

Cornell Chronicle

Volume 17, Number 14

Thursday, December 12, 1985



Study spots around campus have been filling up regularly as students get ready for final exams, which begin today. For more pictures of this preparation period, see Pages 6 and 7.

Dean of Students Office Suspends Kappa Sigma Fraternity Privileges

The dean of students office has suspended all social privileges for Kappa Sigma fraternity, 600 University Ave., effective Dec. 6.

The fraternity, which was on probation for having served alcohol to minors last spring, violated the terms of its probation and New York State law by serving alcohol to a minor at a party Nov. 15, according to Janiece Bacon Oblak, assistant dean of students for fraternities and sororities.

In addition, Oblak said, a false fire alarm was turned in during the party and fraternity brothers were still displaying flammable and potentially life threatening decorations that they had been instructed earlier by Cornell Life Safety to remove.

"We came close to rescinding recognition of the fraternity," Oblak said. "We decided to issue a suspension of privileges in the hope of helping the fraternity members redirect their energies toward positive actions."

Suspension of privileges is the most serious form of disciplinary action that can be taken by Cornell short of rescission of recognition by the university, Oblak explained.

The suspension of privileges includes the extension of probation for an additional year and a prohibition on the serving of alcohol in the house for any event, Oblak said. Both measures will be in effect until May 23, 1987, the end of the spring semester.

The fraternity is prohibited from sponsoring any social events in the house or on other premises through May 24, 1986, the end of the spring 1986 term, she added.

Other conditions of the suspension include limits on the number of pledges; performing community service; greater involvement with alumni and members of the national fraternity; and the development of a better relationship with the university, Oblak said.

The suspension decision was made by David Drinkwater, dean of students; Oblak; Philip McPherson, assistant director of residence life; William Kaminski, manager of small residences; Peter Quinter, Interfraternity Council judicial administrator; and Jeffrey Lowe, IFC Hearing Board member.

Trustees Improve Faculty Communication Mechanism

Cornell trustees have taken steps to improve communication between themselves and members of the faculty.

Dean of the Faculty Joseph B. Bugliari will report to the board on a regular basis, according to the Executive Committee of the Cornell Board of Trustees, which met last Thursday in New York City. Bugliari's reports will be presented at the quarterly meetings of the full board, beginning in January.

In addition, President Frank Rhodes has recommended that faculty groups that have matters of urgency to raise with the board should meet with the Trustee-Community Communications Committee, which is chaired by Trustee Ezra Cornell.

Four people were named to the Student

Trustees Adopt Campus Public Order Regulations

The Executive Committee of the Board of Trustees last Thursday adopted revised Regulations for the Maintenance of Public Order.

The changes, part of Cornell's Campus Code of Conduct, will become effective Jan. 15, 1986.

The new regulations apply to students and faculty and staff members on the Ithaca campus. Students and employees of the Medical College in New York City are governed by separate rules.

Key revisions in the regulations, more commonly known as RMPO, create special trial and review boards to hear charges and appeals. The rules establish a graduated system of deterrent penalties, and provide for joint trials where a large number of persons are accused of the same violation.

Cornell administrators proposed a series of changes in RMPO during the summer after hundreds of pro-divestment demonstrators refused to leave Day Hall at its 5 p.m. closing, creating conditions in which "the physical capacity of the university's peace officers to respond to repeated mass disruptions was stretched to the limit," according to Walter J. Relihan Jr., university counsel.

The proposed changes were revised this fall after discussions among administrators, the University Assembly, Employee Assembly, Student Assembly, the Cornell Civil Liberties Union, the Executive Committee of the Faculty Council of Representatives, and others, Relihan said.

Originally, the Executive Committee of the university's Board of Trustees was ex-

pected to vote on the changes in September. Action on the changes was delayed to provide more time for campus discussion of the changes.

The revised set of changes create a hearing board of eight persons — three faculty members nominated by the dean of the faculty, and two students and two employees elected by the University Assembly. The eighth member is appointed by the president as a non-voting chairman.

