Theory Center is also planning for its experimental supercomputer, which will be highly parallel in architecture, expected late next spring.

Truckloads of computing equipment and peripheral accessories began arriving last week, just as construction workers were completing the specially designed addition to Comstock Hall. Engineers from the manufacturers and from Cornell Computer Services immediately started the installation. Rows of computing machines — indistinguishable, except for their nameplates, from the massive air conditioners that help the electronic brains keep their cool — fill a room the size of a basketball court. It is the largest and most powerful computer Cornell has ever had.

The first of four NSF-designated supercomputer centers to begin research (using an interim facility of existing machines here in May), the Theory Center also expects to be the first to get a fully configured facility up and running, later this month. Some 32 research groups from Cornell and around the country, including two directly assigned by the NSF, are eagerly awaiting the chance to test the powers of the digital giant.



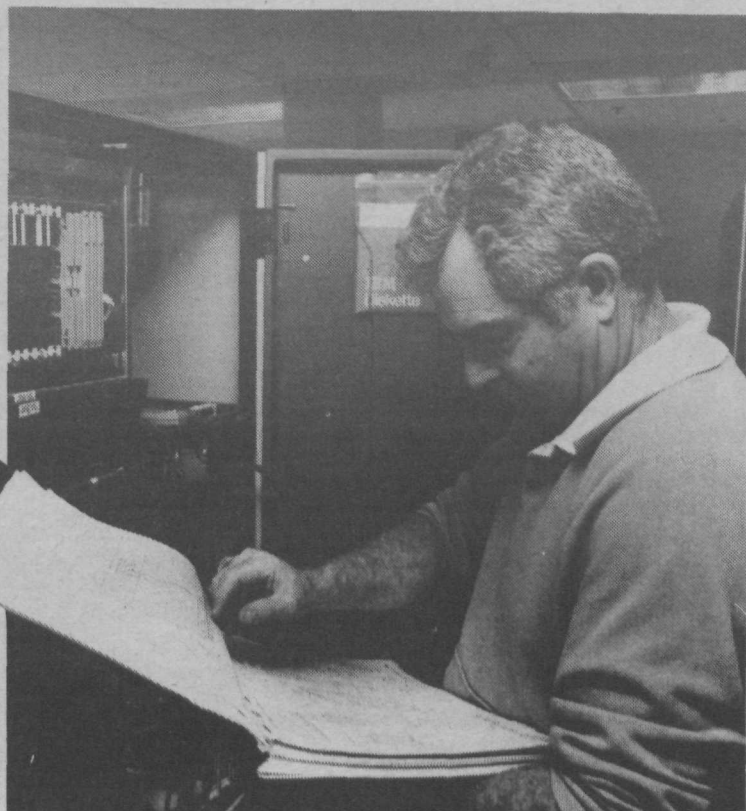
Beneath the raised floor of the basketball court-sized room are miles of cables to be connected.



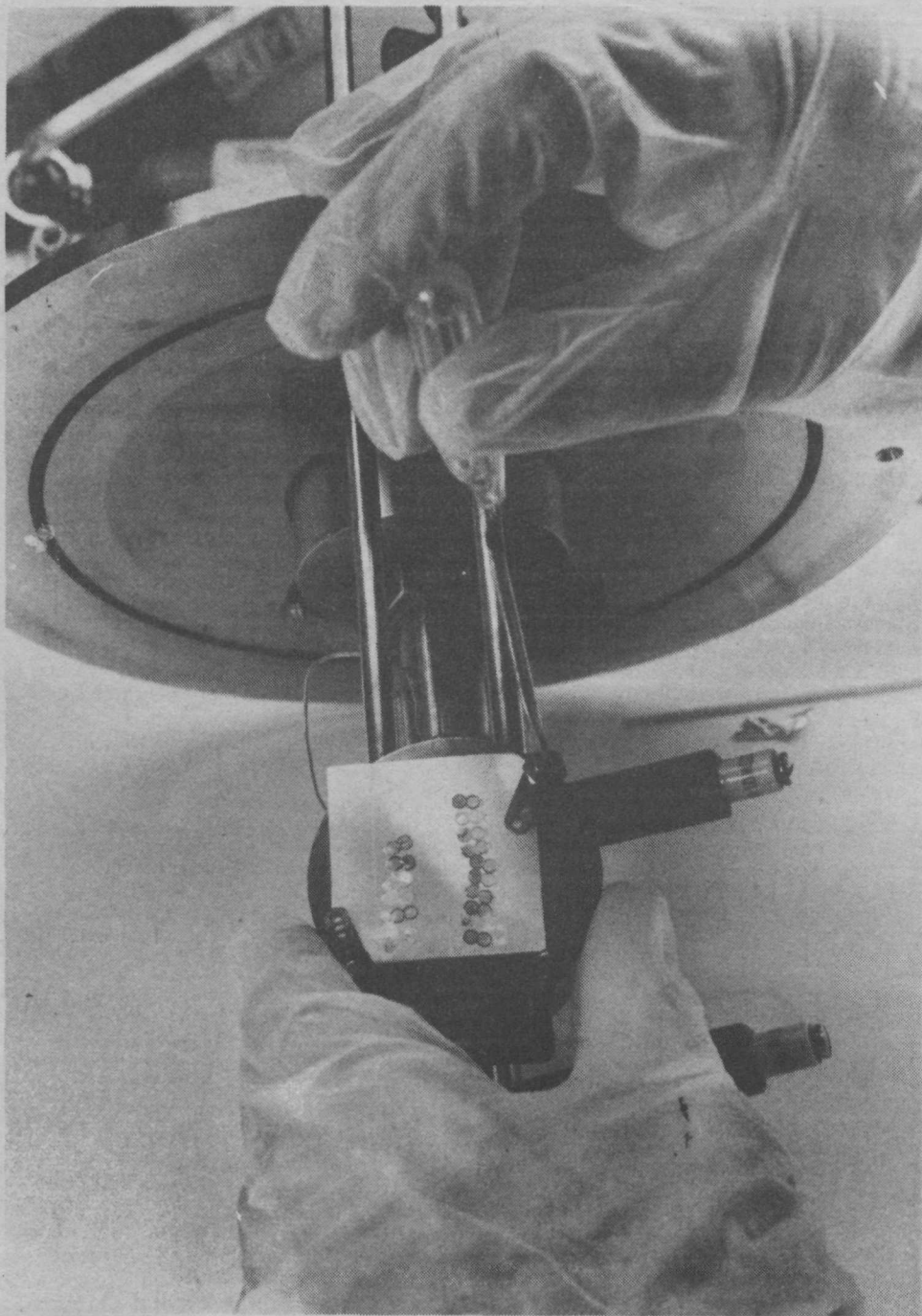
A machine as complex as a supercomputer needs massaging to bring it to life.



Three of the four scientific processors, at right, fill one end of the Production Supercomputer Facility.



IBM's contribution to the Theory Center includes a top-of-the-line mainframe and engineering support services.



Thin films of alloys are prepared for the ion implanter treatment that will produce a material somewhere between crystal and liquid.

Quasicrystal Discovery

Continued from Page 1

test for such properties as superconductivity and electrical resistance, hardness, corrosion resistance, light absorption, and other properties."

"From a scientific standpoint, no one knows where this research will lead," he added.

Quasicrystals exist between the two extremes of matter — the amorphous or liquid-like state, where atoms are not ordered, and the crystalline state, which is well-ordered with a structure that repeats itself like wallpaper patterns, according to Mayer.

Quasicrystalline matter takes the shape of icosahedrons — 20-sided shapes made of equilateral triangles and resembling faceted soccer balls. The icosahedrons do not fit together perfectly and leave gaps, unlike conventional crystal structures, and they do not form a repeating pattern. Until quasicrystalline matter was discovered three years ago, such a structure was thought by physicists to be impossible in nature.

The Cornell materials scientists began their experiments by producing films of aluminum-manganese as thin as 500 Angstrom units (about one-thousandth the thickness of a sheet of paper). They then irradiated the films with the beam from an ion beam implanter.

"The ion beam, when penetrating a solid,

is like a bowling ball, knocking down pins and producing disorder," Mayer observed. One treatment of ion beams produced an amorphous structure, and a second resulted in the quasicrystalline structure. Similar results were achieved with a combination of ion beam and heat treatments.

The Cornell students reported their results to Physical Review Letters in June, making them the first research group to achieve quasicrystalline transformation by ion beam irradiation. Other groups are working on similar methods at laboratories at Oak Ridge and Sandia, and at the Physics Institute in Denmark.

"This was not in my main menu of research," said Nastasi, who is completing his Ph.D. thesis in materials science and engineering. However, Lilienfeld changed his thesis topic to the production of the quasicrystalline state when the success of the ion beam technique became apparent.

"This was a major gamble on the part of these student-researchers," Mayer said.

Lilienfeld and Nastasi credit the ready availability of specialized equipment at the Cornell Submicron Facility and the Materials Science Center for their success. "Thirty-six-hour" days and some "all-nighters" at the transmission electron microscope helped, as well, in their "race" against larger research programs at the national labs.

Spirit of Zinck's Will Be the Spark For a Series of Nationwide Parties

From Albany to Atlanta and Philadelphia to Palo Alto, more than 5,000 Cornell University alumni are expected to gather in 25 cities Oct. 17 for a nationwide reunion.

"In some cities there will be as many as 500 Cornellians participating, in others probably only 50 or so, but there will be fun everywhere," according to Steven Chernys, a 1983 Cornell graduate who is organizing the third annual, coast-to-coast reunion.

"Maybe it's because Ithaca is isolated, but everybody at Cornell always seemed to know everybody else, even though it is a big school. Renewing friendships is what this whole night is about," Chernys explained.

Initiated in 1983 by members of the Class of 1977, this year's nationwide reunion is be-

ing sponsored by graduating classes of the 1970s and 1980s. The reunion has been given the name "Cornell National Spirit of Zinck's Night."

Zinck's, formally named the Hotel Brunswick, was a popular watering hole for Cornell students beginning in 1880. The name Zinck's came from Theodore Zinck, a German saloon keeper who ran the hotel before the turn of the century.

"Zinck's" continued, albeit under different names, until its final closing in 1967. Its spirit, though, has been kept alive in a popular campus song which contains the lyric: "We'll all have drinks at Theodore Zinck's when I get back next fall."

Many Parents Are Missing Out On Some Financial Aid Sources

One of the most common mistakes parents make regarding their children's college education is not applying for financial aid, according to Susan H. Murphy, dean of admissions and financial aid.

"Financial aid is often attributed, particularly by parents, as going to only those who are receiving welfare, and that's not at all the situation," Murphy says. "So many parents are convinced they will not qualify that they don't even bother to complete the paper work."

By not seeking financial aid, "parents are making judgments about what college their son or daughter may attend based upon 'the sticker price' — the tuition figure that you see in the publications," Murphy adds. "They may be eliminating a variety of schools unnecessarily."

Some 60 to 70 percent of college students do seek financial aid, but the number should be even higher, Murphy says. At Cornell, 70 percent of undergraduate students receive some form of aid.

Financial aid comes in all types of packages, the Cornell dean emphasizes. Some types — such as federal and state government loans or work-study jobs at colleges and universities — are based on student need. Other financial awards are based on academic merit or talents in specialties ranging from music to athletics.

The most overlooked source of aid is pri-

vate scholarships that are offered by independent organizations to students studying in a particular discipline, according to Murphy.

"It takes a good bit of initiative on the student's part to identify which outside scholarship might be right for him or her," Murphy says. "How much aid goes unclaimed is a very difficult figure to put your hand on. I'm sure there are many specific scholarships that are not awarded."

Murphy cautions, however, that colleges and universities should not increase their merit-based scholarship programs at the expense of students who truly need financial aid to attend college.

"There's no question that students who excel want, and perhaps deserve, to be rewarded for that. My concern is that the need for need-based aid is so great that I think that has to be our primary emphasis," she says. "We need to ensure that no student is denied access because of a lack of resources."

"The financial aid community needs to begin to broaden its vision and look at financing alternatives, because it's going to become more and more difficult for families to pay for four years of college in four years," Murphy concludes.

"We need to look at how families can spread out those payments, much like you might spread out a mortgage payment."

Employees with College-Bound Dependents Will Meet Sunday

The university's annual session for employee families with college-bound dependents is scheduled for 1:30 to 3:30 p.m. Sunday, Oct. 6, in 120 Ives Hall.

An initial information session, featuring an address by Susan H. Murphy, dean of admissions and financial aid and a panel discussion by Cornell students from the Ithaca area, will be followed by sessions in other rooms by individual colleges at the university.

Families may choose to go to two specific college sessions during the two back-to-back half-hour periods, or to attend one specific session and a general session in Room 120 on the subject of financial aid and the Cornell

Children's Tuition Scholarship Program.

A representative of the Office of University Personnel Services will be on hand to answer questions about the tuition benefit program, and someone from the Office of Financial Aid will be present.

Admissions Director Ann V. York also will be running a special session this year for younger high school students (freshmen through seniors) and their families which will be directed at more basic college exploration issues, including the importance of SAT scores, the value of SAT coaching, the importance of the campus visit and interview and preparing for the interview.

Luce Professorship Established On Implications of Biotechnology

Cornell has established the Henry R. Luce Professorship in the Social Implications of Biotechnology with a grant from The Henry Luce Foundation, Inc.

In announcing the grant, Cornell President Frank Rhodes said the professorship will help the university face the "challenge of its phenomenal growth as a major center for biotechnology research and development."

The recent designation of Cornell as the New York State Center for Advanced Technology for Biotechnology recognizes its standing as a major center for biotechnology research and development, Rhodes said. He added, "The university's designation as the site for The National Research and Resource Facility for Submicron Structures and as one of the supercomputer centers established earlier this year by The National Science Foundation places Cornell among the most advanced centers for technology in the nation."

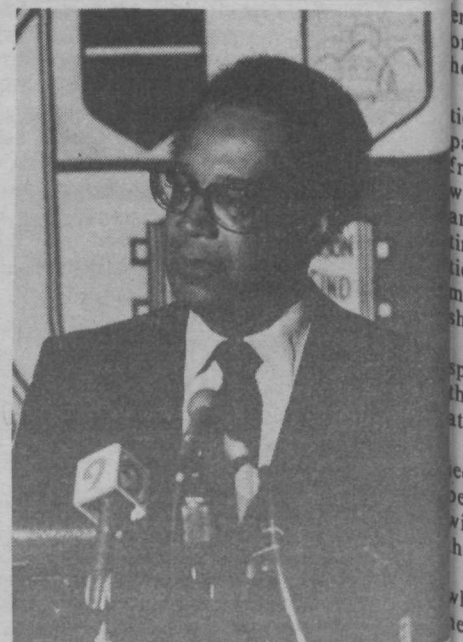
The professorship, he said, will help "interpret the findings and impact of our biotechnology programs, providing a basis to assess the technological and legal questions as well as the broader ethical, social, and philosophical questions raised by biotechnology. The Luce Professorship will help us to bridge the gap between scientists and humanists by introducing a new perspective and creating a new dialogue of understanding."

The Luce Foundation has provided Cornell with a \$375,000 grant to cover a five-year period of the professorship. The holder of the chair will be selected after a nationwide search.

Luce professorships were established in 1969 to "encourage academic innovation through an integrative approach to the humanities, the social sciences, and related disciplines," according to the foundation.

Franklin A. Long, the Henry R. Luce Professor of Science and Society, Emeritus, at Cornell, was among the first three persons in the nation awarded a Luce Professorship. He was, at the time, director of Cornell's

newly established Program on Science, Technology, and Society. Today, Long is a leading figure in the debate over peace and armaments.



Samuel R. Pierce Jr., secretary of Housing and Urban Development and a Cornell graduate, returned to campus last week to lecture on "Current Issues in Housing and Urban Policy." Pierce, shown above answering questions during an interview opportunity with local and regional media, was the keynote speaker for Cornell's Real Estate Council conference. During his meeting with the press, Pierce said he would be leaving the Reagan Administration before the end of the second term, but he declined to specify his reasons.



United Way leaders include Kenneth Wing (left) who heads the campus campaign, Robert Allan (center) who is chairman of the county campaign, and Laing Kennedy, director of athletics and coordinator of Saturday's events.

United Way

Continued from Page 1

keep our local services working for all of us."

The Cornell campaign will be conducted by approximately 400 campus volunteers. To guide the campaign, Wing has organized an executive committee: Lee M. Snyder, campaign vice chairman/director of personnel services; Clint C. Sidle, Division 1 campaign deputy/controller's office; John P. McKown, Division 2 campaign deputy/controller's office; Mary Nicotera, Division 3 campaign deputy/budget analyst, Agriculture and Life Sciences; Reeshon Feuer, campaign deputy for Faculty Retirees Division/professor emeritus, agronomy; David Drinkwater, campaign deputy-Students Division/Dean of students; Joel Zumoff, campaign deputy for

Systems Programming/Computer Services; H. Ken Dedominicis, campaign deputy for publicity & information/Development Office; Robert B. Allan, Tompkins County campaign chairman; and Carla E. Sutherland, acting executive director of the United Way of Tompkins County.

The United Way agencies serve more than 25,000 local citizens each year. Services range from child care to senior services to recreation and rehabilitation.

"For the campaign to be successful everyone has to know the full United Way story," Wing said. "I hope that every volunteer and member of the Cornell community will have the opportunity to have questions about our United Way answered." Questions may be answered or requests for presentations or training sessions may be arranged by calling the United Way office at 272-6286.

Temporary Parking Available During Construction

Approximately 100 temporary parking spaces were made available for faculty and staff of the Arts College last week to meet increased demand because of a construction project that has curtailed parking on North Central Avenue.

Ironically, the construction causing the problem will create 25 additional spaces along North Central Avenue, the dead-end road that runs south off University Avenue at the Herbert F. Johnson Museum of Art.

In order to relieve the pressure from the short-term loss of parking spaces due to this fall's projects, temporary parking has been designated in two locations for those individuals who usually park in the 70 plus spaces along North Central Avenue. A temporary lot at the foot of Libe Slope can be entered from West Avenue and has space for about 40 parkers. An area on the South lawn of Balch Hall also has been set aside for another 50 parkers. These areas are marked by orange fencing and posted for U permit holders.

William E. Wendt, director of transportation services, said, "We recognize that these parking areas are somewhat more distant from work locations for those who normally would use the Central Avenue parking areas, and we ask individuals to plan their arrival times accordingly." Under normal conditions, he said, a walk of no more than 10 minutes from the farthest point of either lot should be expected.

Arrangements for individuals who have special needs which are not met can be made through the Office of Transportation Services at 256-4628.

Wendt said the North Central Avenue project, under way since early September, is expected to be completed in early November. It will increase the number of parking spaces there from 76 to 101.

The tight parking situation is aggravated when construction projects are in progress, he explained. "To alleviate this problem, we have contractors working overtime, at odd hours, and even on weekends, in order to get projects completed ahead of schedule," Wendt said.

University plans call for an increasing number of new and rehabilitative construction projects across campus over the next several years, according to Wendt. "Unfortunately, these projects almost always disrupt parking and the daily schedules of many individuals," he said.

In order to accommodate parkers who will be displaced by long-term construction projects, Wendt said that an aggressive program of reconstructing existing parking areas has been undertaken with an effort to increase the

supply of parking in many locations. This is the case of the project currently under way north of Martha Van Rensselaer Hall and along North Central Avenue.

These projects have been scheduled this fall due to an increasingly heavy construction schedule for the spring, summer, and fall of 1986, including a parking garage for 700 vehicles, the start of the new Academic I building, an addition to Savage Hall and a new athletic fieldhouse.

According to Robert Matyas, vice president for facilities and business operations, contractors are required to abide by noise abatement regulations. To insure compliance, a full-time field inspector is now on the job to help make sure that teaching activities are not disrupted.

Matyas and Wendt extended their apologies to those faculty, staff, and students who were affected by problems that arose

Hearing Board to Amend One of Its Procedures

The University Hearing Board has amended its Procedures to change the provisions under which cases against more than one defendant can be heard simultaneously.

Under Article III, Section 7.D.7 of the Campus Code of Conduct, such an amendment takes effect 30 days after this publication in the Chronicle.

Specifically, the Hearing Board is deleting the Current Article I, Section G, of the Procedures of the University Hearing Board and inserting in its place the following provision:

"G. (1) The cases against more than one defendant may be heard simultaneously if:

"(a) all such defendants are of the same peer group (i.e., student, faculty, or staff member);

"(b) the cases arise out of the same incident; and

"(c) the Judicial Administrator determines or all such defendants agree that such cases should be so heard.

"(2) If the Judicial Administrator or any such defendant does not believe that the cases against all such defendants should be heard simultaneously, then the hearing panel shall hear all arguments both in favor of and against proceeding simultaneously, and shall

determine how the cases should proceed.

"(3) If the Judicial Administrator has charged more than one defendant whose cases are to be heard simultaneously, and if the hearing panel determines that such cases should not be heard simultaneously, then the panel shall adjourn the cases against all defendants whose cases are not heard by that panel until such time as other panels can be convened to hear such cases.

"(4) The hearing panel reserves the right to overrule any decision or agreement by the parties to hear the cases against more than one defendant simultaneously."

The current language of Section G is as follows:

"G. The case of more than one person may be heard simultaneously only if:

"1) no one of them objects,

"2) all are of the same peer group (student, faculty, employee),

"3) the Judicial Administrator is notified at least 24 hours in advance of the hearing,

"4) the cases arise out of the same incident.