A four-member review board, comprised of a non-voting chairman appointed by the president, a faculty member nominated by the dean of the faculty, and a student and an employee elected by the University Assembly, will hear appeals of hearing board rulings.

Previously, violations of RMPO were heard by a panel selected from a 16-member hearing board. These panels will continue to hear cases concerning violations of the campus code other than RMPO. Appeals were heard by a review board of three faculty members, three employees, and three students.

The new regulations include a graduated system of deterrence, under which a third violation within a one-year period requires suspension for the rest of the term and the next term, unless the hearing board concludes that a lesser penalty is more appropriate.

Copies of the new regulations are available for review at the Information Desk in Olin Library, the Office of University Relations at 120 Day Hall, and the assembly office at 165 Day Hall.

Cornell to Sell WHCU; Proceeds Support PAC

WHCU AM & FM, two of the nation's oldest radio stations, are being sold by Cornell University to Eagle Broadcasting Co. Inc., a new Ithaca-based group.

Transfer of the station licenses is expected in January 1986, pending Federal Communications Commission approval, according to William G. Herbster, senior vice president at Cornell.

The price tag on the stations is \$1.5 million. Proceeds from the sale will support the Performing Arts Center project in the College town section of Ithaca, Herbster said.

That project received the go-ahead from Cornell Trustees last week; construction on the project could begin in late February 1986. (See related story on page 3).

"The WHCU stations have played important and dynamic roles in the growth of Ithaca, Tompkins County, and the central New York region," he said. "Now, the university will be able to use the proceeds from the sale to support another Cornell effort of benefit to the university, the local community, and the region."

When the WHCU call letters ("We're the Home of Cornell University") were adopted in 1940, there were only a few stations in upstate New York.

"This area is now served well by many forms of broadcasting, both commercial and public, responding to a broad spectrum of tastes and needs. It is an appropriate time for the university to sell WHCU," he said.

In the early days, Herbster explained, the stations had a legitimate role in the univer-

ty's overall mission. "Over the years, though, the stations have become only marginally important to that mission," he said.

"Given existing academic and other priorities, which are more central to the university's mission, and the need to husband our capital, the university decided to seek a buyer," Herbster said. "The decision to sell the stations was triggered, in part, by the need to invest additional capital in order to expand the AM operation to a full-time basis, as recently approved by the FCC."

He said, "We determined that if we could find a responsible buyer at a reasonable price, we would let that investor provide the necessary funds to expand the operation and we would leave the broadcasting business entirely."

Herbster added, "We believe that we have found such an experienced, community-oriented owner/operator."