"The hearing panel reserves the right to over-rule any decision to hear more than one person simultaneously."

Biotechnology Symposium to Look At Social, Economic Considerations

A two-day symposium to discuss the latest advances in biotechnology and social and economic ramifications of regulating biotechnology will be held here, Oct. 15-16. All sessions are open to the public at no charge.

The symposium, to be held in Statler Auditorium, is expected to attract an audience of 250 to 300, according to Milton Zaitlin, associate director of the Cornell Biotechno-

logy Program and professor of plant pathology in the State College of Agriculture and Life Sciences.

Sponsored by the Cornell Biotechnology Program, the symposium on "Bioengineering and Government Regulation" will feature a series of papers presented by Cornell faculty members covering the various technical aspects of genetic engineering on Tuesday, Oct. 15.

Professor James Bailey of the California Institute of Technology will be the keynote speaker. His presentation, "Plasmid Instability in Yeast: A Biochemical Engineer's Odyssey from Bioreactors to DNA and Back," is scheduled for 9:10 a.m. Oct. 15.

The Wednesday morning session, Oct. 16 will be devoted to discussion of government regulation of biotechnology and its social and economic implications. The main speaker is Donald R. Clay, director of the Office of Toxic Substances in the Environmental Protection Agency, who will speak at 9 a.m. on the topic, "Regulation of Biotechnology Overview and Perspective."

Clay's presentation will be followed by a panel discussion on this and related issues. Other panelists are Prof. Bernard Davis of Harvard University and Ralph W. Hardy, president of BioTechnica International in Boston and a visiting professor of life sciences at Cornell.

For further information, contact Sheila Huey, Box 547, Baker Laboratory, or call 256-2300.



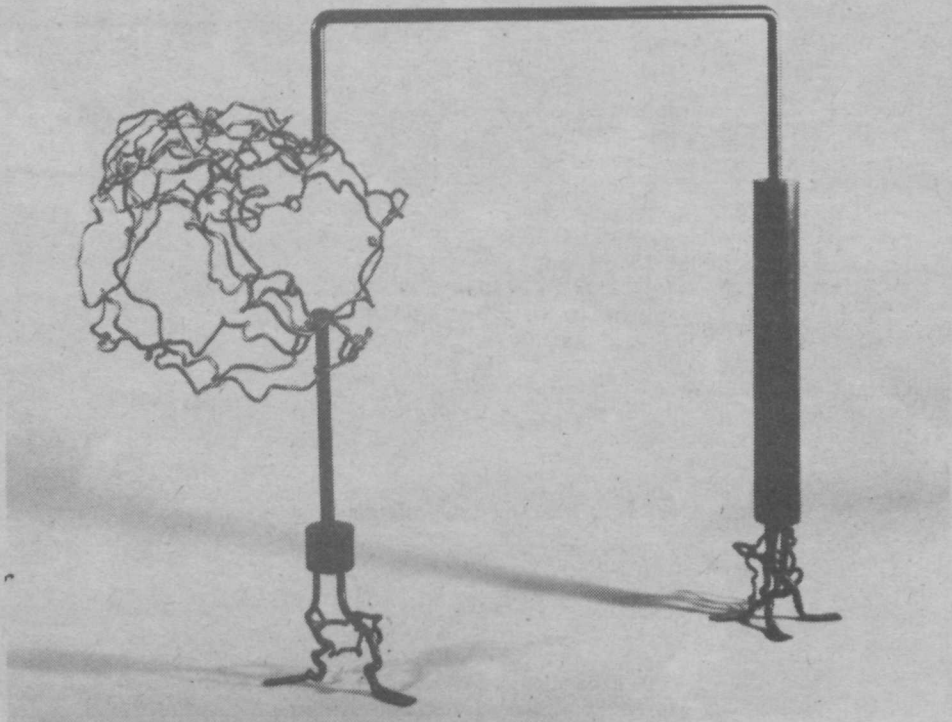
Scene at the tailgate behind Schoellkopf at last Saturday's Colgate game.

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

- Alternatives Library**
Apartheid in South Africa: learn more about the issues at the Alternatives Library, Anabel Taylor Hall. Up-to-date and informative books and periodicals on loan. Free and open to the public.
- Sexuality and Personal Growth**
Transformation Workshops is sponsoring a three-session workshop on clearing up the barriers to sexual fulfillment and personal development, with Let Davidson, Ph.D. and Gloria Elaine Cox, Therapist. Meets Fr., Oct. 11, 7-10:30 p.m.; Sat., Oct. 12, 10 a.m.-7 p.m.; Sat., Oct. 19, 10 a.m.-7 p.m. For information and registration call 272-4131.
- Archaeology Program Colloquium**
Hirsch Fund travels reports from the field; students will discuss field work in Britain, St. Eustatius, (Netherlands Antilles), Ripa Tetta (Italy). Taos (New Mexico), and Chile. 4:30 p.m., Thurs., Oct. 3 in McGraw 305. All welcome.
- Intramural Cross Country Run (Men, Women)**
Deadline on entries is Tues., Oct. 8 at 4 p.m. in the Intramural Office, Helen Newman Hall. Meet will be run on Thurs., Oct. 10 at 5:10 p.m. (promptly) starting at the Moakley House on the golf course diagram in IM Handbook. No less than 3 nor more than 5 will comprise a team.
- Guatemalan Documentary**
Pax Ithaca will present the 1984 BBC documentary on Guatemala, "The Hidden Holocaust," at 5 p.m. Tuesday, Oct. 8, in room 145 of Warren Hall. The free showing will be followed by a discussion of the current situation in Guatemala.
- Ears**
On behalf of Empathy, Assistance and Referral Service, fondly known as E.A.R.S., We are happy to announce that we have recently expanded our hours. Friday hours have been extended from 7-11 p.m. to 5-11 p.m. Our regular hours Sunday through Thursday, 3-11 p.m. and Saturday, 7-11 p.m. continue unchanged. E.A.R.S. provides short-term peer counseling on a walk-in as well as telephone basis; we are located in Willard Straight Hall, room 211, and our phone number is 256-EARS. All services are free and completely confidential. As ever, E.A.R.S. counselors look forward to being of support to all members of the Cornell community.
- Cornell Toastmasters**
Do you have a stage fright when speaking before an audience, or are you planning to speak before your committee or organization? Or would you like to meet new and different people? Then Toastmasters is for you. Toastmasters is a professional organization whose goal is to help its members become comfortable and able in public speaking and dealing with large groups of individuals. If you are interested in joining a professional speaking club, then come and participate with the Cornell Toastmasters. First and Third Tuesdays at 5:30 p.m. in 135 Emerson Hall. Contact Rafael at 257-7669 for details.
- Every Thursday**
Goldwin Smith Kaufmann Auditorium, 5 p.m. Cornell Coalition for Divestment general meeting. All welcome.
- Gay Jews Support Group**
A support group for gay Jews is being formed, to share and explore related concerns and conflicts, possible ways to confront them, exchange religious and cultural context material. If interested in taking part, please call GayPac, 256-6482. Confidentiality ensured.
- Writing Workshop**
Writing Workshop Walk-in Service. Free tutorial instruction in writing. Mon.-Thurs., 3:30-6 & 7:30-10 p.m.; Sun. 3-8 p.m. 174 Rockefeller Hall and Sun.-Thurs. 9-11 p.m. in 340 Goldwin Smith Hall.
- Medieval Manuscripts**
Information is currently being sought on the presence of medieval manuscripts in private collections in the Ithaca area for the purpose of compiling a census. If you own a medieval manuscript or a page from a manuscript, please contact: Professor R.G. Calkins, Department of the History of Art, Goldwin Smith 35, Cornell University. Identity of owners will remain completely confidential.
- Colloquia**
Monday
Oct. 7, 12:10 p.m. Uris Hall 302. Sociology Colloquium: "Ethnic Conflict and Protest in American Cities," Professor Susan Olzak, Cornell.
- Dance**
Feuer and Matheke
The Cornell Dance Series presents former Ithacan and Cornell graduate, Willie Feuer, and his

- partner, Susan Matheke, in "Dances for 2" Saturday, Oct. 5 in the Memorial Room, Willard Straight Hall. The program will feature "Deserted Waterfalls," an Ithaca inspired work. Tickets are available at McBooks, Straight box office, Dance Office and at the door. The Memorial Room has limited seating.
- Cornell Folkdancers**
The Cornell Folkdancers meet in the North Room of Willard Straight Hall on Sundays, throughout October. Instruction from 7-8:30 p.m., followed by request dancing till 10:30 p.m. Free; beginners welcomed; no partners needed. For more information call 256-7149 or 257-3156.
- Israeli Folk Dancing**
Dancing will be held on Thursday evenings at 8 p.m. in the One World Room of Anabel Taylor Hall. Beginners and experienced dancers welcome.
- Every Wednesday**
The Jitterbug Club meets 7:30-9:30 p.m. in the Edwards Room, Anabel Taylor Hall. Beginners taught 7:30-8:30 p.m. For more information call Jim Krebs at 256-5034 or 257-4692.
- Jazz Exercise**
Adult Jazz Exercise Dance Class. Tuesdays and or Thursdays, 7-8 p.m. Call 256-4231 mornings, or 257-5677 for further information.
- Saturday**
Oct. 5, 8 p.m. *Willard Straight Memorial Room. "Dances for 2, Willie Feuer and Susan Matheke." Sponsored by Cornell Dance Office.
- Exhibits**
The Herbert F. Johnson Museum of Art, located at the corner of University and Central Avenues on the Cornell campus, is open Tuesday through Sunday from 10:30 a.m. to 5 p.m. Admission is free. "North American Basket Treasures from the Peabody Museum, Harvard University" through Oct. 27. "Cornell University Art Department Faculty Exhibition" through Oct. 20. "Teionkwahontasen: Basketmakers of Akwesasne."
- Herbert F. Johnson Museum of Art**
"Cornell University Art Department Faculty Exhibition, through Oct. 20. "Urban Visions: The Paintings of Ralph Fasanella" Sept. 11-Nov. 10. The Herbert F. Johnson Museum of Art, located at the corner of Central and University Avenues, is open Tuesday through Sunday, from 10 a.m.-5 p.m. The Expanding Cinema returns to the Museum this fall with its most ambitious schedule yet, making it one of the country's most extensive surveys of experimental film and video works. Expanding Cinema programs will be shown throughout the academic year, every Sunday at 2 p.m. in the museum's Lecture Room. Guest film and video artists, lecturers, and critics will be featured regularly. The Expanding Cinema is a joint program of Cornell Cinema and the Johnson Museum. All programs are free and open to the public.
- Films**
Unless otherwise noted films are sponsored by Cornell Cinema.
- Thursday**
Oct. 3, 12:20 p.m. Warren Hall, Room 32. Rural Sociology 104. Issues and Policies in Rural Sociology: "Seeds of Revolution" (land tenure and social change.) Looks at the development of the banana industry in Honduras.
- Oct. 3, 8 p.m., Uris Auditorium.** "When the Mountains Tremble, the acclaimed 1983 documentary about Guatemala. The free showing is the third in a series of films on Latin America sponsored by CUSLAR and the Latin American Studies Program with funding by GFC. The public is invited to attend. A Guatemalan refugee living in Ithaca will give an update and lead a discussion afterwards.
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- "Walking Barre," a 1985 work by James Cole, a painted steel work from the collection of the artist is part of the Cornell University Department of Art Faculty Exhibition at the Herbert F. Johnson Museum of Art through Oct. 20.

- Friday**
Oct. 4, 8 p.m. *Anabel Taylor Auditorium. "Aquirre-The Wrath of God" (1973), directed by Werner Herzog, with Klaus Kinski and Ruy Guerra.
- Oct. 4, 10 p.m. *Uris Hall Auditorium.** "The Cotton Club" (1984), directed by Francis Ford Coppola, with Richard Gere, Gregory Hines.
- Saturday**
Oct. 5, 7 p.m. *Uris Hall Auditorium. "The Baisileus Quartet" (1982), directed by Fabio Carpi, with Pierre Malet, Hector Alterio, and Omero Antonutti.
- Oct. 5, 8 p.m. *Anabel Taylor Auditorium.** "The Great Dictator" (1940), directed by Charles Chaplin, with Jack Oaki, Charlie Chaplin and Paulette Goddard.
- Oct. 5, 9:30 p.m. *Uris Hall Auditorium.** "The Cotton Club."
- Oct. 5, 12 midnight *Uris Hall Auditorium.** "Rock N' Roll High School" (1979), directed by Allan Arkush, with The Ramones, Vincent Van Patten, and Clint Howard.
- Sunday**
Oct. 6, 2 p.m. Johnson Museum. Cucumber Studios Program. Works by Anabel Jankel and Rocky Morton. Co-sponsored by CCPA.
- Oct. 6, 8 p.m. *Uris Hall Auditorium.** "Terms of Endearment" (1983), directed by James Brooks, with Shirley MacLaine, Jack Nicholson, Debra Winger.
- Monday**
Oct. 7, 9 p.m. *Uris Hall Auditorium. "Death of a Bureaucrat" (1966), directed by Thomas Gierrez Alea. Film Club Members only.
- Tuesday**
Oct. 8, 4:30 p.m. Uris Library Media Center, Room 310. Southeast Asia Film Center. "The Best Place to Live." A documentary about how a group of Hmong (Miao) refugees from Southeast Asia cope with life in the U.S.
- Oct. 8, 8 p.m. *Uris Hall Auditorium.** "Blue Collar" (1978), directed by Paul Schrader, with Richard Pryor, Harvey Keitel, and Yaphet Kotto. Co-sponsored by Johnson Museum and ILR School.
- Wednesday**
Oct. 9, 4:30 p.m. Uris Hall Auditorium. "The Night of the Counting the Years" (1969), directed by Shadi Abdelsalam. Co-sponsored by The Camel Breeders.
- Oct. 9, 8 p.m. *Uris Hall Auditorium.** "Last Night at the Alamo" (1983), directed by Eagle Pennell, with Sonny Davis, Lou Perry, Steve Matilla. Co-sponsored by the Cornell Men's Network.
- Thursday**
Oct. 10, 12:20 p.m. Warren Hall 32. Rural Sociology 104: Deforestation and soil depletion: "On the Edge of the Forest." Warns about the potentially catastrophic consequences of cutting down forests in the name of "economics" and "progress."
- Oct. 10, 8 p.m. *Uris Hall Auditorium.** "JOM" (1982), directed by Ababacar Samb. Co-sponsored by Camel Breeders.
- Friday**
Oct. 11, 8 p.m. *Anabel Taylor Auditorium. "Harold and Maude" (1972), directed by Hal Ashby, with Ruth Gordon, Bud Cort, and Vivian Pickles.
- Oct. 11, 10 p.m. *Uris Hall Auditorium.** "Paris, Texas" (1984), directed by Wim Wenders, with Nastassia Kinski, Harry Dean Stanton, and Dean Stockwell.
- Saturday**
Oct. 12, 8 p.m. *Anabel Taylor Auditorium. "Rebecca" (1940), directed by Alfred Hitchcock, with Laurence Oliver and Joan Fontaine.
- Oct. 12, 8 p.m. *Uris Hall Auditorium.** "Paris, Texas."
- Oct. 12, 11 p.m. *Uris Hall Auditorium.** "Harold and Maude."
- Sunday**
Oct. 13, 2 p.m. Johnson Museum. "Ruckus Manhattan" directed by Red Grooms. Co-sponsored by CCPA.

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- Oct. 13, 8 p.m. *Uris Hall Auditorium.** "Stella Dallas" (1937), directed by King Vidor, with Barbara Stanwyck, John Poles. Shown with "Back Street" (1932), directed by John M. Stahl. with Irene Dunne and John Boles.
- Lectures**
Thursday
Oct. 3, 12:20 p.m. 102 West Ave. Ext. Southeast Asia Program Lecture: "Generalized Exchange in Eastern Indonesia," David Hicks, Professor of Anthropology, SUNY, Stony Brook.
- Oct. 3, 3:30 p.m. Bradfield Hall 101.** "Agriculture Research and the African Food Crisis," by Dr. Norman Borlaug of the International Maize and Wheat Improvement Center, Mexico, and A.D. White Professor-at-Large.
- Oct. 3, 4:45 p.m. Uris Auditorium.** 1985 Robert S. Hatfield Address on "Business and Education in a Changing World," Mr. James Ferguson, Chairman and Chief Executive Officer of General Foods Corporation. Free and open to the public. Sponsored by the Office of University Development.
- Oct. 3, 7 p.m. Anabel Taylor Founders Room.** "God's Gentle Might," Marion Pierpont. Sponsored by the Christian Science Organization at Cornell.
- Monday**
Oct. 7, 7:30 p.m. Anabel Taylor One World Room. America and World Community: "United Nations, World Peace and World Community," Harrop Freeman, Professor Emeritus of International Law.
- Wednesday**
Oct. 9, 4:15 p.m. Goldwin Smith Hollis E. Cornell Auditorium. "Ecology in theory and application: the relevance and irrelevance of basic science in the resolution of environmental issues," Simon A. Levin, The Charles A. Alexander Professor, Division of Biological Sciences.
- Oct. 9, 4:30 p.m. Thurston Hall 205.** College of Engineering Guest Lecturer Series: "The Acoustical Inverse Problem for the Vocal Tract," Dr. Man Sondhi, AT&T Bell Laboratory.
- Oct. 9, 7:30 p.m. Anabel Taylor One World Room.** America and World Community: "United Nations, World Peace and World Community," Harrop Freeman, Professor of International Law.
- Thursday**
Oct. 10, 12:20 p.m. 102 West Ave. Ext. Southeast Asia Program: Takashi Shiraishi, Department of International Relations, University of Tokyo. Topic to be announced, Southeast Asian history.
- Friday**
Oct. 11, 12:15 p.m. Africana Studies and Research Center, Hoyt W. Fuller Room. Africana Roundtable: A Brown Bag Luncheon Discussion Series: "Behind the Nigerian Coup," Wolf Soyinka, Fellow, Society for the Humanities.
- Music**
Friday
Oct. 4, 8:15 p.m. *Barnes Hall. Parents Weekend Concert: "Nothing But Treble." Folk songs, madrigals, pops.
- Saturday**
Oct. 5, 8:15 p.m. Barnes Hall. Music of Bach and Handel: Sonya Monosoff, Baroque violin; Kenneth Cooper, harpsichord; John Hsu, viola da gamba. Bach Festival Concert. Sponsored by Cornell Council of the Creative and Performing Arts and Department of Music.
- Sunday**
Oct. 6, 4 p.m. Barnes Hall. Music of Bach and Handel program repeated.
- Tuesday**
Oct. 8, 8:15 p.m. Barnes Hall. Music of North India: Sarod and Tabla. Das Gupta, sarodi; A.G. Bandopadhyay, tabla. Festival of India.
- Friday**
Oct. 11, 8:15 p.m. Barnes Hall. Student Recital: Trevor Stephenson, Carl Blake, fortepiano fourhands, Mozart duets.
- Sunday**
Oct. 13, 4 p.m. Barnes Hall. Cynthia Raim, piano. Works of Bach, Bartok, Schumann, Ravel.
- Religious Events**
Friday
Oct. 4, 8:30 p.m. Chavurah, 517 E. Buffalo St. Oneg Shabbat.
- Tuesday**
Oct. 8, 8 p.m. Anabel Taylor 314. Basic Judaism.
- Thursday**
Oct. 10, 5 p.m. Anabel Taylor G-34. Student Struggle for Oppressed Jewry Meeting.
- Sunday**
Oct. 6, 11 a.m. Sage Chapel. Sage Chapel Preacher: Robert L. Johnson, Director, CURW (Freshman Parents Weekend).
- Oct. 6, 7:30 p.m. Anabel Taylor Founders Room.** Shemini Atzeret Services (Conservative/ Egalitarian).
- Monday**
Oct. 7, 9:15 a.m. Anabel Taylor Edwards Room. Shemini Atzeret Services (Orthodox).
- Oct. 7, 7 p.m. Temple Beth El.** Simchat Torah Services (Conservative).



Kenneth Cooper will appear as guest harpsichordist with Cornell's Sonya Monosoff, violin, and John Hsu, viola da gamba, in a free public concert at Barnes Hall at 8:50 p.m. Saturday, Oct. 5, with a repeat performance at 4 p.m. Sunday. The concert is sponsored jointly by the Department of Music and the Council of the Creative and Performing Arts.

Tuesday

Oct. 8, 9:15 a.m. Anabel Taylor Edwards Room. Simchat Torah Services (Orthodox).

Sunday

Oct. 13, 11 a.m. Sage Chapel Preacher: Locksley Edmondson, Africana Studies.

Religious Services

Catholic

Every Saturday, 5:00 p.m. Anabel Taylor Auditorium. Mass.

Every Sunday, 9:30, 11 a.m., 5 p.m. Anabel Taylor Auditorium. Mass.

Mon.-Fri., 12:15 p.m. Anabel Taylor Chapel. Daily Mass.

Sat., 3-4 p.m. Anabel Taylor G-24. Sacrament of Reconciliation and by appointment.

Christian Science

Every Thurs., 7 p.m. Anabel Taylor Founders Room.

Episcopal (Anglican)

Every Sunday, 9:30 a.m. Anabel Taylor Chapel.

Jewish

Every Friday, 6 p.m. Anabel Taylor Founders Room. Shabbat Services (Conservative/Egalitarian).

Every Friday, 6 p.m. Anabel Taylor Chapel. Shabbat Services (Reform).

Every Friday, 7 p.m. Young Israel House, 106 West Ave. Shabbat Services (Orthodox).

Every Saturday, 9:15 a.m. Anabel Taylor Ed-

wards Room. Shabbat Services (Orthodox). Kiddush to follow.

Every Saturday, 10 a.m. Anabel Taylor Founders Room. Shabbat Services (Conservative/Egalitarian). Kiddush to follow.

Korean Church

Every Sunday, 3 p.m. Anabel Taylor Chapel.

Muslim

Monday-Thursday, 1 p.m. Anabel Taylor 218. Friday, 1 p.m. Anabel Taylor Edwards Room.

Protestant

Every Sunday, 11:15 a.m. Anabel Taylor Chapel. Protestant Cooperative Ministry.

Seminars

Seminar notices, unlike other calendar notices, do NOT go to Central Reservations in Willard Straight, but should be delivered to the Chronicle office, 110 Day Hall, in writing by noon Friday before publication. Each notice can be run only once, so on Thursday events please note whether you wish it published the day of the event or the week before. Please include the name and telephone number of someone who can be reached if there are questions.

Applied Mathematics: "Topology and Supercomputer Graphics of 3-D Chemical Waves," Steven Strogatz, Harvard, 4 p.m. Friday, Oct. 4, 165 Olin Hall.

Applied Mathematics: Special Year in Numerical Analysis, Willard L. Miranker, IBM Thomas J. Watson Research Center, Yorktown Heights, N.Y., three presentations—"The Arithmetic of the Digital Computer" 4 p.m. Tuesday, Oct. 8, 165 Olin Hall; "Ultra-Arithmetic and Validation in Functoids," 4 p.m. Wednesday, Oct. 9, 255 Olin Hall; "Spacetime Representations of Computational Structures," 4 p.m. Friday, Oct. 11, 165 Olin Hall.

Astronomy: "The Cyclopropenylidene: The First Organic Ring in Space," Patrick Thaddeus, NASA-Goddard, 4:30 p.m. Thursday, Oct. 10, 105 Space Sciences.

Biochemistry: "In Vitro Studies on DNA Replication," Dr. Shlomo Eisenberg, Biochemistry, Weizmann Institute of Science, Rehobot, Israel, 4:30 p.m. Friday, Oct. 4, 204 Stocking Hall.

Biophysics: "Dynamics of Protein and Ion Distributions in Smooth Muscle Cells Determined by Digital Imaging Microscopy," Dr. Frederick S. Fay, Physiology, University of Massachusetts Medical Center, 4:30 p.m. Wednesday, Oct. 9, 700 Clark Hall.

Chemical Engineering: "Liquid Spreading on Solid Surfaces," Elizabeth B. Dussan, V. Schlumberger-Doll Research, Ridgefield, Conn., 4:15 p.m. Tuesday, Oct. 8, Olin 145(A).

Chemistry: Debye Lecture Series, Robert J. Madix, Stanford, "Heterogenous Oxidation of Organic Metals: A Paradigm for Synthesis of Surface Compounds," 4:40 p.m. Monday, Oct. 7, 119 Baker Laboratory; "Reaction Kinetics and Dynamics on Single Crystal Metal Surfaces," 4:40 p.m. Tuesday, Oct. 8, 119 Baker Laboratory; "Structure and Identity of Surface Complexes," 4:30 p.m. Wednesday, Oct. 9, 145 Olin Hall.

Ecology: "Ecology in Theory and Application: The Relevance and Irrelevance of Basic Science in the Resolution of Environmental Issues," Simon A. Levin, the Charles A. Alexander Professor in the Division of Biological Sciences, 4:15 p.m. Wednesday, Oct. 9, Hollis E. Cornell Auditorium of Goldwin Smith Hall.

Floriculture and Ornamental Horticulture: "Fletcher Steele at Naumbeag," Peter Trowbridge, associate professor of landscape architecture, 12:15 p.m. Thursday, Oct. 10, 37 Plant Science.



Buddjadev Das Gupta, visiting sarod player, will perform in a concert of classical music of South India at 8:15 p.m. Tuesday, Oct. 8, in Barnes Hall. Also appearing in the free public concert will be drummer (tabla) A. G. Bandopadhyay.

Food Science: "An Interdisciplinary System Approach to Post-Harvest Research," R. Shewfelt, Food Science, University of Georgia, 4:30 p.m. Tuesday, Oct. 8, 204 Stocking Hall.

History and Philosophy of Science and Technology: "Microorganisms, Materialism and the Chain of Being in the Mid-Eighteenth Century," Shirley Roe, associate professor of history, Harvard, 4:35 p.m. Wednesday, Oct. 9, 165 McGraw Hall.

Hotel Administration: "How Hotel Companies Are Organized to Deliver Management Contract Services," panel discussion with J. J. Eyster, professor; P. L. Gaurnier, professor; R. H. Penner, associate professor, and J. W. Keithan, executive in residence from Westin; 4:30 p.m. Thursday, Oct. 10, Taylor Room of Statler Inn.

Immunology: "Fatty Acids in Immune Function," Dr. Virginia Utermohlen, Nutritional Sciences, Cornell, 12:15 p.m. Friday, Oct. 4, D-105 Schurman Hall.

International Nutrition: The Nutritional Status of Preschool Children in Highland Ecuador—An Example of Integrating Ethnographic and Survey Research," Rachel Novotny, Nutritional Sciences, 12:40 p.m. Thursday, Oct. 3, 130 Savage Hall.

Material Science and Engineering: "Ion-Beam Induced Crystallization," E. Rimini, Catania, Italy, 4:30 p.m. Thursday, Oct. 10, 140 Bard Hall.

Neurobiology and Behavior: "The Colors of Plants to Insects," Ellis Loew, associate professor, Section of Physiology, Cornell, 12:30 p.m. Thursday, Oct. 3, Morison Seminar Room, Corson/Mudd Hall.

Operations Research: "Combinatorial Pivot Rules in Linear Programming," Robert G. Bland, Cornell, 4:30 p.m. Tuesday, Oct. 8, 111 Upson Hall.

Ornithology: "Penguins of the World," Ron Naveen, American Birding Association, 7:45 p.m. Monday, Oct. 7, Laboratory of Ornithology, 159 Sapsucker Woods Road.

Parasitology: "On Love and Child Care — The Insect Way," Thomas Eisner, Cornell, 12:15 p.m. Thursday, Oct. 3, Whittaker Room, fourth floor, Corson Hall.

Pharmacology: Mitochondrial Proton Transport, "Peter Hinkle, Cornell, 4:30 p.m. Monday, Oct. 7, D-105 Schurman Hall.

Plant Breeding: "Shuttle Breeding in International Wheat Improvement," Norman E. Borlaug, Center for International Maize and Wheat Improvement, Mexico, 12:20 p.m. Tuesday, Oct. 8, 135 Emerson Hall.

Plant Pathology: "Molecular Cloning and Market Exchange Mutagenesis of Erwinia Chrysanthemi Pectate Lyase Isozyme Gene," Alan Collmer, University of Maryland, 4:30 p.m. Tuesday, Oct. 8, 404 Plant Science.

Pomology and Vegetable Crops: "Resource Competition in Vegetable Crop Systems — Insights from Studies Involving Weeds, Living Mulches and Intercrops," 4:30 p.m. Thursday, Oct. 10, 404 Plant Science.

Rural Sociology: "Polish Agriculture and the Program of Rural Solidarity," Boguslaw Galeski, visiting professor, 3 p.m. Friday, Oct. 4, 401 Warren Hall.

Sociology: "Ethnic Conflict and Protest in American Cities," Susan Olzak, Cornell, 12:20 p.m. Monday, Oct. 7, 302 Uris Hall.

Statistics: "Estimation of the Compensator from Poisson-Type Counting Processed Large Sample Results," Michael Phelan, Operations Research, 3:45 p.m. Wednesday, Oct. 9, 100 Caldwell Hall.

Textiles and Apparel: "Survival on the Frontier: Strategy and Tactics," Stephen Wald, president, Winston Textiles Inc., Winston Salem, N.C., 4:30 p.m. Tuesday, Oct. 8, 317 Van Rensselaer Hall.

Theoretical and Applied Mechanics: "The Acoustical Inverse Problem for the Vocal Tract," Dr. Man Sondhi, AT&T Bell Laboratory, 4:30 p.m. Wednesday, Oct. 9, 205 Thurston Hall.

Sports

Friday

Oct. 4, 4:45 p.m. Moakley Course. Women's Cross Country-Army.

Oct. 4, 7:30 p.m. Schoellkopf. Ltwt. Football-Rutgers.

Saturday

Oct. 5, 10 a.m. Schoellkopf. Women's Varsity Field Hockey-Yale.

Oct. 5, 11 a.m. Schoellkopf. Women's Varsity Soccer-Adelphi.

Oct. 5, 11 a.m. Helen Newman. Women's Volleyball-Columbia.

Oct. 5, 1:30 p.m. * Schoellkopf. Varsity Football-Lafayette.

Sunday

Oct. 6, 1:30 p.m. Schoellkopf. Women's JV Soccer-Hartwick.

Tuesday

Oct. 8, 4 p.m. Cascadilla Courts. Women's Tennis-Cortland.

Wednesday

Oct. 9, 7:30 p.m. Schoellkopf. Men's JV Soccer-Monroe Community College.

Friday

Oct. 11, 4:30 p.m. Schoellkopf. Women's Varsity Soccer-Harvard.

Oct. 11, 6:30 p.m. Schoellkopf. Men's Varsity Soccer-Harvard.

Saturday

Oct. 12, 1:30 p.m. Schoellkopf. Varsity Football-Harvard.

Theatre

Thurs.-Sat.

Oct. 3-5, 8 p.m. *Willard Straight Theatre; Theatre Cornell presents "The Trials of Brother Jero" and "Jero's Metamorphosis" directed by David Feldshuh. Season subscriptions are available now. Prices range from \$14 to \$21. For information please call 256-5165.

Barton Blotter

Three wallets containing a total of \$84 in cash were reported stolen from three cars parked in the Grumman Parking Lot about 6 p.m. Sunday, Sept. 22, according to the morning reports of the Department of Public Safety for the eight-day period, Sept. 22 through 29.

These were among eight cash thefts totaling \$323 reported on campus during the same eight-day period. Other cash thefts included \$15 taken from a purse in Malott Hall, \$59 taken from a vending machine in North Campus No. 5, \$25 taken from a room in Cascadilla Hall, \$60 taken from a locker in Malott Hall, and \$80 taken from the Sigma Phi Fraternity house along with a \$20 beer keg tap.

There were 22 thefts, in all, amounting to losses of \$2,010 in cash and valuables. These included two bicycles worth a total of \$185, a \$350 receiver and tape deck, a \$175 sport jacket, and a \$575 typewriter and a portable typewriter worth a total of \$575 taken from Uris Hall.

Three persons were referred to the Judicial Administrator on charges of possession of stolen signs. Another person was referred to the J.A. in reference to an incident in which a dog bit a passerby while the dog was tied to a bush. One person was arrested on a charge of driving a motor vehicle with a suspended license.

Rocks were reportedly thrown through three plate glass windows in Willard Straight Hall.



Theatre Cornell's production of "The Trials of Brother Jero" (regional premiere) and "Jero's Metamorphosis" (American premiere) by Wole Soyinka, Nigerian playwright and author, will be presented in Willard Straight Theatre. From left are Curt Hampstead and Tyrone Wilson as "Brother Jero." Play dates are 8 p.m. Oct. 3-5, 10-12 and 17-19, and 2:30 p.m. Oct. 13. Reservations and information is available from the Theatre Cornell box office, 256-5165.

Number 39

Cornell University

University Personnel Services
Day Hall
Ithaca, New York 14853
607/236-5226

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

October 3, 1985

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.

Requirements: Bachelor's degree in Electrical Engineering (BSEE) and 2 years experience with indoor—outdoor lighting, power systems, and fire alarm design required. Familiarity with building codes and sound construction practices necessary. Please submit cover letter and resume to Ralph D. Jones.

Job Number: PA355

Clerical

Current Cornell employees should submit an employee transfer application, resume and cover letter. Outside applicants for clerical positions should submit an employment application, resume and take a Cornell University typing test (please contact the receptionist at 256-5226 for an appointment). Applications and resumes typically remain active for three months; typing test scores remain on file for one year. The clerical section uses an automatic referral system; applicants are referred to positions for which they are considered qualified and competitive. Unless otherwise advertised, requests to be referred to a specific position will not be accepted. Applicants who are referred to a department for review will be contacted by the department if an interview is necessary.

NOTE: Outside applicants with training and— or experience in the following areas are encouraged to apply: typing, word processing, data entry and accounting.

*Position: Administrative Aide, GR22
Department: Classics

Description: Provide administrative support for the Department Chairman. Prepare department budget; maintain accounts, payroll and appointment procedures; record keeping; supervision of department staff. Other duties as assigned.

Requirements: Associate's degree or equivalent. Light typing. Minimum 3 to 5 years administrative—secretarial support experience. Cornell accounting experience essential. Ability to work independently. Excellent verbal and written communications skills essential. Prior supervisory experience helpful. Knowledge of IBM word processor and personal computers helpful but not essential. Confidentiality essential.

Minimum Starting Salary: \$13,667
Job Number: C398

*Position: Administrative Aide, GR20
Department: Johnson Graduate School of Management

Description: Coordinate and execute all business aspects of the annual fund raising campaign. Plan, implement and supervise all phonathons; coordinate all aspects of a direct mail campaign - over 20,000 pieces per year. Some travel involved.

Requirements: Associate's degree or equivalent. Medium typing. Minimum 1 to 3 years administrative—secretarial experience. Strong communication skills. Familiarity with fund raising and computers helpful.

Minimum Starting Salary: \$12,209
Job Number: C394

*Position: Secretary, GR20

Department: Computer Science

Description: Primary technical secretary responsible for the training and support staff on the department computer system. Maintain administrative and bookkeeping functions for the computer facility including recordkeeping; system dumps; user accounts; provide secretarial support for CER facility and some senior faculty.

Requirements: Associate's degree or equivalent. Heavy typing. Technical typing essential. Computer text editing helpful. Some office experience preferably in a college or university setting. Supervisory or training skills necessary. Bookkeeping skills helpful. Excellent organizational skills.

Minimum Starting Salary: \$12,209
Job Number: C3915

*Position: Senior Special Collections Assistant, GR20

Department: Wason - Olin Library

Description: Assist to Wason Curator. Responsible for operation of Wason Reading room, including training and supervision of student assistants and maintenance of card catalogs; provide general clerical support for department; maintain records and necessary files; do pre-acquisition searching of Western language materials; serve as liaison to other library departments.

Requirements: Bachelor's degree or equivalent experience required. Light typing. Good communication skills and ability to interact effectively with diverse public as well as other library staff. Previous library experience (including searching) preferred. Fluent English and excellent reading knowledge of one or more European languages essential; reading knowledge of Chinese and— or Japanese desirable.

Minimum Starting Salary: \$12,209
Job Number: C3910

*Position: Secretary, GR19

Department: Theory Center

Description: Focal point for user interface and referral to distributed Consultants. Documentations expert and training workshop coordinator; responsible for preparation of scientific abstracts and handling of confidential computer allocations and corporate negotiations.

Requirements: Associate's degree or equivalent. Medium typing. Knowledge of IBM-PC or comparable word processor experience desirable. Good writing skills. Experience typing technical—scientific material. Ability to handle confidential material essential.

Minimum Starting Salary: \$11,570
Job Number: C357

*Position: Office Assistant, GR19

Department: Sponsored Programs

Description: Provide administrative and secretarial support in the Office of Sponsored Pro-

Please Post

Administrative/Professional

The minimum salaries listed are for recruitment purposes only.

*Position: Marketing Director

Department: C.U. Press

Description: Direct marketing program of Cornell University Press including domestic and international sales force, advertising, direct mail, and promotion programs.

Requirements: Bachelor's degree or equivalent. Minimum five years' experience in publishing, marketing and— or sales. Managerial experience required. Please send cover letter and resume to Ralph D. Jones by October 17, 1985.

Job Number: PA395

*Position: Senior Systems Programmer (Re-

post)

Department: Theory Center

Description: Provide, under general supervision, systems support to an advanced graphics laboratory. Primary responsibility will be participation in the development of a UNIX-based scientific workstation to be used in conjunction with the Cornell supercomputer facility. Will design, implement, and evaluate low-level software such as kernel modifications, device drivers, and distributed processing communication protocols. Opportunity to work on higher level software.

Requirements: Bachelor's degree or equivalent with related computer courses. Three to five years experience. Strong background in UNIX, C, and Assembler. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT124

*Position: Senior Technical Consultant (Re-

post)

Department: Computer Services - Academic Computing

Description: Provide teaching and consulting support for statistical computing applications. Consult on the use of statistical methods; help users interpret statistical results. Diagnose problems users may have with hardware and software; help users select hardware and software configurations that are suitable for their data analysis needs.

Requirements: Master's degree in statistics or related area or equivalent. Extensive coursework and— or experience applying statistical methods to social science research applications preferred. Programming experience to include at least one high level language; expertise in a variety of mainframe and microcomputer statistics packages; proficiency in CMS, MVS, and DOS. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT317

*Position: Health Associate I (Repost)

Department: University Health Services

Description: Using health assoc-physician approved guidelines, provide primary health care to University students, faculty and staff members. Emphasis is placed on continuity of care, health education, health maintenance and preventive care.

Requirements: NYS RN-PA license and graduate of an accredited NP-PA program required. Experience and professional certification preferred. Please send cover letter and resume to Ralph D. Jones by October 10, 1985.

Job Number: PA326

*Position: Research Support Specialist I (Re-

post)

Department: Animal Science

Description: Participate in research to develop and test computerized management decision aids for various components of the dairy production system. Will develop computer simulation models and expert systems aimed at solving management problems. One year appointment with extension contingent upon funding.

Requirements: Bachelor of Science degree with coursework in statistics, computer science, economics and math. Ability to program, preferably Fortran and C; some experience with microcomputers such as IBM PC; knowledge or interest in UNIX preferred. A knowledge of dairy production systems desirable. Please submit cover letter and resume to Cynthia Smithbower.

Job Number: PT147

*Position: Executive Staff Assistant I (Repost)

Department: Center for Radiophysics and Space Research

Description: Provide administrative support to the Director of Planetary Studies. Handle correspondence; telephone calls; act as contact person for members of the scientific community, government officials and government agencies, the national and international press, radio and television network officials; arrange the Director's schedule; be responsible for his lectures, meetings and public appearances; handle official visits by the press or other news media, by government officials etc. to the office and laboratories of the Director of Planetary Studies. Type correspondence and scientific papers, including scientific proposals; supervise student employees.

Requirements: Bachelor's degree or equivalent. Excellent administrative—secretarial skills (including knowledge of word processors). Some knowledge of foreign languages useful. Experience with the news media very helpful. Supervisory skills important. Excellent organizational, interpersonal and communication (written and oral) skills. Confidentiality essential. Please submit cover letter and resume to Esther L. Smith.

Job Number: PC341

Position: Assistant Director, Foundation Relations

Department: University Development

Description: Assist the Director in the development and management of the University's relationship with private foundations. Coordinates initiatives with staff, faculty, alumni and foundation officers designed to increase support for the University from private foundations. Assist in the overall coordination of a broad range of non-individual fund raising programs at Cornell University.

Requirements: Bachelor's degree and knowledge of private foundations or other fund raising experience necessary. Demonstrated strong communication and interpersonal skills and knowledge of major research university highly desired. Travel required. Some knowledge of computerized records keeping and word processing. Please send cover letter, resume and writing sample to Ralph D. Jones by October 10, 1985.

Job Number: PA386

Position: Research Support Specialist II

Department: Genetics and Development

Description: Design, conduct and analyze the results of experiments in Drosophila population genetics and molecular biology in collaboration with the principal investigator (including preparation and coauthoring publications describing the work). Manage the general functioning of the lab including supervision of other technicians and students working in the lab.

Requirements: Master's degree in biology with emphasis in molecular biology, genetics and— or biochemistry. At least two years experience as a laboratory technician with supervisory responsibilities and an active role in the design, execution and publication of experiments. Experience in molecular biology, radioisotopes and microbial techniques and in Drosophila genetics and stock maintenance. Please send cover letter and resume to Cynthia Smithbower by October 11, 1985.

Job Number: PT387

Position: Research Support Specialist I

Department: Division of Nutritional Sciences

Description: Assist principal investigators in the collection, computerization, statistical analysis, and reporting of data from ongoing studies of nutritionally at-risk populations in New York State. Manage data collection systems and data files. Run statistical programs and help interpret results. Occasional travel within state. Until July 1986 with probable one year extension.

Requirements: Bachelor's degree in biological sciences, social science, nutrition or a related field; Master's degree preferred. Some related research experience. Ability to manipulate large data sets. Demonstrated proficiency in the use of statistical programs and in data collection and analysis. Knowledge of statistics through multiple regression. Please send cover letter and resume to Cynthia Smithbower by October 11, 1985.

Job Number: PT382

Position: Accountant I

Department: Electrical Engineering

Description: Work on special projects such as developing school budgets and rates for internal charges of services and supplies. Prepare and monitor accounting transactions and status reports for sponsored research accounts using Cornell's accounting system and IBM XT. One year position from appointment date.