Kenneth Cowan, president of Eagle
Continued on Page 2

Publication Break

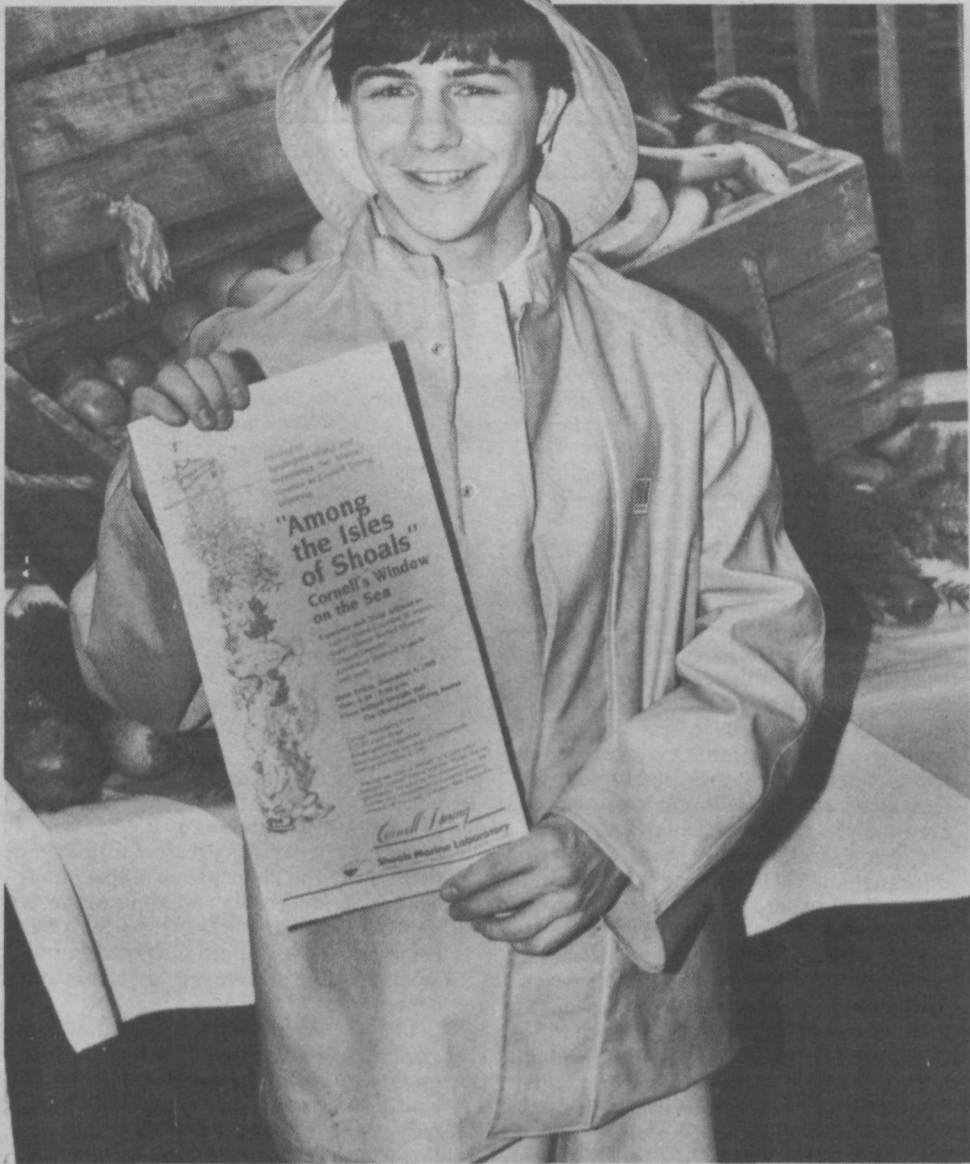
After the Chronicle next week, Dec. 19, there will be a two-week break in publication until it resumes Thursday, Jan. 9, 1986. Therefore, advance notices for any events taking place on campus between Dec. 19 and Jan. 9 should arrive at the Chronicle office by Friday, Dec. 13.

nology, and Society, and a former trustee; and Joseph Scantlebury, a former student trustee, now resident director of Ujamaa.

The Student Assembly has appointed two student members: Larry Frank, a senior in the College of Arts and Sciences, and Mary-Meliss Keib, a junior in the State College of Human Ecology.

Board legislation requires that the student committee include three current and/or former trustees, including at least one current or former student trustee, plus a faculty member who will be chairman of the committee.

Students interested in serving on the Board of Trustees may nominate themselves. All candidates must provide nominating petitions signed by at least 200 students.



Student dining supervisor James Dickey displays the menu that drew nearly 1,000 seafood lovers to Okenshields dining room last Friday for a banquet put on by Shoals Marine Laboratory and Cornell Dining.

Cornellian's Computer Program Aimed at Deer Population Control

By JOSEPH SCHWARTZ

A revolutionary computer program developed here will bring new precision — and cost reduction — to the management of whitetail deer populations.

Appropriately named "Deer CAMP," the program was designed by Aaron N. Moen, professor of wildlife ecology in the State College of Agriculture and Life Sciences. CAMP stands for "Computer-Assisted Management Program."

Moen, a nationally-known expert on whitetail deer, developed the program for wildlife managers, although he expects many other people will find it useful.

"It is targeted for wildlife biologists and wildlife managers, but I expect farmers, orchardists, and sportsmen's groups to be interested, also," Moen says. "The Deer CAMP program will be available to anyone who wishes to purchase it."

Moen's program will be especially useful in areas where there is a high potential for deer damage to farmlands and orchards.

"Using the Deer CAMP program, you can evaluate what will happen to the deer population itself. If we let the deer populations get out of control, the potential for deer damage is very high. Proper management of deer populations is important, because, in three or four years, a deer population can double if it is not hunted," Moen explains.

Moen's program differs from other computer-aided wildlife management systems in that it relies on physiological characteristics

of deer and the relations of deer to their habitat.

"The equations in this program are based on the biology of deer and their relationship to their range," Moen says.

Moen developed the program with the assistance of C. W. Severinghaus, a retired biologist with the New York State Department of Environmental Conservation, and Ronald A. Moen, a graduate student at the University of Minnesota.

Typical land-use conflicts caused by oversized deer herds include damage to orchards or other agricultural crops and high rates of car-deer collisions.

Moen says that his deer management program works much like a financial analyst, who, by looking at a person's financial records, can accurately determine factors such as a person's income range and lifestyle.

An important feature of Moen's program is that it enables interested persons — whether they be professional wildlife managers or laymen — to learn a great deal about deer population dynamics.

"People who don't know anything about deer populations would begin learning about population dynamics as soon as they start running the program in a computer," Moen says.

Another advantage to the wildlife manager is that the program reduces the time and manpower needed to assess accurately the whitetail deer management needs of a particular habitat.

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

Stealing Evergreen Trees Doubly Illegal This Year

Stealing evergreens for Christmas decorations and then displaying them in a public place is doubly illegal on campus.

In addition to being subject to larceny charges, tree thieves will be also in violation of the state fire code if they display their ill-gotten symbols of "giving and good will" in public places such as dormitories, offices, academic buildings, and fraternities.

According to the fire code, vegetation and other combustible materials may not be displayed "in spaces of public assembly." Prohibited materials include bunting, cotton batting, textiles, plastics, straw, paper, and excelsior.

The code will be strictly enforced this year, according to an announcement by Edward M. Olmstead Jr., fire chief of the City of Ithaca.

Any combustible decorations displayed in public places on campus will be ordered removed immediately, said Alexander L. McCord, manager of Life Safety Services and Insurance. Refusal to comply will result in referrals to the university's judicial administrator and possibly a summons to appear in Ithaca City Court.

The charge is a misdemeanor and subject to fines of up to \$250 and or six months in jail.

The first tree theft of the season took place Tuesday night, Dec. 2, at the Cornell University Golf Course. A 12-foot Colorado blue spruce worth \$600 was cut down and stolen — a grand larceny offense — from the 11th hole, according to grounds keeper Richard Deibert.

He said he had not yet painted all the most attractive trees on the course with a special pink solution. Called "ugly mix," the concoction has served as a deterrent to such thieves over the past several years at the course and the Cornell Plantations, where the mix was developed.

In the past rare evergreens worth as much as \$3,000 have been stolen from the Plantations.

With the enforcement of the fire code, officials will have an added means of spotting stolen trees close-up, said Lt. Theodore Pless, manager of crime prevention, Cornell Department of Public Safety.

He asked that persons aware of trees they suspect may have been unlawfully removed from Cornell and nearby private property notify Cornell Safety at 256-1111 or the appropriate law enforcement agency for the area concerned. All information will be kept strictly confidential, Pless said.

WHCU

Continued from Page 1

Broadcasting Co., said he and his family will move to Ithaca when FCC approval is received. The first project he will undertake, he said, is to construct a new transmitting facility so that WHCU-AM can begin 24-hour broadcasting, beginning in fall 1986.

One condition of his group's purchase offer for the stations was that Cornell would permit the new owners to retain the call letters, WHCU.