Requirements: Bachelor's degree in accounting

or related area. Minimum 3 to 5 years financial experience. Familiarity with Cornell's accounting system. Experience with IBM XT, Lotus 123, dBase III essential. Excellent analytical, organizational, and interpersonal skills. Please send cover letter and resume to Esther L. Smith by October 7, 1985.

Job Number: PC385

Position: Publications - Graphic Designer

Department: Media Services

Description: Plan, design, execute publications and other graphic design and interpret clients' requirements. Includes layout, mechanical preparation, type specs, some art direction with freelancers, checking proofs, etc.

Requirements: Bachelor of Fine Arts in design, communications, or equivalent professional design experience. Two to three years professional work experience. Hands on experience in commercial or educational institution. Understand typography, photography, printing and production processes. Please send cover letter and resume to Ralph D. Jones by October 10, 1985.

Job Number: PA384

Position: Custodial Services Supervisor

Department: Building Care

Description: Supervise staff of 10 or more custodians who work in an assigned area involving multiple buildings on Endowed campus. Participate in personnel actions including performance appraisals, hiring, disciplinary actions, etc. Interface with building users in promoting and insuring high quality of service as provided by departments. Monday - Friday, 6:00 am - 2:30 pm.

Requirements: High school diploma or equivalent; Associate's degree preferred. Considerable experience in custodial field; proven supervisory skills essential. Strong interpersonal and written and oral communications skills required. Ability to work under pressure. Please send cover letter and resume to J. Courtney Fletcher.

Minimum Starting Salary: \$14,170
Job Number: PS383

Position: Applications Programmer III

Department: Mechanical & Aerospace Engineering

Description: Development and integration of a large CAD—CAM system for mold design and manufacture.

Requirements: Bachelor's or Master's degree or equivalent. Programming experience in FORTRAN and other highlevel languages. Considerable knowledge of interactive computer programs, computer graphics, data base and computer architecture desirable. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT3714

Position: Research Support Specialist I

Department: Textiles & Apparel

Description: Assist in experimental design, experimentation, analysis of data and publishing of research in analytical—environmental chemistry.

Requirements: Bachelor's degree in chemistry or related field; Master's degree preferred. Some experience with chromatography and analytical methods. Must have mathematical skills. Experience with microcomputers desirable. Please send cover letter and resume to Cynthia Smithbower.

Minimum Starting Salary: \$15,000
Job Number: PT376

Position: Research Support Aide

Department: Agricultural Engineering

Description: Plan, design and execute experiments relating to the use of biomass for energy production. Will control anaerobic fermentation experiments using manure and crop residues. Will maintain and operate laboratory instruments particularly gas chromatography units and solids analysis equipment; prepare reports and maintain laboratory.

Requirements: Bachelor's degree or equivalent in engineering or a related science. One to three years experience in biology—chemistry laboratory. Thorough familiarity with gas chromatography. Please send cover letter and resume to Cynthia Smithbower by September 27, 1985.

Minimum Starting Salary: \$13,625

Job Number: PT379

Position: Senior Electrical Engineer

Department: Facilities Engineering

Description: Direct the design and preparation of cost estimates, drawings, specifications and construction documents for maintenance, repair, and alteration projects that relate to electrical projects.

grams. Type; update office records; handle and controlling a great deal of detail; maintain files; assist in general areas of grant and contract administration.

Requirements: High school diploma or equivalent. Business or secretarial school desirable. Medium typing. Minimum 1 to 3 years secretarial experience. Good organizational skills. Strong interpersonal and communication skills. Cornell experience helpful.

Minimum Starting Salary: \$11,570
Job Number: C392

*Position: Accounts Assistant, GR19
Department: Floriculture & Ornamental Horticulture
Description: Provide clerical and accounting support to the Department's Administrative Manager and Chairman. Assist with purchasing; prepare vouchers, requisitions, and travel forms; budget preparation; analysis of accounts; maintenance of payroll records. Other duties as assigned.

Requirements: Associate's degree in business or equivalent. Medium typing. Excellent accounting skills. Computer competency required, familiar with Lotus 1-2-3. Previous experience with word processor and calculator required. Some institutional business experience desirable.

Minimum Starting Salary: \$11,570
Job Number: C3912

*Position: Secretary, GR18
Department: Johnson Graduate School of Management
Description: Provide secretarial support for several department faculty involved with teaching and research. Answer and route phone calls; type correspondence, manuscripts, class and examination materials, reports and research proposals, and travel requisitions; arrange travel accommodations and meetings; coordinate weekly seminars and workshops; place orders.

Requirements: High school diploma or equivalent. Business or secretarial school desirable. Heavy typing. Minimum 1 to 2 years secretarial experience. Excellent typing, grammar and spelling. Previous word processing experience desired, willingness to learn MASS-11 word processor.

Minimum Starting Salary: \$10,920
Job Number: C3917

*Position: Secretary, GR18
Department: Theory Center
Description: General secretarial duties along with creation and maintenance of Theory Center files and databases. Compile reports from database information; maintenance of user manual library with responsibility for bookkeeping and inventory control of manuals sold to users.

Requirements: High school diploma or equivalent. Secretarial school preferred. Medium typing. Minimum 1 to 3 years secretarial experience. Excellent organizational, interpersonal and communication (written and oral) skills. Familiarity with IBM-PC or similar word processing experience desirable.

Minimum Starting Salary: \$10,920
Job Number: C391

*Position: Searcher, GR18
Department: Serials - Olin Library
Description: Perform pre-order and pre-catalog searching for serial publications; material searched includes new receipts, title changes and titles requiring recataloging.

Requirements: Associate's degree or equivalent. Light typing. Accuracy in detailed work. Previous library experience helpful.

Minimum Starting Salary: \$10,920
Job Number: C3913

*Position: Secretary, GR18
Department: Plant Breeding and Biometry
Description: Type technical manuscripts, course materials and correspondence for faculty in biometrics unit using word processor; answer telephone; run photocopies; process orders for publications.

Requirements: High school diploma or equivalent. Business or secretarial school desirable. Medium typing. Several years typing experience. Ability to work independently.

Minimum Starting Salary: \$10,920
Job Number: C369

*Position: Office Assistant, GR17
Department: Purchasing
Description: Process and type requisitions and invoices; maintain records, assist departments, vendors and accounting office with problems relating to orders.

Requirements: High school diploma in business or equivalent. Light typing. Accounting and typing skills. Minimum 1 year office experience. Legible handwriting essential. Good organizational skills.

Minimum Starting Salary: \$10,366
Job Number: C295

*Position: Office Assistant—Receptionist, GR17
Department: Purchasing
Description: Receptionist for department. Greet and direct sales representatives and visitors; answer and refer incoming calls on Com-Key answering station; process incoming and outgoing U.S. and Campus mail; file in pendaflex.

Requirements: High school diploma or equivalent. Experience with Com-Key or similar answering stations preferred. Some knowledge of Cornell helpful. Good interpersonal skills. Legible handwriting essential.

Minimum Starting Salary: \$10,366
Job Number: C396

*Position: Office Assistant, GR17
Department: University Admissions Office
Description: Process applications for the Central Admissions Department. processing involves data entry of forms; alphabetizing; filing; mailings. Other clerical duties as assigned.

Requirements: High school diploma or equivalent.

lent. Medium typing. Ability to use a computer terminal, work under pressure, and handle a large volume of material.

Minimum Starting Salary: \$10,366
Job Number: C393

*Position: Secretary (Repost)
Department: Boyce Thompson Institute for Plant Research (Contact department directly - see below).

Description: Type manuscripts, proposals, correspondence, reports, etc. for a group of scientists. Assist at switchboard and perform other duties as assigned.

Requirements: High school diploma or equivalent. Excellent typing skills; ability to read various handwritings, and good proofreading skills. Word processing experience necessary; IBM PC experience helpful. Ability to work pleasantly and cooperatively with many different people.

Minimum Starting Salary: \$10,500
Job Number: C355
Contact: Greta Colavito, Boyce Thompson Institute, 257-2030.

Position: Research Aide, GR20 (Repost)
Department: CRSR - Center for Radiophysics & Space Research
Description: Responsible for a broad range of technical duties including library research some computations on hand calculators and small computers; typing scientific papers purchase orders, vouchers; government grant-related work; composing, filing and mailing of a heavy volume of correspondence; supervision of work-study student(s); maintaining records of professional organizations; journal subscriptions, book orders; travel arrangements and travel reimbursements.

Requirements: Heavy typing. Excellent typing skills with substantial experience with scientific and technical texts are required. Experience with word processors (if possible Micom) is highly desirable. Knowledge of the Cornell library system and experience in library research are desirable. Excellent organizational, communication and interpersonal skills are essential. Please send cover letter and resume to Esther L. Smith.

Minimum Starting Salary: \$12,209
Job Number: C331

Position: Data Editor, GR20
Department: Serials - Olin Library
Description: Under supervision of Associate Serials Librarian, responsible for applying MARC tags to catalog copy being input, searching for and deriving from records in RLIN database; proofread records input into RLIN. Monday - Friday, 8:00 am - 5:00 pm; may include evening hours until December 31, 1986.

Requirements: Bachelor's degree or equivalent. Light typing. Ability to perform detailed work accurately. One year library technical experience desirable. Familiarity with foreign languages.

Minimum Starting Salary: \$12,209
Job Number: C388

Position: Administrative Aide, GR20
Department: Nuclear Science and Engineering
Description: Provide administrative and secretarial assistance to Director, three professors, and one supervising engineer. Maintain department and research accounts; process purchase orders, invoices, vouchers, telephone bills, accounts receivable; keep personnel files, process appointments, payroll vouchers; act as graduate field secretary. Maintain student and alumni records; make travel arrangements; compose and sign routine letters; maintain laboratory records, including ones relating to Nuclear Regulatory Commission requirements; act as receptionist for Laboratory.

Requirements: Associate's degree or equivalent. Medium typing. Minimum 3 to 5 years secretarial experience. Bookkeeping and technical typing (word processing desirable). Cornell experience is very important since this is a one-person office. Excellent organizational, interpersonal and communication (written and oral) skills.

Minimum Starting Salary: \$12,209
Job Number: C3811

Position: Secretary, GR19
Department: Floriculture & Ornamental Horticulture
Description: Provide secretarial support to department chairman, 7 faculty and 6 to 8 graduate students. Type correspondence; primary resource person to undergraduates on all matters pertaining to department curricular courses, pre-registration; liaison with the Office of Instruction; handle inquiries (in person and telephone); arrange travel and meetings. Other duties as assigned.

Requirements: Associate's degree or equivalent. Medium typing. Minimum 1 to 3 years secretarial experience. Knowledge of word processors highly desirable. Excellent organizational, interpersonal and communication (written and oral) skills.

Minimum Starting Salary: \$11,570
Job Number: C372

Position: Secretary, GR18
Department: Education
Description: Provide general administrative support and secretarial services to the Director of the Rural Schools Program. Type correspondence, monthly newsletter, college materials for meetings and conferences; keep records on membership fees; repetitive letters, subscribers lists and other materials on the word processor or the Apple IIe.

Requirements: High school diploma or equivalent. Business or secretarial school desirable. Medium typing. Demonstrated public relation skills. Knowledge of word processor and Apple IIe preferred. Minimum 1 to 3 years experience. Good organization skills.

Minimum Starting Salary: \$10,920
Job Number: C385

Position: Office Assistant, GR18
Department: Dean's Office, Arts & Sciences
Description: Act as receptionist for Records and Scheduling Office. Handle paperwork for students who transfer internally or enter Dual Degree Pro-

gram; use word processor and computer terminal; assist registrar with scheduling; add-drop; type directions; make registration packets, provide assistance with graduation and other office functions.

Requirements: High school diploma or equivalent. Minimum one year liberal arts college background preferred. Strong interpersonal and organizational skills required. Ability to work under pressure and learn a wide variety of details pertaining to the college. Experience with word processor helpful.

Minimum Starting Salary: \$10,920
Job Number: C3810

Position: Receptionist, GR17
Department: Architecture, Art & Planning
Description: Act as department receptionist. Provide office assistance to faculty and staff; keep calendar and appointment schedule for Chairman; schedule meetings; handle mail; photocopy; type correspondence. 9 months per year.

Requirements: Medium typing. Minimum two years office experience, preferably in an academic setting. Good interpersonal skills. Ability to work under pressure. Familiarity with Xerox 860 and— or memory typewriter desirable.

Minimum Starting Salary: \$10,366
Job Number: C382

General Service

*Position: Maintenance Mechanic, SO23
Department: Statler Inn - Endowed
Description: Perform electrical, mechanical, plumbing and general repairs in Statler Hall. Occasional work outside; frequent shift changes. Often includes weekend work. Monday -Friday, 2:30 - 11:00 pm.

Requirements: High school diploma; prefer some trade school training. Minimum of 3 years experience in at least two skilled areas; air conditioning and refrigeration skills necessary.

Minimum Starting Salary: \$7.19—hour
Job Number: S394

*Position: Animal Technician, GR18 (Two positions)
Department: Laboratory Animal Services
Description: Responsible for daily care of laboratory animals, including proper care and feeding, providing fresh water and exercise, and the general cleaning and maintenance of cages, pens and environment. Maintain Laboratory Animal Identification, inventories and breeding records. Responsible for carrying out assignment duties. 5 days per week, 7.8 hours per day including weekends.

Requirements: High school diploma or equivalent required. Associate's degree in animal science preferred. Animal handling experience desirable. Assistant Animal Certification helpful. Must be in good physical condition; able to lift 50 lbs. Pre-employment physical required.

Minimum Starting Salary: \$10,920
Job Numbers: S395, S396

*Position: Custodian, SO16
Department: Building Care - Endowed
Description: Provide general maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. Monday - Thursday, 6:00 am - 2:30 pm; Friday, 6:00 am -1:30 pm.

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

Minimum Starting Salary: \$4.84—hour
Job Number: S385

*Position: Food Service Worker, SO14
Department: Cornell Dining - Endowed
Description: Set up, display and serve food in cafeteria or dining room. Monday - Friday, 40 hours per week; hours vary.

Requirements: High school diploma or equivalent. Good customer relations skills. Knowledge of food handling preferred.

Minimum Starting Salary: \$4.36—hour
Job Number: S397

Position: Sales Assistant, GR21
Department: Campus Store (Entrepot)
Description: Under general supervision, assist Store Manager with overall administrative functions including, but not limited to, the planning of operating budget, training, and supervision. Open and close store as necessary including nights and weekends. Hours vary from 10:00 am - 12:00 midnight; 5 to 7 days per week. Must be flexible.

Requirements: Associate's degree or equivalent. Two to three years of progressively responsible retail experience. Strong interpersonal, communication (oral and written), organizational, and supervisory skills necessary.

Minimum Starting Salary: \$12,968
Job Number: S382

Position: Sales Assistant, GR17
Department: Campus Store (Entrepot)
Description: Under general supervision will be responsible for overseeing cashiers, operating cash registers and assisting customers. Will train and— or provide guidance to temporary and student employees. Will open and close store which will include some nights and weekends. Maintain stock levels, store appearance, displays, and customer relations. Hours vary from 10:00 am - 12:00 midnight; 5 to 7 days per week. Must be flexible.

Requirements: High school diploma or equivalent. One to two years related retail experience. Must have good interpersonal, organizational and communication skills with previous exposure in customer relations and creative problem solving. Skilled in the operation of computerized cash registers.

Minimum Starting Salary: \$10,366
Job Number: S381

Position: Animal Attendant, SO18
Department: Poultry & Avian Sciences
Description: Responsible for health, welfare

and daily care of research laboratory animals being raised and maintained in support of genetics, physiology, nutrition, food science and extension research projects; experienced in facilities and equipment maintenance. Collection and recording of experimental data for individual research projects. Monday - Thursday, 8:00 am - 4:30; Friday, 8:00 am - 3:30 and weekends as needed.

Requirements: High school diploma or equivalent. Associates degree in animal health field helpful. Must have or be able to acquire certified animal technician's certification, and pesticide applicators certificate. Ability to lift and carry 100 lbs. NYS drivers license necessary. Physical examination required.

Minimum Starting Salary: \$5.41—hour
Job Number: S375

Technical

Outside applicants for technical positions should submit an employment application, resume, transcripts and a list of laboratory techniques and equipment, or computer languages and hardware with which you are familiar. This information will be kept active for six months. For each position that you are qualified and wish to be a candidate for, submit a cover letter, including position title, department and job number, to Cynthia Smithbower. Current Cornell employees should submit an employee transfer application, resume and cover letter. Outside applicants with training and—or experience in the following areas are encouraged to apply: biochemistry, chemistry, microbiology, electronics, physics and licensed animal health technicians.

*Position: Technician, GR20
Department: Animal Science
Description: conduct experiments with swine primarily directed toward improving lactation performance through hormone treatment, growth potential of progeny by supplemental feeding and survival of the baby pig. Methods involve routine care—management cannulation, acquisition of blood, data collection—summarization and some laboratory analysis.

Requirements: Bachelor's degree in animal science or related field with courses or experience in swine production. Ability to work independently; experience in swine production, particularly farrowing-lactation essential. Previous experience conducting experiments, collecting—summarizing data and supervising others preferred. Must have previous experience in blood sampling. Apply by October 18, 1985.

Minimum Starting Salary: \$12,209
Job Number: T392

*Position: Technician, GR19
Department: Animal Science
Description: Provide technical support for a Dairy Cattle Nutrition Experiment. Will summarize data, weigh feeds and experimental chemicals; monitor animal performance and health and make modifications in feed if needed. Responsible for student supervision. 20 to 39 hours per week; until September 1986.

Requirements: Bachelor's degree in animal science or a related field. Prior supervisory experience desired. Excellent interpersonal and communications skills. Apply by October 18, 1985.

Minimum Starting Salary: \$11,570
Job Number: T393

Position: Technician, GR20
Department: Vet Microbiology
Description: Purification and characterization of monoclonal antibodies against feline leukemia, sarcoma, and other potential oncogenic viruses. Maintain tissue culture, inoculate and bleed experimental animals.

Requirements: Bachelor's degree in biology with courses in microbiology, virology and immunology. Some experience in microbiological techniques essential. Apply by October 11, 1985.

Minimum Starting Salary: \$12,209
Job Number: T385

Position: Computer Operator, GR20
Department: Food Science & Technology - Geneva, NY
Description: Develop applications templates for specific data analysis tasks using commercial applications software for the IBM PC. Instruct lab personnel in their use. Other duties as assigned.

Requirements: Associate's degree or equivalent in computer science or math. Familiarity with IBM PC applications software. At least one year related experience with a microcomputer and basic understanding of computer operations. Good communication and interpersonal skills.

Minimum Starting Salary: \$12,209
Job Number: T386

Position: Technician, GR20
Department: Plant Pathology - Long Island
Description: Conduct field, laboratory, and greenhouse experiments on control strategies for and yield loss due to plant parasitic nematodes and on potatoes. Design and layout plots, take soil samples, keep records, summarize and report data, write reports.

Requirements: Bachelor's degree or equivalent in plant pathology with training in nematology. Laboratory experience in nematology and some knowledge of taxonomy preferred. Driver's license required. Working knowledge of statistics helpful.

Minimum Starting Salary: \$12,209
Job Number: T384

Position: Technician, GR18
Department: Equine Drug Testing & Research - New York City
Description: Perform analysis of blood and urine samples in a field drug testing laboratory to serve Aqueduct, Belmont and Saratoga Race Tracks. Relocation to Saratoga Springs, NY for

Continued on Page 10

Job Opportunities

Continued from Page 9

the month of August each year. Assist laboratory director as requested. Five days per week including weekends and holidays.

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

Minimum Starting Salary: \$10,920
Job Number: T382

Position: Computer Operator, GR22
Department: NYSSILR

Description: Manage the operations of the ILR Student Computer facility. Including hiring and supervising student operators. Responsible for setting up and maintaining computers. Act as a general consultant for ILR course computer work. Maintain and set up file servers and networks.

Requirements: Bachelor's degree or equivalent. Experience as terminal operator desirable. Good interpersonal, communication and organizational skills. Knowledge of Cornell computer system. Some experience with CMS and TOPS-20. Knowledge of microcomputers, such as MacIntosh and IBM PC. Knowledge of popular applications packages such as DBASE, LOTUS 1,2,3. Some experience with network or file server. Apply by October 4, 1985.

Minimum Starting Salary: \$13,667
Job Number: T371

Position: Technician, GR20
Department: Food Science

Description: Assist in research program concerning the use of recombinant DNA techniques for industrial microbiology. Responsibilities include carrying out of experimental protocols, routine maintenance of equipment, purchasing of materials and supplies.

Requirements: Bachelor's degree in microbiology or biology. Experience in microbiology required; experience in recombinant DNA techniques such as Southern, Northern, DNA sequencing desired. Apply by October 4, 1985.

Minimum Starting Salary: \$12,209
Job Number: T375

Position: Technician, GR19
Department: Food Science

Description: Assist in a study of functional properties of food proteins, conducting solubility tests, ligand binding, emulsification tests; perform HPLC separations and electrophoresis. Part-time, regular; 30 hours per week.

Requirements: Bachelor's degree in chemistry, biochemistry, food science or related field. Some laboratory experience in working with food proteins necessary. Knowledge of protein purification, foaming, or emulsifying properties, electrophoresis and HPLC preferred. Knowledge of computers desired. Apply by October 4, 1985.