Cowan said he is eager to sustain the character of the stations, and that no wholesale changes in the operation are planned. For example, he said that WHCU would continue its long-standing commitment to programming oriented to the minority community.

Cowan, who has more than 30 years experience in broadcasting, is joined in Eagle Broadcasting by some Cornellians and former Ithacans, including Barrie Sommerfield (AB 1950), Manley H. Thaler (AB 1950 and LLB 1953), and Cowan's brother, Charles, a cardiologist in Redlands, Calif.

Cowan, who worked for RKO General in New York City, established Media Horizons in the 1970s; that firm owned five AM and four FM stations in Phoenix, Albuquerque, and El Paso, and in Newburgh, N.Y., and Dover, N.J. In 1976, he became executive vice president of KIFM in San Diego; four years later, he bought KZTR-FM in Ventura, Calif.

WHCU had its beginnings in 1915 as experimental station 8YC, operated by the School of Electrical Engineering at Cornell. In January 1923, the station was granted an AM license as WEAI (standing for "We Ed-

ucate And Instruct"). Over the years, the stations have won several awards for excellence in programming, including Sigma Delta Chi, Peabody, DuPont, New York State Broadcasters, UPI, and AP awards.

"There are many people to thank for their contributions to the success and acceptance of the station from its infancy through six decades," Herbster said. "In particular, we want to express our appreciation to general manager Rudy Paolangel and the staff of WHCU AM & FM."

WHCU-AM (870 kHz), a daytime station with 5,000 watts of power, recently marked its 50th anniversary as a CBS network affiliate.

The FM station (97.3 MHz), which operates from 5 a.m. to 2 a.m. weekdays and 24 hours a day on weekends, went on the air in 1947.

WHCU-AM's format is middle-of-the-road music, news, and special programs. WHCU-FM has a classical music and minority programming format.

The stations have 18 full-time and 13 part-time employees; the studios and offices are located at 216 The Ithaca Commons, with transmitter atop Mt. Pleasant.

Group to Recommend Director For Profs-at-Large Program

A three-member committee of emeritus professors will make recommendations to President Frank Rhodes by early January for the appointment of a new director of the Andrew B. White Professors-at-Large Program.

The current chair, Jon H. Stallworthy, the John Wendell Anderson Professor of English, is leaving Cornell in June to take a faculty position at Oxford University.

The new chair will take office July 1, 1986, according to Alison P. Casarett, dean of the graduate school.

Casarett said she will forward the committee's recommendations — which will be based on nominations made this fall by the faculty — to President Rhodes. He will make the appointment subject to the approval of the Board of Trustees.

Serving on the committee of emeritus professors are Byron W. Saunders, operations research and industrial engineering and chair of the committee; Milton R. Konvitz, industrial and labor relations; and Chester H. Freeman, communication arts.

The Board of Trustees established the professor-at-large program in 1965 to bring to campus individuals who have achieved outstanding international distinction in the humanities, the natural or social sciences, the learned professions, literature, public affairs, and the creative arts. A.D. White pro-

fessors hold six-year terms and are full members of the Cornell faculty during periodic visits to campus of a week or more.