Minimum Starting Salary: \$11,570
Job Number: T376

Position: Technician, GR23

Department: Diagnostic Laboratory

Description: Responsible for overseeing a research project to assess the role of immunity to parasites. Duties include dependent development of experimental projects, performance of complex—sensitive assays, establishment and maintenance of primary cell cultures. Will perform data analysis and assist with report preparation.

Requirements: Bachelor's degree in immunology, biochemistry, microbiology, parasitology or a related field. At least two years research lab experience including performing assays involving experimental animals, animal handling, cell culture and performing general laboratory techniques using centrifuges, pH meters, phase—u.v.—conventional microscopes, cell microharvester and incubators. Please send cover letter and resume to Cynthia Smithbower by October 4, 1985.

Minimum Starting Salary: \$14,485
Job Number: T361

Part-time

*Position: Training Coordinator

Department: Center for Religion, Ethics and Social Policy (CRESP)

Description: The Community Dispute Resolution Center of Tompkins County has received a grant from the Division of Criminal Justice Services for the Youth Mediation Training Project. The project's focus is training in negotiation and cooperative conflict resolution for youth in residential care facilities, foster families, and staffs of agencies and institutions who work with these populations. The Coordinator will work with the agency Co-Director to design and implement this training. Half-time position.

Requirements: The Coordinator should have skills in conflict management and experience in training. He—she should have experience working with youth, preferably in a residential care facility. The Coordinator must have good communication skills, as well as the ability to deal with high levels of conflict and stress. He—she must have the ability to work independently.

Minimum Starting Salary: Half-time, at \$7,000, with fringe benefits

Contact: Please send cover letter and resume to the Community Dispute Resolution Center, 124 The Commons, by Monday, October 7, 1985.

*Position: Senior Manuscript, GR18

Department: NYSSILR, Catherwood Library

Description: To arrange and describe manuscript and other non-book materials according to instructions provided by the processing supervisor; other miscellaneous duties including assisting in answering reference questions on collections processed, mounting exhibits minor mending, counting documents and labeling boxes. Part-time

regular, Monday - Friday; hours to be arranged.

Requirements: Associate's degree or equivalent. Light typing. College coursework in modern American history, industrial relations or labor history preferred or must be willing to take related courses. Excellent writing skills required. Familiarity with word processing helpful.

Minimum Starting Salary: \$10,920—annual equivalent
Job Number: C399

*Position: Technician, GR18

Department: Psychology

Description: Perform routine histological procedures involving slide preparation, paraffin and frozen section microtoming and tissue staining. Will maintain stock laboratory solutions and inventory. Duties will also include autoradiographic techniques, use of electron microscope and photographic development. 20 hours per week; until July 31, 1986 with continuation dependent upon funding.

Requirements: Associate's degree in biological sciences with training in histology. Bachelor's degree preferred. Some experience sectioning and staining tissues for light microscopy preferred. Familiarity with autoradiography, electron microscopy and—or photography desired. Apply by October 11, 1985.

Minimum Starting Salary: \$10,920—annual equivalent
Job Number: T391

*Position: Custodian, SO16

Department: Statler Inn - Endowed

Description: Provide general maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. Five days per week, includes weekends; hours variable.

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

Minimum Starting Salary: \$4.84—hour
Job Number: S392

*Position: Custodian, SO16

Department: Ornithology - Endowed

Description: Provide general maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. 20 to 25 hours to be arranged.

Requirements: Ability to use a variety of heavy power operated equipment, climb an 8' ladder and lift 50 lbs. Must have NYS driver's license for occasional errands.

Minimum Starting Salary: \$4.84—hour
Job Number: S391

*Position: Waitperson, SO15

Department: Statler Inn

Description: Under general supervision, serve meals to guests in the Main Dining Room, according to established rules of etiquette, working in a formal setting. Set up and cleaning of guest tables. Monday - Friday, 9:30 - 3:00; some weekend work.

Requirements: High school diploma or equivalent desired. One year waiting experience preferred; strong interpersonal skills, standing, walking and heavy lifting (large trays of dishes and food).

Minimum Starting Salary: \$4.63—hour
Job Number: S393

Position: Technician, GR18

Department: Diagnostic Laboratory

Description: Assist in the preparation, conduction and data compilation in swine research projects and extension programs. Restraint of animals, collection of blood samples, urine samples, fecal specimens, skin scrapings and biopsies. Assist with necropsy exams, collect and process tissues for clinical—research procedures. Perform various clerical duties associated with continued operation of a research program, including typing, filing, library searches, and ordering supplies. Part-time, regular for a period of at least three years. 25 hours per week; negotiable.

Requirements: Associate's degree in animal science or technology desirable. Previous experience handling large domestic animals preferred; Manual & Mechanical proficiency, driver's license. Ability to work with necropsy specimens and tissues. Experience with, or a desire to receive training in, the use of computers and simple statistics. Apply by October 7, 1985.

Minimum Starting Salary: \$10,920—annual equivalent
Job Number: T383

Position: Secretary, GR18

Department: Human Development Family Studies

Description: Type curriculum manuscripts, day correspondence and reports; file; monitor project budget; answer telephone; schedule workshops; make travel arrangements. Part-time, regular, 20 hours per week (flexible).

Requirements: High school diploma or equivalent. Business or secretarial school desirable. Heavy typing. Experience with word processing desirable. Excellent telephone, typing, organizational and communication (written and oral) skills.

Minimum Starting Salary: \$10,920—annual equivalent
Job Number: C387

Position: Office Assistant, GR17

Department: Architecture, Art & Planning - Registrar's Office

Description: Enter student information system data into computer; assist in updating permanent record cards; aid in distribution of registration materials to students; act as office receptionist when needed. 29 hours per week to be arranged.

Requirements: High school diploma or equivalent. Medium typing. Extremely accurate typing with medium speed. Some experience with data

entry. Good spelling, detail orientation, good interpersonal skills. Knowledge of computers desirable and 515 system.

Minimum Starting Salary: \$10,366—annual equivalent
Job Number: C383

Position: Building Attendant, GR16

Department: Access—Circulation - Olin Library

Description: Inspect books of persons leaving the library; respond to alarm when security system is activated; check ID cards at stack entrance; make tours of the building to report vandalism and facilities problems, etc.; perform assorted clerical duties; open and close building. Part-time, regular position. Sunday - Thursday, 8:00 pm - 12 midnight.

Requirements: High school diploma or equivalent. Ability to work effectively with variety of people in service capacity; strong interpersonal and communication skills.

Minimum Starting Salary: \$9,874—annual equivalent
Job Number: C3812

Position: Circulation—Reserve Assistant, GR16

Department: Fine Arts Library

Description: Under supervision of Circulation—Reserve Supervisor, perform all desk work as well as provide clerical support including typing bills, recalls, overdues; trace missing books; shelve books and catalog maintenance. Part-time, regular position. Sunday, 12:00 noon - 4:00 pm; Monday - Thursday 9:00 am - 1:00 pm. Summer and vacation hours Monday - Friday, 1:00 pm - 5:00 pm.

Requirements: High School diploma or equivalent. Medium typing. Good clerical skills desirable. Organizational and interpersonal skills.

Minimum Starting Salary: \$9,874—annual equivalent
Job Number: C389

Position: Night Supervisor, GR18

Department: Fine Arts Library

Description: Supervise all circulation—reserve desk activities during evening hours of the library; during summer assist circulation—reserve supervisor with various circulation—reserve activities. Sunday - Thursday, 7:00 - 11:00 pm. Summer and vacation hours Monday - Friday, 1:00 pm - 5:00 pm.

Requirements: Associate's degree or equivalent. Light typing. Library and supervisory experience desirable. Good interpersonal and communication skills.

Minimum Starting Salary: \$10,920—annual equivalent
Job Number: C3713

Temporary

TEMPORARY OPPORTUNITIES: Individuals qualified for temporary work in the following areas are encouraged to apply: clerical, secretarial, word processing. If you have experience or skills in these or related areas and are interested in learning more about these opportunities, please call Laurie Conlon at 256-5226.

*Position: Temporary Technical Writer (Repost)

Department: Food Science

Description: Conduct library research, assemble reprints and, with supervision, write summary reviews on specific topics on food protein chemistry; collate data on functional properties and assist in collating data on structure—function relationships in proteins. Part-time, Monday - Friday, hours flexible.

Requirements: Bachelor's or Master's degree in biochemistry or related field. Medium typing. Coursework in molecular structure and physical properties of proteins. Accomplished technical writing and library skills. Knowledge of technical literature, literature review. Knowledge of computers (IBM AT) and familiarity with protein chemistry. Please send cover letter and resume to Tambi L. Benzon.

Job Number: PC366

*Position: Temporary Editorial Assistant (Repost)

Department: Cornell Computer Services

Description: Assist publications staff in preparation and dissemination of information about resources, services and activities of Cornell Computer Services. Review, revise and proof documentation on-line, using computerized text editors. 19 hours per week, flexible, 6 months to a years appointment.

Requirements: Bachelor's degree or equivalent preferred. Excellent grammar, spelling, punctuation and editorial skills a must. Familiarity with IBM mainframe text editors a real plus. Knowledge of computer systems helpful. Please send cover letter, writing sample and resume to Tambi L. Benzon by September 23, 1985.

Job Number: C3610

*Position: Extension Aide (Repost)

Department: Textiles and Apparel

Description: Prepare articles for DEA News and Consumer News Service; respond to consumer questions related to textiles and apparel; research information on safety clothing for pesticide workers; manage distribution of the DEA News; manage textiles and clothing written materials; maintain kits and other educational materials; schedule and ship kits and other educational materials; assist with preparation of kits and written materials for in-service education. Other duties as assigned. Monday - Friday, 20 hours-week; until February, 1986.

Requirements: Bachelor's degree with course background in textiles, clothing, design and educational methods. Writing skills, management skills and organizational ability; experience in Cooperative Extension or similar work. Please send

cover letter and resume to Tambi L. Benzon.
Minimum Starting Salary: \$7.00-hour
Job Number: C3516

*Position: Temporary Secretary, (Repost)

Department: Theoretical & Applied Mechanics
Description: Type technical—mathematical reports and papers for several faculty, using an IBM PC or word processor. Good organizational, communication and interpersonal skills (written and oral) required. Other duties as assigned. Please send cover letter and resume to Tambi L. Benzon.

Requirements: High school diploma or equivalent. Secretarial or business school preferred. Heavy typing. General office experience, technical typing, personal computer and word processing. Minimum Starting Salary: \$5.80—hour
Job Number: C2717

*Position: Temporary Secretary (Repost)

Department: Food Science

Description: General support for several faculty. Extensive use of word processor to prepare manuscripts, grants, research proposals and related teaching and extension needs. Handle travel arrangements. Maintain files and general support duties. Full-time, temporary until June 30, 1986. Monday - Thursday, 8:30 - 5:00; Friday, 8:30 - 4:00.

Requirements: Associate's degree in secretarial science or equivalent office experience. Heavy typing. Word processing experience helpful. Strong organizational, interpersonal and communication (written and oral) skills. Please send cover letter and resume to Tambi L. Benzon.

Minimum Starting Salary: \$5.38—hour
Job Number: C3314

Position: Temporary Secretary

Department: Division of Nutritional Sciences

Description: Use word processor to prepare technical reports and manuscripts for publication; organize and document information records and files; maintain office supplies; responsible for taking and distributing minutes of Director's meetings; type correspondence, etc. from rough drafts. Full-time, temporary for six months.

Requirements: High school diploma or equivalent. Two years of secretarial or business school desirable. Medium typing. Word processor (preferably WANG) experience helpful. Please send cover letter and resume to Laurie Conlon.

Minimum Starting Salary: \$5.69—hour
Job Number: C384

Position: Temporary Clerical

Department: Entomology

Description: Type and duplicate correspondence for faculty and administrative staff personnel. Some phone answering and message handling. Full-time, temporary for six months.

Requirements: High school diploma or equivalent; secretarial training preferred. Medium typing. Ability to operate an IBM Selectric III typewriter; operation of IBM Displaywriter word processor highly desirable. Please send cover letter and resume to Laurie Conlon.

Minimum Starting Salary: \$5.00—hour
Job Number: C3814

Position: Temporary Systems Analyst, T-5

Department: Modern Languages and Linguistics

Description: Provide systems level support for new DEC PDP 11-73 and existing Callan Unistar 68000 computers including updates to existing software and operating systems as well as modification of speech analysis and synthesis systems. Must also train users and assist in assessing future software needs. Full time for 4 months or half-time for 8 months with possible extension on a part-time basis, with possible extension on a part-time basis.

Requirements: Bachelor's degree in Electrical Engineering, Computer Science or related field. 2-3 years programming experience in Fortran, familiarity with C and Macro 11 languages with analog signal processing; phonetics applications experience desirable. Please submit cover letter and resume to Cynthia Smithbower.

Minimum starting salary: \$8-hour
Job Number: T351

Academic

Please contact department directly.

*Position: Assistant—Associate Professor: Hebrew Bible Studies

Department: Near Eastern Studies

Contact: Professor Steven Katz, 360 Rockefeller, by December 1, 1985
Job Number: A391

*Position: Assistant—Associate Professor: Hebrew Language and Literature

Department: Near Eastern Studies

Contact: Professor Steven Katz, 360 Rockefeller, by December 1, 1985
Job Number: A392

*Position: Laboratory Lecturer, Cell Physiology

Part-time, 5 month—year (January - May)

Department: Section of Physiology, NYS College of Veterinary Medicine

Contact: Neil H. McLain, Administrative Manager, 256-5454, ext. 2429
Job Number: A361

Position: Research Associate IV, CP06 (Repost)

Department: New York State College of Veterinary Medicine, Veterinary Pathology
Contact: Peggy Banfield, NYS College of Veterinary Medicine, Personnel Office
Job Number: A251

Position: Extension Associate (2 year appointment)

Department: Cooperative Extension - Agricultural & Life Sciences
Contact: Frederick W. Fladd, 31 Roberts Hall
Job Number: A381

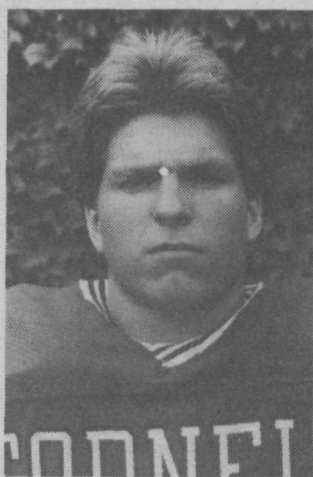
The Week in Sports

Varsity Football Against Lafayette Tops Heavy Home Schedule for Red

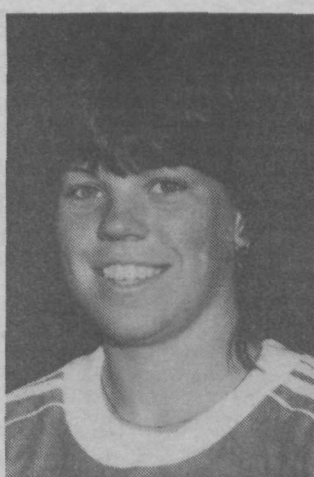
The second consecutive home contest for the Cornell varsity football team, against Lafayette Saturday at 1:30 p.m., heads up a full menu of home sports action this weekend. In all, seven varsity squads will entertain opponents on campus during Friday and Saturday.

The lightweight football team will play host to Rutgers at 7:30 p.m. Friday on Schoellkopf Field. Both the men's and women's cross country squads will run against Army on the Moakley course Friday afternoon. The women's race is scheduled for 4:45 p.m. and the men will start at 5:15 p.m. Saturday at 10 a.m., the women's field hockey will vie for its second straight Ivy League victory when it plays Yale on the Schoellkopf turf. The men's soccer team will face Adelphi, ranked fifth in the state, at 6 p.m. Saturday on Schoellkopf. The women's volleyball team also opens its Ivy campaign on Saturday afternoon with a match against Columbia at noon in the Helen Newman Gym, and the women's soccer team is home to face Adelphi at 11 a.m. on Alumni Field that day.

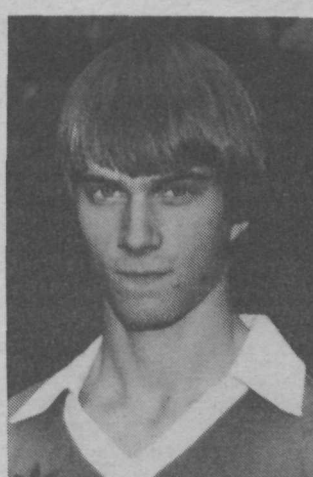
The Big Red will take on Lafayette in its second non-league contest in as many weeks. Cornell leads the series against Lafayette 9-5-1, but the two teams haven't faced each other



DAN GILROY
150s Football



SHERRI CHOCOLA
Women's Soccer



PAUL BAYNE
Men's Soccer

er since 1950 when the Big Red won 27-0. Although Cornell is 0-2 thus far, the team has lost to Pennsylvania and Colgate by a combined total of just five points; during 1983 and '84, those two opponents had outscored the Red by a whopping total of 147-21. In the tough 21-20 loss to Colgate last Saturday, a potential winning two-point con-

version attempt failed with one minute remaining on the clock. Senior Shawn Maguire broke the Cornell all-time career mark for pass completions in that contest. The senior signal caller now has 258 completions to break the old mark of 249 held by Mark Allen in 1971-73. Senior wide receiver Jim Perello continues to Maguire's favorite target.

He had four receptions Saturday and leads the squad in that department with nine for 124 yards. Receiver Todd Pressley also had his best game in a Cornell uniform last week, as he caught five passes for 62 yards and scored one touchdown.

This weekend marks the beginning of league play for the lightweight football team and the Red gridders look to successfully defend their portion of the ELFL crown earned in 1984. Cornell finished atop the standings along with Army and Navy as there were tri-champions for the first time in the league's history. Cornell has won its first two contests, defeating Rutgers (14-0) and Army (10-9).

The Big Red defense has been outstanding thus far, allowing opponents just 146.5 yards of total offense per game. Senior safety Dan Gilroy led the defensive charges against Army, intercepting one pass, recovering a fumble and stopping a critical two-point conversion attempt in the final minute of play. He has been selected the ELFL Defensive Player of the Week.

The women's cross country team has won its first three meets of the season, as it has now won nine consecutive meets dating back to last year. The success is due to excellent grouping and consistent performers such as junior Sarah Day, who has two wins to her credit, and Yvette deBoer, who has placed in the top four in each of this year's meets. Two pleasant additions have been freshmen Amy McGarry and Mary Jo Krolewski. The women are expected to meet a strong challenge by Army on Friday. Last year, the Cadets gave the Big Red its toughest dual race of the season, losing 20-36.

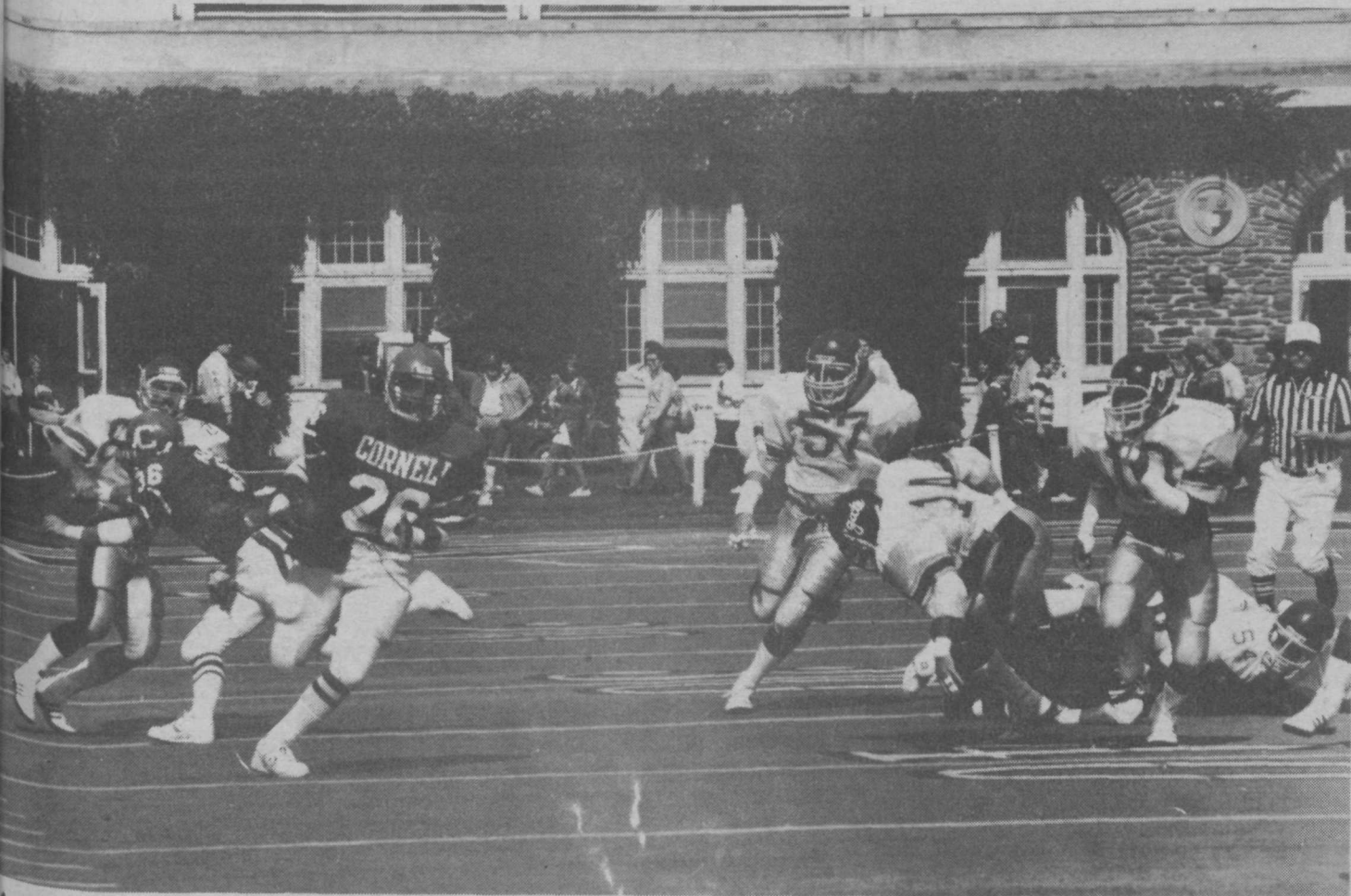
Grant Whitney continues to dominate the men's cross country scene no matter where he runs. The senior captain has finished first in all three meets this season. Last week, Whitney clocked the eighth-fastest time ever on the Syracuse Drumlins course, yet despite his efforts the Red dropped a narrow 26-28 decision to the Orange. Freshman Gavin Sloane continues to gain notice with his consistent performances, finishing as the team's second finisher in the most recent meets. The newcomer placed third in the Syracuse meet.

After suffering two one-goal losses and a tie during a three-game road swing, the women's field hockey team celebrated its return to Schoellkopf Field with a 1-0 win over Dartmouth on Saturday. It was the Red's first triumph in a home opener since 1980, as well as the first victory ever against Dartmouth. Ironically, it was the efforts of a newcomer who made the win noteworthy. Freshman Beth Paciello, who was playing in her first varsity game, scored the lone goal of the match and was subsequently named the Ivy League Player of the Week. The team went into Wednesday's encounter against Ithaca College with a 1-2-1 record. Cornell will be looking to avenge last year's 2-1 overtime loss to Yale in New Haven.

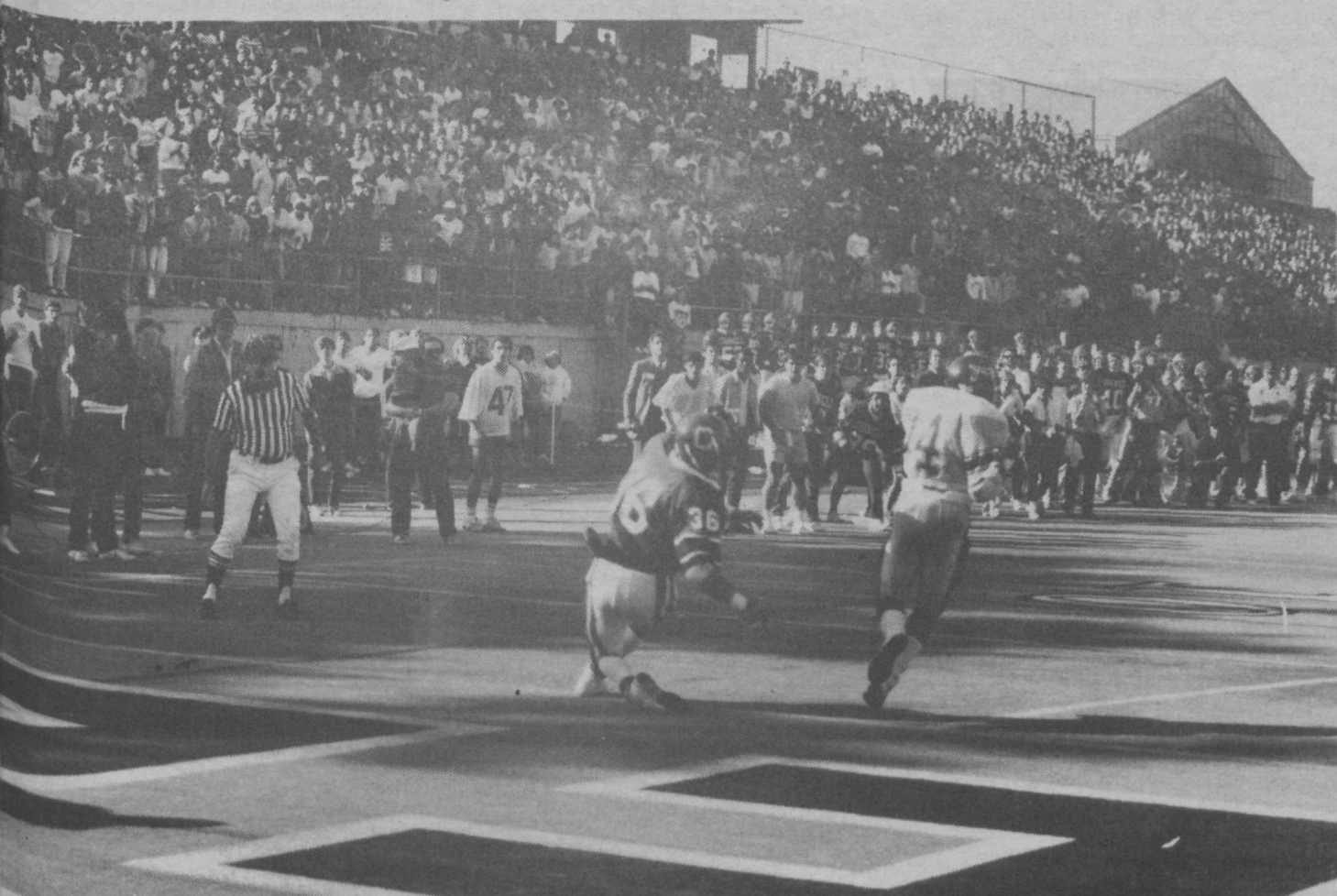
The men's soccer team has a 3-1 overall record and a 2-0 slate in the Ivy League and took a three-game winning streak into Wednesday's game at Oneonta. Saturday's opponent, Adelphi, is ranked fourth in New York state and has posted victories over Syracuse and Colgate this season. Since losing its opener to highly regarded Brooklyn College, the men's soccer team has looked more and more impressive each time it has taken the field. Sophomore John Bayne has emerged as an explosive scorer for the Red, showcasing his scoring abilities with a hat trick against Princeton. The three-goal outburst was the first for Cornell since Bill Summers achieved the feat in 1982, and Bayne was honored for his performance being named the Ivy League Player of the Week.

The Big Red women's volleyball team plays its home opener Saturday, playing Columbia for the first time ever. After placing third at the Bucknell Tournament in its first action of the season, the team was scheduled to participate in the Massachusetts Tournament last weekend, but the tourney was cancelled due to inclement weather. The spikers played Cortland and Binghamton in a match Tuesday at Cortland.

The women's soccer team opened its Ivy League campaign last Saturday with a 2-0 win over Dartmouth. The defense earned plaudits with inspired performances by sophomore Alison Goldwasser and junior Teri Moore. Sophomore Sherri Chocola is developing into an exceptional goalkeeper, as evidenced by her play in the Dartmouth game. Chosen the Ivy League Player of the Week after making nine saves against the Big Green, Chocola has now posted two consecutive shutouts. The Red took a 2-3 overall record in Wednesday's home game with Colgate. Cornell defeated Adelphi on Long Island a year ago, 1-0.



A major high point and the final low point in Saturday's narrowest of defeats to Colgate at Schoellkopf Field came when Tony Paul (26, above) broke loose for a 50-yard run in the first period, and (below) when Colgate defender Neil Viserto (14) stepped in front of the Big Red's John Tagliaferri (36) to intercept a pass for a two-point conversion that would have given Cornell a 22-21 lead late in the game. Final score: Colgate 21-Cornell 20.



Brief Reports

English as Second Language Course Offered

A six-week, noncredit course will be offered on campus starting Oct. 14 for visiting academicians who seek improvement in any basic English language skills, particularly speaking and listening comprehension.

All language-learning activities will be oriented toward what will be most useful to the scholars during their stay here. Practice in speaking and pronunciation will include informal conversation activities, formal presentations, and individual help with pronunciation problems.

Classes will meet from 4:30 to 6:30 p.m. Monday through Thursday, Oct. 14 to Nov. 21. In addition to the eight hours of weekly classroom instruction, individual consultations will be available.

The program fee is \$400. Registrations must be submitted by 4:30 p.m. Friday, Oct. 11.

For registration information, contact Patricia Updike, B12 Ives Hall, 256-7259. For more information about the course, contact Mary K. Redmond, 323 Morrill Hall, 256-8288.

Graduate School Days Scheduled Next Week

Graduate School Days will be held on campus the second week in October, with admissions representatives from more than 140 graduate and professional schools available to talk with students about their programs.

Law School Day will be Tuesday, Oct. 8; Management School Day Wednesday, Oct. 9; and Graduate School Day Thursday, Oct. 10.

The events will take place between 11 a.m. and 3 p.m. each day in the Memorial Room of Willard Straight Hall, with panel discussions about school selection and admissions criteria held concurrently in the North Room.

The sessions are sponsored by the Career Center.

Rostropovich, Zukerman Here During 1985-86 Concert Season

Mstislav Rostropovich and Pinchas Zukerman are among the "who's who of musicians" that will highlight the university's 1985-86 concert season.

The Kalichstein-Laredo-Robinson Trio will open October 24 with a performance at Statler Auditorium, with works by Haydn, Mendelssohn, and Beethoven. The piano trio is, according to the New York Times, "one of the best blended, most sensitive and intelligent piano trios in the world today."

Launching the Bailey Hall series on November 1 will be Gerard Schwarz conducting New York's Lincoln Center's Mostly Mozart Festival Orchestra with Korean-born violinist Young Uck Kim and American pianist Ken Noda in an all-Mozart program.

Tickets for both concerts go on sale October 8 at the Lincoln Hall ticket office, which is open from 9 a.m. to 1 p.m. daily; the telephone number is (607) 256-5144. Subscriptions are still available for both series; the cut-off date is the first concert in each series.

Other performances in the 1985-86 Statler Auditorium series include:

— The Orford String Quartet with James Campbell, clarinetist, December 2. The quartet, affectionately regarded as "one of Canada's national treasures," returns to Cornell, with Campbell, for a performance of string quartets and a clarinet quintet.

— The New York Chamber Soloists with pianist Menahem Pressler, March 4. Founded 30 years ago by American musicians renowned for innovative and imaginative performances, the soloists have devoted their careers to bringing chamber music to diverse audiences. Pressler, of the Beaux Arts Trio, joins them in a Schubertiad featuring the "Trout Quintet."

— Paula Robison, flutist, and Ruth Laredo, pianist, March 19. Robison, first-prize

winner at the Geneva International Competition, is a founding artist member of the Chamber Music Society of Lincoln Center. Laredo, a specialist in the music of Rachmaninoff and the first pianist to have recorded his complete solo works, has won two Grammy nominations and many other awards.

— Pinchas Zukerman, violinist, November 14. Zukerman appeared at Cornell most recently as conductor-violinist with the Saint Paul Chamber Orchestra. He returns this fall in a solo recital — his first in Ithaca since 1981.

— The Cincinnati Symphony Orchestra, Michael Gielen conducting, Peter Serkin, pianist, February 4. The Cincinnati Orchestra is one of the country's most venerable musical organizations, having been the first orchestra to circle the globe on tour.

— English Baroque Soloists, John Eliot Gardiner, conductor, and Cornell's Malcolm Bilson, fortepianist, April 5. Considered one of the world's finest period-instrument orchestras, the English Baroque Soloists won the Grand Prix du Disque in 1981 for a recording of Purcell's "Fairy Queen."

— Mstislav Rostropovich, April 13. It has been almost 10 years since Rostropovich visited Cornell. This performance by the "remarkable" Russian-born cellist marks the fifth time he has played for the concert series.

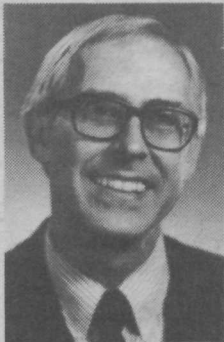
Donations by contributors to the Fund for Quality Concerts help maintain the concerts and the affordability of tickets. For information about the fund, call concert manager Mariann Carlin at (607) 256-5144.

On the evenings of the Bailey Hall concerts, free bus service between parking lot B, Stocking Hall, and Bailey Hall, begins at 7:30 p.m.

SAGE CHAPEL

CURW Director Johnson Will Talk

The Rev. Robert L. Johnson, director of Cornell United Religious Work, will speak at Sage Chapel at 11 a.m. Sunday, Oct. 6. His sermon topic will be "Finding a home."



Johnson is an ordained minister in the United Methodist Church and a graduate of the University of North Carolina at Chapel Hill, Union Theological Seminary in New York City, and Harvard Divinity School. For 18 years, he served as director of the Wesley Foundation at Chapel Hill, N.C., and served in recent years as the president of the National Institute for Campus Ministries. As director of CURW, he is responsible for the administration of Sage Chapel services.

FCR Meeting Cancelled For Lack of Agenda

The Oct. 9 monthly meeting of the Faculty Council of Representatives has been canceled for lack of agenda, according to Dean of the Faculty Joseph B. Bugliari.

Telecommunications Regulation Subject for Alfred E. Kahn

Alfred E. Kahn, the Robert Julius Thorne Professor of Economics here, former chief inflation fighter in the Carter administration and also former chairman of the Civil Aeronautics Board, will speak on "Current Issues in Telecommunications Regulation" at 4 p.m. today in 498 Uris Hall.

Kahn contends that the deregulation of telecommunications presents greater problems than airlines and trucking, and will outline his reasons during the seminar.

Essayist E.B. White, Honed Skills While at Cornell

By JAMES McGRATH MORRIS

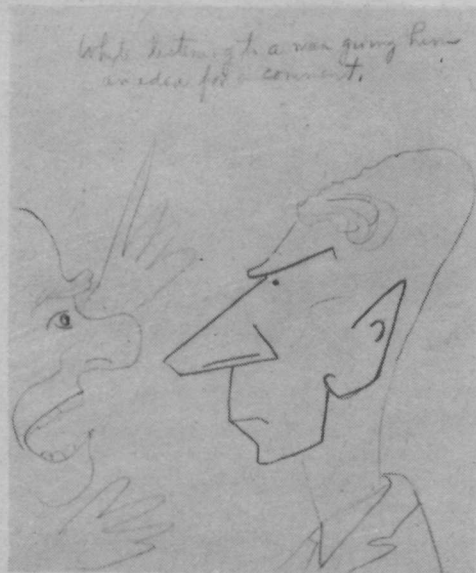
E.B. White, who died Tuesday at the age of 86 and was widely considered one of the greatest masters of American prose, honed his writing skills while a student at Cornell University between 1917-1921.

A wordsmith, first and almost always with The New Yorker, White's pithy style and wit charmed readers for half-century and set a new standard for aspiring writers. He was at his best within the confines of a writing form hardly practiced anymore — the essay.

Calling him "an essayist's essayist," Christopher Lehman-Haupt of The New York Times once described White's "serendipitous technique" as one of "seeming to stumble on his subject by way of the back door." Thus, Lehman-Haupt said, you might "arrive at the subject of disarmament by way of Mary Martin's furniture, or at the prospects of American democracy by the route of a dachshund named Fred."

White's fame spilled across generations when he created the children's classics "Stuart Little" and "Charlotte's Web." And to this day, his "Elements of Style," a compilation of writing rules taught to White by Cornell's legendary grammarian William Strunk, remains an important part of any undergraduate's personal library.

"White would not have become the writer he became or have followed the career he followed had he not enjoyed the personal and institutional nurturing he received in Ithaca," according to Scott Elledge, the Goldwin Smith Professor of English Literature Emeritus at Cornell and author of "E.B. White:



This drawing of E.B. White, done by his longtime friend and collaborator James Thurber, is one of many items relating to White in the Olin Library.

A Biography."

Following the path of his two older brothers, White came to Cornell in the fall of 1917 after completing a high school career during which he discovered the pleasures of writing. At Cornell, Elwyn Brooks White became "Andy" White, a nickname commonly bestowed to student's with the same last name

as the university's first president, Andrew D. White.

In comparison to the other Ivy League schools of the era, Cornell was an intellectually open university, not bound by any doctrinaire philosophy, Elledge said. "For someone more interested in educating himself than in taking courses, Cornell was an almost ideal community. For the son of Samuel White, from Mount Vernon, N.Y., Cornell was to be both reassuring and enlightening."

"The most important aspect of White's experience at Cornell, however, was not the training he received but rather the nourishment he found in the physical and social climate of the place, and the reassurance he gained simply in the course of his daily life as an undergraduate," Elledge wrote in his book about White.

An important part of White's daily life was the Cornell Daily Sun. His "four years as a reporter, feature writer, editorial writer and editor-in-chief of the Cornell Daily Sun were what he needed at the time — for his soul, as well as for his preparation to become a man of letters."

Society of Women Engineers Unit Here Named Best in the Nation

The Cornell University Student Section of the Society of Women Engineers has been named the best student section in the nation for 1985.

The Cornell chapter's "ambitious program for the past year is well-deserving of the honor of National Best Student Section," said Joann M. Takehara, national student activities chair for the society. "Especially noteworthy is (its) efforts to develop future leaders not only for the Cornell section but for society as well."

The award was based on three criteria: improvement from previous year, overall organization of the section, and the diversity and effectiveness of overall activities.

The Cornell Chapter of SWE was chartered in 1972. Since then, it has been an organization run by students primarily for women engineering students. Its membership, though, is open to all Cornell undergraduate and graduate engineers — male or female — and students majoring in physics, chemistry, or computer science. Cornell SWE's mem-

bership for 1984-85 consisted of 113 students, which was more than double the membership for the previous year. This year, there are about 130 members.

The society focuses its activities in three areas: academic support, professional development, and pre-college education. For example, on Nov. 1-3, 1985, the Cornell chapter will be host to a regional conference on campus. The group expects about 150 students from other universities to attend, along with 50 professionals representing 25 companies.

Officers for 1985-86 are: Margaret Ausab, president; Susan Lord, vice-president; Eva Szabat, corporate secretary; Denise Buetgens, treasurer; Margaret Karlsson, student secretary; and Marguerite Syvertson and Sung Chun, public relations.

Graduate Bulletin

Late initial course registration and course additions are still possible upon payment of a \$10 processing fee. The deadline for dropping courses and changing the grade option is Oct. 25. 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.

Oct. 15 is the deadline for IIE, French Government Fellowships, which are open to Ph.D. candidates in all fields. Candidates must be U.S. citizens and fluent in French. Grants are for graduate study and research in French universities and other state institutions.

Oct. 16 is the deadline for the Robert Bosch Foundation Fellowship Program, an intensive work-study program in Germany to promote American/German-European relations. It is intended for graduate students in business administration, economics, public affairs, political sci-

ence, law, journalism, and mass communications. Information on the above and other fellowships is available at your graduate faculty representative's office and at the Fellowship Office, 116 Sage Graduate Center.

There are currently openings for graduate students on the following University Assembly and Student Assembly committees: Financial Aid Review, Student Life, Transportation Services, Violations Appeals, Special Requests Appeals, Campus Store, University Health Services, Faculty Committee on Freedom of Teaching and Learning, Faculty Committee on Physical Education. Please apply in the Office of the Assemblies, 165 Day Hall. If you have any questions or concerns please contact the graduate student representatives: Stuart Brown, 239 Plant Science; or Kimberly Morrison, 193 Roberts Hall.

Networking

A Cornell Newsletter Published by Employees for Employees

Ross B. Sinn Is Dedicated Service Winner for October

The faculty, staff, and students of the Department of Entomology take great pleasure in honoring Ross B. Sinn for the Dedicated Service Award, in recognition of the untiring and selfless way in which he has served the University for over 37 years.

Born and educated in Ithaca, Staff Sergeant Sinn returned to his hometown after service in the South Pacific during WWII and was briefly employed as a machinist at Morse Chain. In 1948, however, he came to the Department of Entomology and began a distinguished record of service to the University.