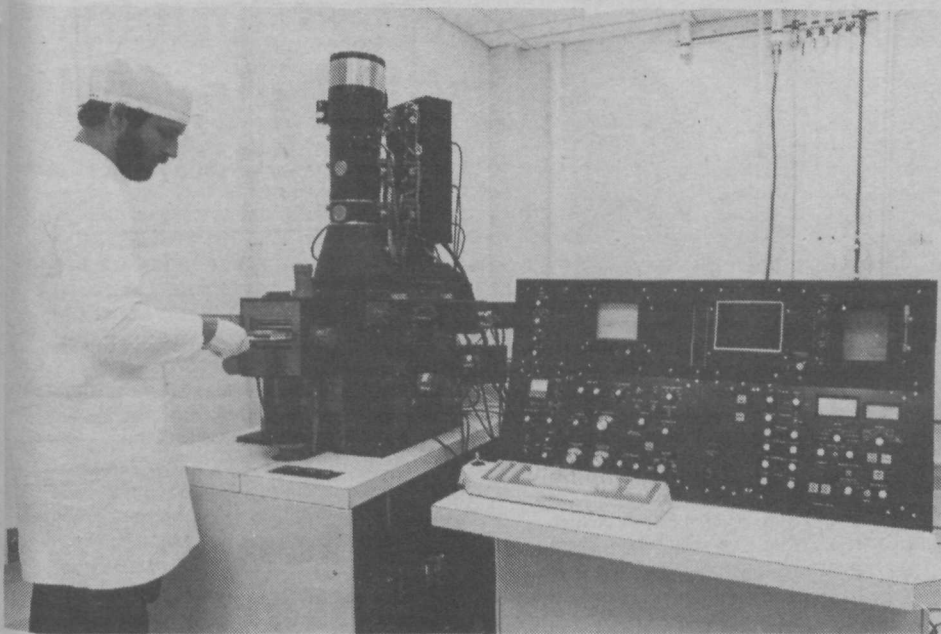
Two Officers Face Burglary Charges

Two patrol officers here have been charged with third-degree burglary by Cornell Public Safety.

Kevin Rankin, 27, and John Powers, 30, were arraigned at 5 a.m. Tuesday, by Town of Ithaca Justice Warren Bly. They were released on their own recognizance on the recommendation of the Tompkins County district attorney. Rankin and Powers were arraigned in Ithaca City Court Wednesday.

According to Cornell Public Safety Lt. Randall Hausner, the pair resigned after being charged. Rankin has been a patrol officer since 1981, and Powers since 1977.

No additional information on the case is being released, Hausner said. The investigation, which was initiated by the Cornell Department of Public Safety, is continuing.



Submicron Facility staff member Richard Tiberio operates electron-beam lithography equipment that produced part of the fastest switch ever built.

Cornell and AT&T Scientists Build Fastest Semiconductor

Scientists from AT&T Bell Laboratories and Cornell have built the fastest semiconductor device ever demonstrated, a switch capable of turning an electronic signal on and off in 5.8 picoseconds (5.8 trillionths of a second).

Made of gallium arsenide and aluminum gallium arsenide "doped" with impurities, the device combines ring oscillators and frequency dividers. The previous switching record for such devices was 8.5 picoseconds.

In the time the new device takes to open or close, light — traveling at 186,282 miles per second — would travel only one-sixteenth of an inch. The technology is expected to be useful in communications equipment, microprocessors, and computer memories.

One such application is in satellite communications, where high-speed amplification is required, according to Edward D. Wolf, director of the National Research and Resource Facility for Submicron Structures at Cornell. "This is a significant step in an evolutionary process to provide higher bandwidths and higher frequencies for advanced microelectronics," Wolf said.

"At Cornell we're beginning to use a term, 'nanoelectronics,' a word we anticipate will be more descriptive of advanced microelectronics by the end of the century," Wolf added. "Nanometer (a billionth of a meter) is replacing micrometer (millionth of a meter) as the measure of the smallest components in advanced microcircuits, in this particular case, the gate length and thickness of the doped layers in the ring oscillator."

The scientists who produced the device are Nitin J. Shah, Shin-Shem Pei, and Charles W. Tu of Bell Laboratories, and Richard C. Tiberio, a member of the staff at the National Research and Resource Facility for Submicron Structures at Cornell. The work was supported by the National Science Foundation and the Air Force Wright-Aeronautical Laboratory.

The device was designed and fabricated by the Heterostructure Integrated Circuits Group at Bell Laboratories. The critical submicron gate level lithography was performed at Cornell's submicron facility.

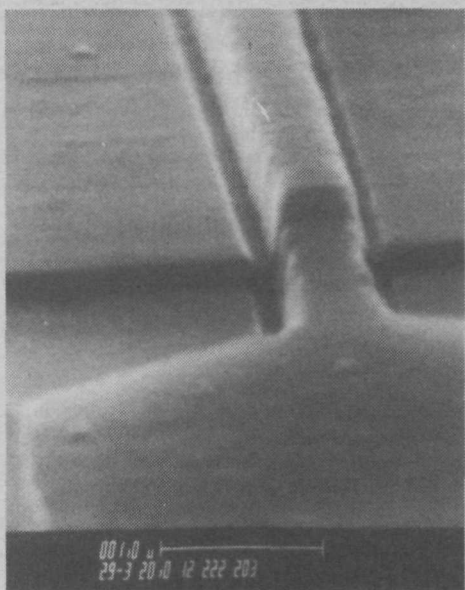
The submicron facility is an NSF-funded national research laboratory that is available to qualified personnel for collaborative experiments in submicron science and technology. The laboratory produces circuit features smaller than one micron — one millionth of a meter, or about one-fiftieth the diameter of a human hair.

Wolf said the components for the new device were fabricated using direct-write scanning electron beam lithography.

Circuit components in the record-breaking switch are as small as one-third of a micron. By combining submicron technology and exceptionally high quality control of materials, the scientists have shown that features of that size can be integrated with larger elements to create ultra high-speed circuits.

This work rivals a competing technology, superconducting Josephson junctions, which requires the super-cooled environment of liquid helium (4.2 degrees Kelvin, or 459.69 degrees below zero on the Fahrenheit scale) to operate. The new device achieved the 5.8 picosecond record at the temperature of liquid nitrogen (77 degrees Kelvin). At room temperature (300 degrees Kelvin), the switch operated at a near-record of 10.2 picoseconds.

"A competitive technology for the future



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 Appgar, 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

E.A.R.S.

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 256-7669 for details

Sponsored Programs

All proposals that must be submitted before the Christmas holidays must be in the Office of Sponsored Programs by Friday, Dec. 13.

Every Thursday

Goldwin Smith Kaufmann Auditorium, 5 p.m. Cornell Coalition for Divestment general meeting. All welcome.

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.

Holiday Bake Sale

A Holiday Bake Sale will be held Saturday, Dec. 14, starting at 10 a.m. and running until 5 p.m. at the Garden Gift Shop, located in the Cornell Plantations headquarters building adjacent to the Robison York State Herb Garden. From Rt. 366 or Tower Road, take Judd Falls Road north and follow the signs to the Cornell Plantations.

Alternatives Library

Hear Stephen Gaskin, founder of The Farm, speak on soul and spirit, confidence and other issues. Cassettes of his 1973 tour are on loan at the Alternatives Library, Anabel Taylor Hall. Free and open to the community.

Music Practice Rooms

Additional hours will be available for Music Practice Rooms in Lincoln Hall on Friday, Saturday, and Sunday. Sign up in the Music Department Office, Room 125.

Cornell Campus Club

All members of the Cornell Campus Club are reminded of the annual Christmas Tea at the home of Mrs. Frank H.T. Rhodes, 603 Cayuga Heights Road, on Thursday, Dec. 12 from 2 to 4 p.m. Car pools are recommended because parking is limited. This tea is for members only.

Handel's Messiah

Open reading of Handel's Messiah will be held Saturday, Dec. 14 at 8 p.m. in the Risley College Dining Hall. Scores provided, instrumentalists should bring a music stand. Refreshments will be served. For more information call 256-0651.

Cornell Dairy Store

Holiday Schedule: Dec. 24: 8 am-5 pm; Dec. 25 & 26: closed; Dec. 27-31: 8 am-5 pm; Jan. 1: closed; Jan. 2, regular store hours resume: 8 am-6 pm. Location: Stocking Hall at the intersection of Tower & Judd Falls Road. Phone: 256-3272.

Dance

Cornell Jitterbug Club

The Cornell Jitterbug Club meets every Wednesday, 7:30-9:30 p.m. in Anabel Taylor Edwards Room. Instruction given. For more information call Jim at 256-5034 or 257-4692.

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.