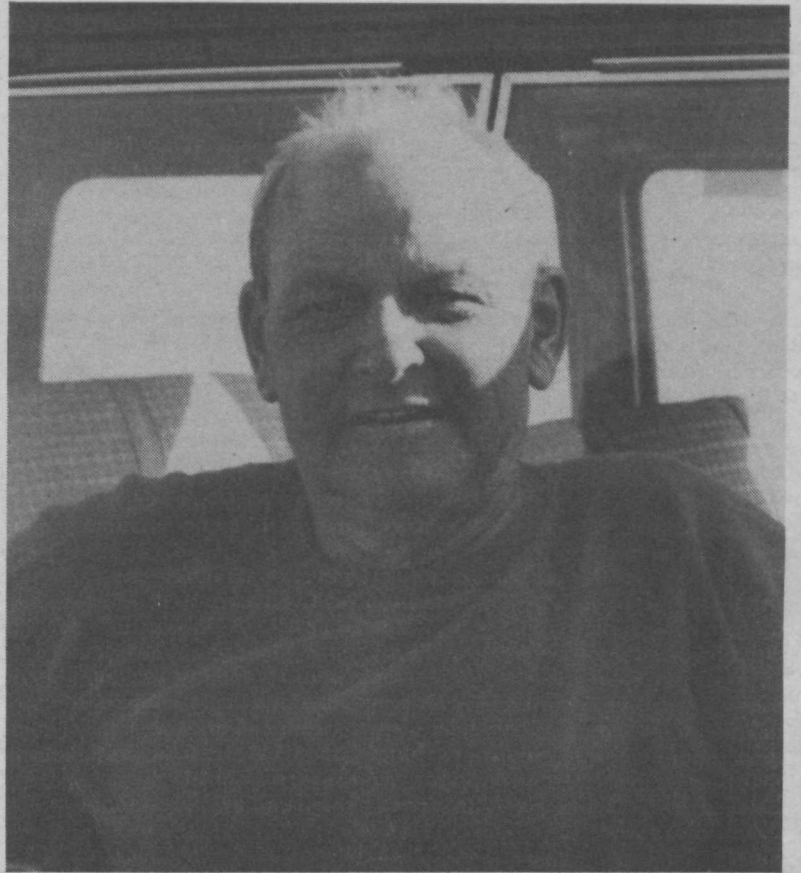
Because of his extensive experience and skills as a mechanic, machinist, and fabricator of research equipment, as well as his unique personality, Ross is widely known throughout the University. Those of us who have known him for many years have never known Ross to turn down a request for his help, even if the request was untimely or unreasonable. Vehicles and research equipment prepared and maintained by Ross are unfailingly available when requested.

Ross Sinn and his TowMotor forklift are a familiar sight at his shop near the Tower

Road greenhouse complex. His shop is a hub of activity reflecting the diverse research, teaching, and extension functions of the Department of Entomology. His shop is unique, almost legendary, in another way as well, for it is one of the few places where one can find an original calendar dating back 30 years or more.

Ross has seen many members of the department come and go during his long tenure. From professor to graduate student, everyone has at one time or another benefited by their association with him. In our travels and professional contacts throughout the world, former students, staff, and faculty of the department invariably ask about Ross and recall with gratitude and fond memories their association with him.

Ross lives in the village of Lansing with his wife and daughter. He enjoys gardening and outdoor work as is evidenced by his carefully landscaped and maintained home. However, in a very real sense, the Department of Entomology is Ross' home as well. We are extremely pleased to recognize his unique human assets and contributions to our university.



Ross B. Sinn

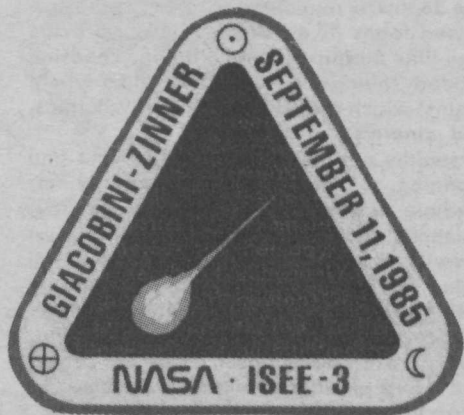
Cornell Plays Catcher for ICE Signals

On Wednesday, September 11, 1985, a special celebration took place at 61 Brown Road, Research Park. We suspect that similar celebrations occurred at the Arecibo Radio Observatory in Puerto Rico, the Goddard Space Center headquarters, and a few other places. At about 7 A.M. that morning the International Cometary Explorer (ICE) accomplished its mission and successfully encountered the comet, Giacobini-Zinner. News releases came out of the Goddard Space Center that day.

The people at Goddard conceived the idea of using a secondhand satellite, which would be boosted into an orbit about ten times its original height, and its trajectory would be adjusted to encounter the comet's tail at the most appropriate time.

Although not mentioned in the headlines, Cornell University played an important role in the project. The ICE satellite contains a very low power transmitter which was designed to transmit information back to earth from a much shorter distance. It was necessary, therefore, to select the most sensitive receiver station possible. Cornell University is funded by the National Science Foundation to operate the National Astronomy and Ionosphere Center which has, as its major facility, the world's largest radio telescope located near Arecibo, Puerto Rico.

Because of its sensitivity, this telescope was selected as the primary receiving site for the transmitted information from the ICE satellite. Other sites were Goldstone, California, and Japan. The Jet Propulsion lab



supplied maser receivers (the most sensitive receivers possible) for the Goldstone and Japanese antennas.

At the Arecibo Observatory there were no receivers or antennas designed to operate at the transmitter frequency of 2270.4 MHz. No problem -- the center operates a research and development lab at Research Park, 61 Brown Road. Here most of the antenna and receiver systems for the observatory are designed, built, and tested.

In December 1984, work began at Research Park on the development of state-of-the-art antenna and receiver systems for the ICE mission. The antenna was completed in May 1985 and the receiver system was completed in late June. Separate crews from Research Park travelled to Puerto Rico at those times to help install and test the two systems. On September 11, all systems functioned perfectly to result in excellent signal reception. Scientists are now busy analyzing the data.

Lynn Baker heads the antenna development group. George Peter is in charge of the receiver development program. Others involved were William Genter, Kurt Kabelac, Pierson Mosher, Linda English Rossi, and David VanWinkle. Also Alan Dunning and Gerald Reynolds were hired for six months to help with machining antenna and receiver parts. Student employee, Chi Voba, and graduate student Andrea Ingram, were involved to some extent.

Headquarters for the National Astronomy and Ionosphere Center is in the Space Sciences Building. Internationally known, Dr. Tor Hagfors is the director. Dr. Donald Campbell is director of the Arecibo radio telescope. Coordination with Goddard Space Center was handled by Frank Six, association director of the observatory.

Your Employee Benefits Claims Rep for Aetna Here

Do you have a claims question? The Aetna claims supervisor will be back on campus to answer individual claims questions on October 24 from 8:30 am until 4:00 pm. To schedule an appointment, contact Employee Benefits at 6-3937. Walk-in appointments (130 Day Hall) will also be accepted, as permitted by the schedule.

For more information, please contact Pat Cooke at 6-3937.

Select BENEFITS

Do you have questions about Select Benefits and the upcoming November enrollment period? If so, bring your questions to one of the informational oncampus meetings scheduled for October.

The Select Benefits slide presentation will be held on:

Tuesday, October 15, 2:00 p.m., Hollis Cornell Auditorium, Goldwin Smith Hall

Thursday, October 17, 9:00 a.m., 231 Warren Hall

Monday, October 21, 2:00 p.m., 251 Mallott Hall

Select Benefits mini-sessions on the pre-tax contribution, and medical and dependent care reimbursement accounts without the slide presentation will be held on:

Tuesday, October 15, 3:30 p.m., Hollis Cornell Auditorium, Goldwin Smith Hall

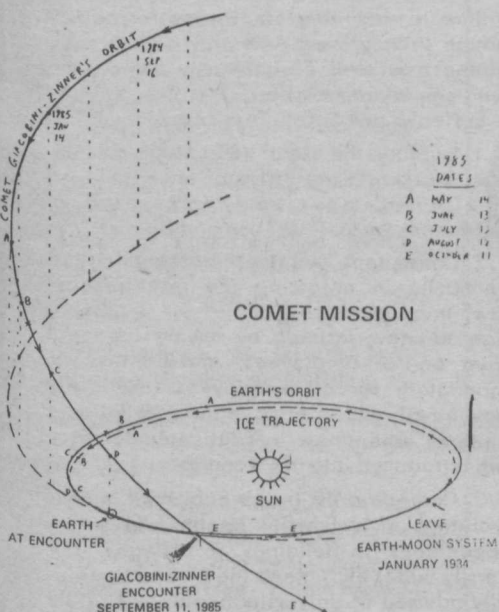
Thursday, October 17, 10:30 a.m., 231 Warren Hall

Monday, October 21, 4:00 p.m., 251 Mallott Hall

Check W-2 Addresses

All employees should verify that the address currently shown on their paycheck is correct as all W-2 statements will be mailed to those addresses. Corrections should be sent to Operations, University Personnel Services, 147 Day Hall. Please include your full name, Social Security number and new address.

Employee Day '85
See you Saturday!



Just For Your Information

WORKSITE BLOOD PRESSURE PROGRAM

Since the Tompkins County Department of Health began its blood pressure screening clinics at Cornell in 1978, over 11,400 contacts have been made with employees.

BLOOD PRESSURE SCREENING CLINICS

July 1, 1984 - June 30, 1985

2558 Number of people seen at open clinics

835 Number of people seen at follow up clinic

138 Number seen again

3631 Total number of contacts

You can't tell if you have high blood pressure unless you're tested so "Tie It On at Work" and have your blood pressure checked at your worksite screening clinic. The fall '85 blood pressure screening schedule is listed in this issue of Networking with an article on high blood pressure.

Breakfast with Provost Barker

The "Breakfast with Administrators" series has recommenced for the fall '85 semester. On September 13, at 7:30 A.M. approximately 20 employees (including two who came all the way from the Geneva Experiment Station) had breakfast with Provost Robert Barker.

In exploring the role of the provost, Dr. Barker gave examples of some of the things he had done that week. He spent one day in Albany dealing with the statutory budget, one day in Washington meeting with people from the state department, and one day in New York City at a reception for about 80 of the contributors to the Johnson Graduate School of Management. One of his more pleasant duties on campus was to receive a check for \$460,000 from Eastman Kodak.

The provost is sort of the chief executive officer for all academic affairs. He answers only to the president in terms of the organizational chart. (Though, like any good leader, he answers to everyone.) He is acting-president in the absence of the president.

Provost Barker talked about Cornell and mentioned the supercomputer and biotech-

nology center and discussed what these programs will do for the University. He foresees that undergraduate enrollment will remain constant but expects that graduate enrollment may increase to 4,500, from the present 3,500, in the next decade. This would be due to the expansion of Cornell as a research university and he also stated that the quality of the faculty tends to be directly proportional to the volume of research.

The provost expects that future undergraduate education curriculum will include the teaching of values, ethics, and morals.

To learn more about Cornell, attend one of the future breakfasts or luncheons with administrators. The schedule is as follows:

Thursday, October 24: Lunch with President Frank Rhodes.

Thursday, November 21, 1985, Elmhirst Room - Carol O'Brien, director of development.

Thursday, December 12, 1985, Elmhirst Room - Hal Craft, director of telecommunications.

Call or write the Office of the Assemblies to register: 6-3715, 165 Day Hall.

Taking Charge of Your Own Health

Busy Lives and a Proper Diet

Adapted from an article appearing in the UHS newsletter "Vital Signs."

Nutritionists often obtain a "24-hour recall" from a client in an effort to gather information about their eating habits. A "24-hour recall" asks the client to think back over the past 24 hours and recall everything that was consumed in the way of food or drink. Take a minute to think about what you've had to eat or drink since yesterday. Now ask yourself the following questions:

- Did I eat a morning meal?
- Did I drink milk or eat cheese or yogurt?
- Did I have any deep yellow or dark green leafy vegetables?
- Did I include a citrus fruit or juice?
- Did I choose 4 servings of whole grain breads or cereals?

Was your answer "YES" to all the questions above? If not, take a minute to review the basics of good nutrition -- the Four Basic Food Groups:

- Milk (or alternatives like cheese or yogurt), 2 servings daily
- Meat (or alternatives like fish or legumes) 2-3 oz. servings daily
- Fruit and vegetables, 4 or more 1/2 cup servings daily (include 1 serving citrus per day and 1 serving deep yellow or dark green leafy every other day)
- Grains and Cereals, 4 or more 1 oz. servings

Additionally, the U.S. Dietary Guidelines reminds us to decrease our consumption of fats to 30 percent of our calories. Americans currently consume about 45 percent of their calories as fats. We can do this by reducing our intake of red meats, whole fat dairy products, and fried foods. We have also been advised to increase our consumption of whole grain complex carbohydrates and reduce our intake of simple sugars. We can do this by avoiding "empty calorie" processed foods (like Twinkies) which provide very little nutrition per calorie, and choosing instead "nutrient dense" foods (like whole grains) which provide lots of fiber, vitamins, and minerals per calorie.

Healthy nutrition habits require time and planning, so they must be given priority. Immediate rewards may involve a healthy, balanced and energetic outlook on life, just knowing that you are taking the time to eat right. The long-range benefits of healthful eating habits are many, including a lowered incidence of heart disease, hypertension, osteoporosis, adult onset diabetes, cancer and a host of other debilitating diseases. So make the decision to form good habits now.

Here are some suggestions for choices in good nutrition:

To perform your best, experts agree that breakfast is an important start, even if you are busy. And breakfast doesn't have to mean bacon and eggs. Actually, in light of the sodium, saturated fat and cholesterol content in that meal, you're better off if you make other choices. Try cold chicken, tuna, sliced turkey, pizza, peanut butter and fruit, whole wheat toast and yogurt, cottage cheese, and for the less adventurous, there is always cereal and milk. None of these meals require more than two minutes pre-

paration time. Skipping breakfast is not a good way to lose weight. In fact, obese individuals omit the morning meal more frequently than those at ideal weight.

At lunchtime, try unsweetened natural juices and skim milk instead of soda or chocolate milk, cutting down on some simple sugars and/or fat. Opt for a salad with fresh vegetable and low-calorie dressing (with less fat than regular) instead of french fries which provide little more than calories. Avoid the dessert shelves and ice cream freezers and head for the fresh fruit and plain yogurt. These choices go a lot further in helping you meet your nutrient requirements.

All of your meals do not have to include meat. Starch has frequently been given a bad press, yet increased consumption of complex carbohydrates (starch) is advisable along with a reduced intake of red meat. Consider that a five-ounce steak contains 500 calories (80 percent fat) while 5 ounces of cooked brown rice has 154 calories (0 percent fat). So it's better for your health to include larger portions of starch (preferably whole grains) and less meat.

Legumes (dried beans like lentils or split peas) may substitute for meats and are best when combined with grains or nuts and seeds. Legumes are rich in fiber and nutrients. Nibble knowledgeably; good snacks are available but they are not as heavily advertised as junk foods. Nutritious nibbles include popcorn (plain or popped in polyunsaturated oil), fresh fruits and vegetables, juice, yogurt, lowfat milk, whole wheat pretzels with sesame seeds, homemade potato skins, and lowfat frozen treats.

And if you still decide to delay your efforts regarding nutrition, don't make up for poor eating with megadose vitamin therapy. Large doses of vitamins and minerals may be dangerous. Fat-soluble vitamins such as A, D and E are stored in the body and may build up to toxic levels in the blood. Even water soluble vitamins such as B complex and C may lead to adverse reactions. A recent study in the New England Journal of Medicine reported the development of severe neurological problems in six individuals resulting from large intakes of vitamin B6. In this case, more may not be better; it could be dangerous and is always more costly.

Exercise, emotional wellbeing and nutrition are only three ingredients in our lifestyle patterns. Other factors, such as wearing seatbelts, smoking cigarettes and using alcohol or other drugs can also play a part in the choices we make on a daily basis.

If you see a need for self-improvement in any of these areas, remember that lifestyle changes do not happen overnight! If your goals are set too high, you're only asking for failure. Take small steps toward gradually changing some of your unhealthy habits to healthy ones; eat an apple today instead of a doughnut as your midmorning snack... if possible, walk to work for a week instead of taking the bus... talk out a personal problem tonight with a good friend.

Breakfast/Lunch with Administrators

If you are an employee and would like to have breakfast or lunch with one of the administrators listed here, please fill in the coupon below or call Office of the Assemblies, 256-3715.

October 24: Lunch with President Frank Rhodes
November 21: Breakfast with Director of Development Carol O'Brien
December 12: Breakfast with Director of Telecommunications Hal Craft

Name _____

Campus Address _____ Phone _____

I would be interested in having breakfast with: _____

Return coupon to Office of the Assemblies, 165 Day Hall.

CRC News

CORNELL RECREATION CLUB

Coming up on Sunday, October 6th at the Big Red Barn is a pancake breakfast. An event to be held in conjunction with the October 5th Employee Day, the price is \$3.00 per person for a big country breakfast. Children under 5 eat for free. Serving will begin at 7:00 am and will continue until 12:00 noon. Everyone is welcome. Purchase your tickets at the CRC office.

A one day shopping spree to Reading, PA is planned for Saturday, October 19th. The bus will leave at 6:00 am and return at approximately 11:00 pm. The price is \$22.00 per person. Dot Messenger will be the trip leader. You must sign up by October 11th, so call today and make a reservation. The CRC number is 6-7565.

Coming up on Saturday, December 7th is

the annual Christmas dinner dance. It will be held at TC3 in Dryden. Also in mid-December, are plans for a one day trip to New York City. This is an "on your own" trip and you may use it for shopping, sight-seeing or whatever. More details later.

New Year's Eve plans are in the making for a family bowling party. It will be held at Helen Newman Lanes. There will be more details in future newsletters and Networking.

There are still a few openings for the Hawaii trip. If you are interested, contact the CRC office. The dates are January 8-22, 1986 and those of you already signed up, don't forget that the final payment is due by November 1, 1985.

At the September 12th meeting of the board of directors, Ira Reed was appointed as the retiree representative to CRC. Congratulations Ira, we hope you enjoy the position.

Golf Tournament

by Dot Messenger

On September 7th, 72 golfers gathered at the Dryden Lake Golf Course for a day of golf, fun, food, and drinks. The weather was hot and muggy and the cool refreshments back at the clubhouse were a welcome sight when we approached the 9th and 18th holes. First place prizes were awarded to the following:

- 1st Flight: Bill Douglas, Denny Ferguson, Dave Koehler, and Pete Tufford
- 2nd Flight: Charles and Eleanor Foote, Hedy Grant and Walt Nelson
- 3rd Flight: Tim and Debbie Gatch, Ted and Karen Murray
- Closest to Pin: Men - Jeff Matta
- Women - Mary Johnson
- Longest Drive: Men - Dave Koehler
- Women - Hedy Grant

After the prizes were handed out, we enjoyed cooking steaks over an open fire, eating dinner, and telling tall stories about that "almost hole-in-one" that we all experienced.

We wish to thank Andrea Hodges for all her work in arranging this fun tournament; Ron Parks for getting the prizes and bags of 'goddies' everyone received; and Don Wilson for his assistance in taking care of the tee times and flighting the teams.

FOCUS

Continued from third page

employees: These include Cornell Recreation Club, breakfasts and lunches with administrators, Networking, Employee Day, and brown bag lunches.

3. Work with the internal operations committee to encourage participation among employees in campus governance.

C. Personnel Policy Committee

1. Work with the training and development staff of personnel services to develop and schedule computer and software courses especially for employees to be offered during intersession and summer.

2. Investigate the status of job classifications and job descriptions, including issues of equity in statutory and endowed units and upward mobility. Seek input from the community and ask staff members from compensation of personnel services for information and assistance.

3. Gather input from the community about the need for day care facilities on campus. Request information from personnel services, the group which worked on the development of the infant care center, and the staff of the infant care center about the feasibility of subsidies from the university for such programs, how existing programs are

utilized, and perceived needs for additional services of this kind.

D. Steering Committee

1. Work with the internal operations committee in recruiting employees for participation in Employee Assembly and its committees, as well as university committees with employee members.

E. Health and Safety Task Force

1. Examine the use of VDTs/CRTs on campus. Work with the office of environmental health to develop comprehensive guidelines for VDT/CRT use and training.

2. Continue to monitor the progress of the university in enforcing the right-to-know law. Investigate possibilities for improving right-to-know training by asking for input from on-site employees, making training mandatory for all employees (especially new hires), and offering mandatory training updates when new substances/machinery are introduced into the workplace.

3. Compile a list (to be published in Networking) of university health and safety committees (in buildings, in colleges, university wide, etc.). Keep the EA and community advised of university health and safety council actions, as well as the actions of the smaller, more local committees.



Everyone knows me, McGruff the Crime Prevention Dog! I will be on the Cornell Campus for the Employee Day on October 5th. I will be available for questions, answers and pictures all afternoon in the gym at Barton Hall. Most likely I will be hanging around the Department of Public Safety's crime prevention table. Public Safety tells me that they will be giving away balloons and other goodies to kids. Employees, if you have not yet, but always wanted to register your keys, stop by.

Hope to see all of you there!



Having fun at Fall-In 1983

Cornell Plantations 'Fall-In' Is Saturday

Cornell Plantations will be celebrating gardening, natural history and crafts at its outdoor autumn festival on October 5 from 10 am to 2 pm. This year's "Fall-In" features the mushroom man, the plant doctor, and about 30 demonstrations and exhibits.

"This event is really a family education festival," says Raylene Gardner, education coordinator at the Cornell Plantations. "We want people to have fun and learn about plants and how we use them."

Visitors will observe wood turned on a foot-operated lathe, see flax spun, and watch apples pressed into cider. Natural history enthusiasts can have a mushroom identified by the mushroom man, Dr. Scott Camazine a local physician -- or let the plant doctor, extension associate in plant pathology Juliet Carroll, diagnose a sick plant. Visitors can also bring soil samples for free pH testing by cooperative extension agents.

Other fun things to do at Fall-In include to-



mato tasting, paper-making, quilting, and participating in a "hands-on" display and talk about the fossil history of the Finger

Lakes by John Chiment of Boyce Thompson Institute.

The first Fall-In was organized by graduate student Peter Dykeman in the early 1970s as an attempt to involve more students in the Plantations. Scattered through the years since that time, fall-ins have drawn many visitors to the Plantations: nearly 10,000 people attended the 1976 festival.

To find this year's events, visitors should park in Cornell's B lot off Route 366 near the veterinary school. Shuttle buses will take people to Newman Pond in the arboretum, where receptionists will hand out brochures and collect \$1.00 donations from adults for Fall-In admission buttons. Bus tours of the Plantations will be given each hour, and wholesome snack foods for lunch will be available. The raindate for the festival is October 6.

For more information contact the Cornell Plantations, One Plantations Road, Ithaca, NY 14850, (607) 256-3020.

LEADERSHIP LEADS

Why Does Everyone Hate Meetings?

Three kinds of people attend meetings. Those who want progress, those who don't, and those who want to impress the chairman. Ninety-eight percent of the talk goes to two percent of the problem. Remember the story of the board of trustees who agreed unanimously to spend millions for an atomic reactor, then fell in wild dissension over the request by the freshman basketball coach for a new blackboard. Maybe

the air is too soporific. Maybe the carafes of ice water tend to lubricate the long-winded. Maybe the chairs are too comfortable. (A fast food chain designed its chairs to be purposely uncomfortable so people wouldn't

linger over their coffee.)

At your next meeting, remove the chairs, empty the carafes, turn the thermostat down to 55. A stand-up meeting could be a stand-out.

Cornell United Way Profile

Harriet Ink: A 'Can Do' Person

Harriet Ink is a United Way volunteer who knows how to handle emergencies.

A 10-year volunteer for the United Way-funded Slaterville ambulance service, Harriet has helped hundreds of people at accident scenes throughout our community.

"I believe in The United Way," explains Harriet, "because everyone benefits."

United Way funds help the Slaterville-Car-



of Tompkins County

oline Community Association provide community programs. "Over the years we have used United Way dollars to improve our community playgrounds and purchase stretchers and rescue equipment," notes Harriet. Every Friday evening Harriet volunteers her time and talents to the ambulance service.

Harriet is one of hundreds of citizens who volunteer their time, talents, and money each year to keep United Way services working for all of us.

This year the United Way campaign theme is "Yes We Can." Harriet Ink - a "can do" person - is a living tribute to this theme.



Harriet Ink

FOCUS

On the Employee Assembly

by Mick Ellis

As Bill Genter reported in the last issue of Networking, Lynn Coffey-Edelman resigned as chair of the Employee Assembly at the September 18 meeting. "As vice chair, I assumed the duties of chair at that time. I have served the assembly in various capacities since 1981 and the University since 1975 and will strive to be worthy of this new trust by serving to the best of my ability."

Many employees are unaware of the extent to which the assembly has an ongoing opportunity to impact decisions, policies, and benefits which affect employees. Assembly members meet regularly with the president, provost, senior vice president, vice president for campus affairs and the director of university personnel services. In addition, we have access to any other administrator/supervisor and/or office/departments within the Cornell community. Over the years, I have seen the assembly's influence and reputation enhanced by the hard work of committed and dedicated employees who have contributed significantly to the constructive and effective resolution of numerous problems and issues within the larger community. Their tireless efforts have earned them a working partnership with the University's decision makers.

The assembly's effectiveness is enhanced every time another employee becomes involved in campus governance. A diversity of views, energies and talents enriches the governance process. We need to hear from you. Let us know what the problems and issues are. We will see to it that your concerns are voiced. Assembly members can be contacted through the Office of the Assemblies (256-3715). The assembly meets in room 88 Roberts Hall the first and third Wednesdays of each month.

President Rhodes will be lunching with a small group of employees on Thursday, October 24 in the Martha Van Rensselaer faculty commons. Attendance is limited and will be determined on a first-come, first-served basis. If you are interested in meeting with President Rhodes, contact the assemblies office as soon as possible.

What follows are the proposed goals and objectives of the Employee Assembly for 1985-86. If you would like to suggest any additions/deletions or modifications to these goals and objectives, please contact the assemblies office before October 16.

Employee Assembly Goals and Objectives 1985-86

1. Establish an annual calendar.
2. Monitor university committees relating to employees (e.g., COTS, Advanced Benefits Task Force, etc.) and establish a schedule of reporting to EA.
3. Increase communications with other campus governance organizations by having regular reports from liaisons to other groups. (student assembly, faculty council of representatives, university assembly).
4. Work with administrators from central administration and personnel to increase the visibility of EA by making supervisors aware of the necessity and importance of employee participation in university governance.
5. Define goals and objectives for committees and task forces of the EA. The following goals and objectives should be included for each committee or task force as indicated:

A. Internal Operations Committee

1. Act as a recruitment committee to actively solicit participation from employees for the Employee Assembly and its committees. This should include, but not be limited to, advertising in Networking and designing and sending posters around campus prior to the spring election.

2. Provide a list of university committees whose employee members should report to EA. The list should include descriptions of the main activities of the committees and a roster of members.

B. Communications Committee

1. Institute additional programs to increase Employee Assembly's visibility and effectiveness. This could include establishing a semiregular column in Networking called "Employee Assembly Salutes" which would focus attention on campus groups which serve employees (similar to the Dedicated Service Award). This would provide "advertising" for both EA and the group spotlighted and would introduce employees to others with similar interests. (As a side benefit, this could help get campus groups interested in listing themselves in a directory of employee organizations.)

2. Serve as a liaison with existing programs which promote communications with

Continued on second page

Brown Bag Luncheon Series

By Catherine Fitzgerald

The Brown Bag Luncheon series is about to begin again for the fall '85 semester. The first meeting will be on October 9, in Martha Van Rensselaer Hall in Room NG2, and our speaker will be Earl Brooks, professor emeritus of administration. The topic Professor Brooks has chosen is "Successful Negotiating," a subject with which he is very familiar. He has written a book entitled "Managing by Negotiation." Professor Brooks will share with us his knowledge of negotiating and will explain how to put these skills to use in our day-to-day lives, whether negotiating for a car, promotion or other.

Sponsored by the employee-elected trustee and the Employee Assembly, for the benefit of the staff and Cornell community, these meetings are an opportunity to hear and experience, first-hand, the diversity and knowledge of people and projects at Cornell. Keep an eye on the "Employee Calendar" for announcements of dates for the Brown Bag Luncheon series.

Employee Calendar

Events of Particular Interest to Cornell Employees

Wednesday, October 2. Employee Assembly meeting, 12:15 p.m. room B-8 Roberts.

Saturday, October 5. 11th annual Employee Day! Chicken BBQ and Big Red football game.

Sunday, October 6. CRC pancake breakfast at the Big Red Barn from 7:00 a.m. until noon. Everyone welcome.

Monday, October 7. The Cornell Monday Night Women's Bowling League will start at 5:15 p.m. at Helen Newman Lanes.

Wednesday, October 9. Brown Bag Luncheon; "Successful Negotiating," Earl Brooks, professor emeritus of administration, speaker, noon, Martha Van Rensselaer Hall, room NG2. Sponsored by the employee-elected trustee and the Employee Assembly.

Wednesday, October 16. Employee Assembly meeting, 12:15 p.m. room B-8 Roberts Hall.

Wednesday, October 23. Brown Bag Luncheon, "Choosing a Home Computer," Tom Hughes, assistant director of computer services, speaker, noon, Martha Van Rensselaer

Hall, room NG2. Sponsored by the employee-elected trustee and the Employee Assembly.

Wednesday, November 13. Brown Bag Luncheon, "The Legal Aid Clinic and the Cornell Community," Legal Aid Clinic, presenter, noon, Martha Van Rensselaer Hall, room NG2. Sponsored by the employee-elected trustee and the Employee Assembly.

Saturday, December 7. Annual CRC holiday dinner/dance. All CRC members may attend at no cost. The event will be held at TC3 in Dryden, NY. Call the CRC office for more information, 6-7565.

Wednesday Dec. 11. Brown Bag Luncheon, "Cornell's Super-Computer Projects," Kenneth Wilson, James A. Weeks professor of physical science, noon, Martha Van Rensselaer Hall, room NG2. Sponsored by the employee-elected trustee and the Employee Assembly.

Submit listings for employee calendar to editor, University Personnel Services, 130 Day Hall.

LIFE SAFETY LINES

Life Safety Services Observes National Fire Protection Week

National Fire Prevention Week will be observed this year from Sunday, October 6th through Saturday, October 12th. Life Safety Services conducts fire prevention and safety programs on campus throughout the year to assist members of the Cornell community learn how to protect themselves from the hazards of fire. This concern for community safety is highlighted during Fire Prevention Week when Life Safety Services will have mobile and stationary information booths located throughout the campus.

Each year fire injures 250,000, kills 8,000, and displaces thousands of others from their homes and businesses.

Over half of all fires are preventable. People fail to take advantage of the fire-prevention technology. For example, almost half of all American homes still have no smoke detectors. People must come to grips with America's fire problem, which is the worst in the industrialized world. Some European nations have per-capita fire death rates that are just one-fifth the American norm.

How can we all become more fire-wise? By first coming to grips with the exact dimensions of America's fire problem. Far too few people realize that the majority of people who die in fires are actually killed by toxic smoke. Firefighters discover hundreds of victims each year in rooms surprisingly far away from the fire itself. The fact is that smoke kills. The materials in the world in which we live, work, and study substantially

increase the hazards to people involved with fire.

We have a long way to go in assessing fire hazards of a building, its systems, and its contents. Better building codes and a truer estimate of the potential impact of new building materials and automated suppression systems are needed.

Fire prevention does not receive the attention it deserves. Fire Prevention Week is a great start but what is needed are the programs that will motivate people to make Fire Prevention Week last all year long.

You can do a great deal to improve your family's fire safety by following the simple, common-sense fire safety rules presented each month in "LIFE SAFETY LINES."

From the "FOOD FOR THOUGHT" Department: National Fire Prevention Week marks the anniversary of the Great Chicago Fire, which happened on October 9, 1871. On that day fire killed 250 persons and destroyed 17,430 buildings at a cost of \$168 million. One of the worst in American history, this fire, which swept through the wooden buildings and sidewalks of Chicago, reportedly was started by Mrs. O'Leary's now-famous cow. It was not until after the tragedy that fire prevention codes were written requiring safer construction.

Questions and comments for Life Safety Lines should be addressed to:

L.S.S. Ernie Thurston
Cornell University, Life Safety Services,
Toboggan Lodge

Unclassified Ads

FOR SALE: BMR compact stereo receiver, 8-track tape deck, 2 speakers, turntable. Good condition. Great for young teen. \$30.00. Julie 257-7675 evenings.

FOR SALE: Mercury Capri, excellent condition, 2.3 four, 4-speed manual, power steering and brakes, am/fm stereo, 257-0173.

FOR SALE: 1970 3/4 ton GMC pick-up. Engine good condition, body rusted. Very heavy duty, excellent for hauling firewood, \$350. Beth 387-5875.

FOR SALE: 1975 Chevy Caprice, air conditioning, automatic, good condition. CB included, \$850. 659-7960 after 6pm, 6-523 days.

FOR SALE: English Springer Spaniel puppies, AKC registered, Champion OFA, eye normal parents. Liver/white and black/white males and females to show, hunt or love. Bred for physical and mental soundness. Ready to go to new homes early November. Shenanwood Springers. 347-4611 after 6pm.

FOR SALE: "Lange" downhill ski boots, 8 1/2 (mens), used twice, perfect condition. Lists \$300, best offer. 533-4692 after 5pm.

FOR SALE: 1982 Yamaha Virago 920cc. Excellent condition, many extras. Asking \$1,700. Mark 6-3539, 898-5096.

FOR SALE: Electric, Black & Decker impact wrench. Heavy duty 1/2" drive. Asking \$50. Mark 6-3539, 898-5096.

Wondering what to get your folks for the holidays? Peggy Haine and the Lowdown Alligator Jass Band's second album, just released, is available at the Campus Store, Discount Records, Rebop Records. Hot Stuff!

FOR SALE: gas/wood combination cookstove. 1940's vintage. Natural or LP gas. \$75. 277-4176.

FOR SALE: 1972 Chevy Nova, \$1,000; waterbed, \$150. 533-7220 after 6pm.

FOR SALE: Gibson guitar C-1-classic, \$125; harmony 5-string banjo, \$45; Seville guitar, \$45; Hexel skis with solomon bindings, \$125; Elan skis with solomon bindings, \$135. 564-7282, 564-7006.

FOR SALE: Skis, Dynastar Omega (200 cm) and ski bag with N77 Look bindings with ski brakes, \$175; Scott poles (125 cm) with easy-out grips, \$20; Hansen boots (10 1/2) with Allsop carrier, \$75. All in excellent condition. 564-7006 evenings.

FOR SALE: Used wine barrels, cut in half. Great for landscape planters, \$4 each, U-pick up. Also, new delux playpen, \$45. 387-9619 after 5pm.

FOR SALE: 1980 Pontiac Turbo Trans Am. Black and gold. EC, P/S, P/B, P/W, P/DL, A/C, C/C, T-tops, rear window louvers, and new tires and exhaust. Gwen, 6-5454, ext. 2414, or Carl 844-4039 after 4pm.

FOR SALE: IBM Selectric typewriter, \$200. 564-3649 evenings. FOR SALE: 1976 Chevrolet. High mileage, but recently tuned and given good bill of health. New tires, radiator, \$450. Dave 6-4289 days, 273-7644 nights.

FOR SALE: Handmade quilts, all sizes (twin, \$28; double, \$30). Also assortment of children quilts and doll baby quilts. Also, handmade weather vanes (\$12 and up). Betty, 273-3194.

FOR SALE: Truck cap in good condition. 5 x 7 ft. with louvered side windows. \$150 OBO. 272-6850 eves. before 9:30.

FOR SALE: 15 ft. Thompson Sea-Coaster boat with 35hp Johnson motor in excellent condition with many accessories. Also, a Honda CB100 motorcycle w/sissy bar. Excellent condition. 532-4309.

FOR SALE: Two seats from a Chevy Van. High back, bucket seats, maroon vinyl with plaid cloth centers. \$60 for both. 257-1192.

Adult Jazz Exercise Class: Tuesdays and/or Thursdays, 7:00 to 8:00 pm. 257-5677 for further information.

FOR SALE: 1975 Dodge Monaco, good condition, 80,000 miles, loaded, \$1,000/best offer. Liz 6-2235 days, 564-3372 eves.

FOR SALE: Beautiful bentwood rocker, with caned seat and back. \$50. 277-3694.

FOR SALE: Couch, light-green, (like new); antique chairs; trunk; antique drop-leaf mahogany table. 6-3214 days, 272-6086 evenings.

FOR SALE: 1977 Volkswagon bus, from California, no rust, runs excellent, tape deck, 9 passenger. 564-3427 or 6-2009 Tues, Wed and Thurs.

FOR SALE: 2 dressers, \$40, \$20; cartop carrier, (used once), \$40; cosmo stroller, \$50; table lamps, \$10. 272-3931.

FOR SALE: Desperate to sell: beautiful boy colt, 3 yrs, 16 hands, gentle, well-mannered, (willing to geld). \$1,200 negotiable. 564-9375.

FOR SALE: Spring beef calves (hybrid vigor) 3-4 months of age, \$200 each; yearling black Angus bull, \$250; yearling pinto pony filly, \$325. 564-9375.

FOR SALE: 1975 Olds Starfire, new battery, new exhaust system, rebuilt carburetor, new water pump, 4 extra mag rims, 2 extra regular rims, \$950 neg. Bernie 6-5257, 564-9375.

FOR SALE: 17 1/2" Cortina English saddle, exc. cond., \$150; 2 western saddles, \$100 each; assorted tack and stable blankets. 564-9375.

FOR SALE: OC-6 dozer, PTO, 3-pt. hitch, good cond., \$3,600 neg. Bernie 6-5257, 564-9375.

FOR SALE: 1978 Monte Carlo, loaded, excellent condition, must see to appreciate. 277-2484 anytime.

FOR SALE: Livingroom suite, 2 years old, Early American, must see, excellent condition, \$600 firm. 277-1193, Geri.

FOR SALE: Westinghouse refrigerator, and stove. Matched pair, avocado green. \$200 for both. Also, cast iron wood stove, \$65. Steve at 6-4157.

FOR SALE: 1983 Pontiac 1000, brown two door, 5 speed standard. Only 27,000 miles, asking \$3,900. 6-6541 days, 539-7522 evenings and weekends.

FOR SALE: Whirlpool gas range, 30"W, bronze color, \$150; in-dash am-fm car stereo component, \$25; in-dash 8-track component, \$15; never used oil pressure and amp gauges, \$8 each. Items (except stove) can be seen at Cornell. Jackie 6-3086 days.

WANTED: Good used single-bed mattress; old-fashioned hand well/water pump; good used scuba-diving equipment, men's large. Would be willing to "trade" for items in my "FOR SALE" ad (above) in this issue. Jackie 6-3086 days.

WANTED: A mule for riding and driving. 277-3694.

WANTED: Used small pickup truck with good mpg. 4WD would be nice. Little rust OK, but not falling apart or filled with bondo. Must be in excellent mechanical condition. Price must be reasonable. Linda, 6-4999, 277-5178.

WANTED: House and children-sitter from October 22 through November 22. Reliable with young family in Groton (12 miles to Cornell). Beautiful, spacious room. International students welcome. \$150/month including heat. Bus service available. 898-3271.

Vacant Seat On Hearing Board

The Office of the Assemblies is accepting applications for an employee to fill a vacant seat on the University Hearing Board. Apply at 165 Day Hall. Deadline is October 4, 1985.

Networking Deadlines

October 8 (October 17 issue)
October 22 (October 31 issue)
November 5 (November 14 issue)
November 26 (December 5 issue)
December 9 (December 19 issue)

High Blood Pressure Facts for You and Your Family

Blood Pressure - What is Yours?

High blood pressure is a serious disease. It is a leading cause of strokes, heart disease, kidney disease, and eye disorders. Approximately one out of five American adults have high blood pressure. Heart disease and strokes account for almost half of all deaths in New York State. Fortunately, if high blood pressure is detected early and managed properly, many deaths can be prevented. High blood pressure may be successfully treated and controlled. A variety of conditions or risk factors, both environmental and genetic, often contribute to the development of high blood pressure. Some of the risk factors are family history, race, obesity, improper nutrition, smoking, and unmanaged stress. Hypertension is another word for high blood pressure.

What is Blood Pressure?

Blood pressure is the force exerted against the walls of the arteries by the blood stream. The pressure against the artery wall when the blood is pumped from the heart is called the systolic pressure. The pressure against the artery wall when the heart is at rest or between beats is called diastolic pressure. Everyone has to have blood pressure to circulate the blood to the vital organs and muscles. Blood pressure fluctuates, and often rises during periods of exercise, nervousness, or excitement. However, if you have consistently elevated readings when blood pressure measurements are taken under normal, rested conditions, further medi-

cal evaluation should be done by your physician. If high blood pressure is diagnosed the physician will prescribe a treatment program. With treatment the blood pressure can be controlled, and you can lead a normal, active, healthy life.

How Do You Know If You Have High Blood Pressure?

The only way to tell if your blood pressure is high is to have it measured. High blood pressure usually has no symptoms. A good health habit is to have your blood pressure checked annually. Good health is an asset - protect it!

A partial schedule for open blood pressure screening clinics:

October 8, 1985 - Phillips Hall, Lounge - 10:00 am - 12:00 noon
October 10, 1985 - Hollister Hall, Room 310 - 9:00 am - 10:30 am
October 10, 1985 - Snee Hall, Room 1120 - 1:00 pm - 2:30 pm
October 15, 1985 - Ives Hall, Faculty Lounge - 1:00 pm - 4:00 pm
October 16, 1985 - Space Sciences Bldg., Room 415 - 1:00 pm - 3:00 pm
October 22, 1985 - Upson Hall, Lounge - 1:00 pm - 4:00 pm
October 28, 1985 - Sibley Hall, Room 211 - 12:00 noon - 3:00 pm
November 5, 1985 - Carpenter Hall, Conference Room - 8:30 am - 10:00 am
November 5, 1985 - Alumni House - 9:00 am - 12:00 noon

November 5, 1985 - Morrill Hall, Lounge - 1:00 pm - 4:00 pm

November 6, 1985 - Myron Taylor, Seminar Room 3 - 8:45 am - 12:00 noon

November 6, 1985 - Ward Laboratory, Room 118 - 1:00 pm - 2:30 pm

November 12, 1985 - Olin Library, Room 214 - 1:00 pm - 4:00 pm

November 13, 1985 - Wilson Laboratory, Conference Room - 8:30 am - 11:30 am

November 13, 1985 - Newman Laboratory - 1:00 pm - 3:00 pm

November 14, 1985 - Cornell Dining, Willard Straight, Memorial Room 8:30 am - 11:30 am

November 14, 1985 - Cornell Dining, North Campus, Dining Office - 2:00 pm - 4:00 pm

December 3, 1985 - Typewriter Division, Maple Ave. - 8:30 am - 10:30 am

December 4, 1984 - Statler Inn, 5th Floor, Taylor Room - 8:30 am - 12:00 noon

December 4, 1985 - Statler Hall - 1:00 pm - 3:00 pm

December 10, 1985 - Stocking Hall, Room 8 - 8:30 am - 12:00 noon

December 17, 1985 - 120 Maple Ave., Purchasing Conference Room - 8:30 am - 11:30 am

December 17, 1985 - Traffic Bureau - to be arranged

Sage House - to be arranged

Olin Hall - to be arranged