Jazz Exercise

Adult Jazz Exercise Dance Class. Tuesdays and on Thursdays, 7-8 p.m. Call 256-4231 mornings, or 257-5677 for further information.

Cornell Folkdancers Holiday Party

Everyone is invited to a dish-to-pass dinner, followed by dancing and other entertainment given by the Cornell Folkdancers in Moakley House on Saturday, Dec. 14 at 6 p.m. For more information call 257-3156.

Exhibits

Herbert F. Johnson Museum

"Twenty Years of Expressionist Graphics: 1905-1925" through Dec. 22. "Two Alumni Collections of Modern Art" through Dec. 22. "Ideal Mechanics" Dec. 14 through Feb. 16. Expanding Cinema, a joint program of Cornell Cinema and the Johnson Museum offers free films and videos in the museum's lecture room Sundays at 2 p.m. Sunday, Dec. 15, "Waiting for the Invasion: U.S. Citizens in Nicaragua" American citizens in Nicaragua divided over a possible U.S. invasion; "Women of Steel" women who fought hard for jobs in Mon Valley's steel industry; "100 Years War: Personal Notes, Part I" personal video odyssey of conscience into the June '82 Israeli invasion of Lebanon; "Mosquitos and High Water" video portrait of Spanish descendants in Louisiana; "Evita: A Video Scrapbook" explores Evita Peron's power cult.

Films

Unless otherwise noted films are sponsored by Cornell Cinema.

Thursday

Dec. 12, 8 p.m. *Uris Hall Auditorium. "National Lampoon's Vacation" (1983), directed by Harold Ramis with Chevy Chase, Beverly D'Angelo, and Christie Brinkley.

Friday

Dec. 13, 10 p.m. *Uris Hall Auditorium. "Lost in America" (1984), directed by Albert Brooks, with Albert Brooks and Julie Hagerty.

Dec. 13, midnight *Uris Hall Auditorium. "Gremlins" (1984), directed by Joe Dante with Phoebe Cates and Zach Galligan.

Fri. & Sat.

Dec. 13 & 14, 8 p.m. *Anabel Taylor Auditorium. "Diva" (1982), directed by Jean-Jacques Beineix with Frederic Andrei, Roland Bertin, and Wilhemina Fernandez.

Saturday

Dec. 14, 7:30 & 12 p.m. *Uris Hall Auditorium. "Gremlins" (1984), directed by Joe Dante with Phoebe Cates and Zach Galligan /

Dec. 14, 9:45 p.m. *Uris Hall Auditorium. "Lost in America."

Sunday

Dec. 15, 2 p.m. *Uris Hall Auditorium. "Dr. Doolittle" (1967), directed by Richard Fleischer with Rex Harrison and Anthony Newley. Co-sponsored with the Ithaca Youth Bureau.

Dec. 15, 2 p.m. Johnson Museum Lecture Room. Global Village Documentary Festival: Program Three. Co-sponsored with CCPA.

Dec. 15, 8 p.m. *Uris Hall Auditorium. "King Kong" (uncut version) (1933), directed by Walter Daniels with Fay Wray and Bruce Cabot. Shown with "A Trip to the Moon."

Monday

Dec. 16, 8 p.m. *Uris Hall Auditorium. "Beauty and the Beast" (La Belle et la Bete) (1946), directed by Jean Cocteau with Jean Marais and Juliette Gray.

Tuesday

Dec. 17, 8 p.m. *Uris Hall Auditorium. "Creature from the Black Lagoon" (1954), directed by Jack Arnold, with Richard Carlsen and Julie Adams.

Wednesday

Dec. 18, 8 p.m. *Uris Hall Auditorium. "Fantastic Voyage" (1966), directed by Richard Fleischer with Stephen Boyd, Arthur Kennedy and Raquel Welch.

Thursday

Dec. 19, 8 p.m. *Uris Hall Auditorium. "The Exorcist" (1974), directed by William Friedkin with Ellen Burstyn and Linda Blair.

Lectures

Thursday

Dec. 12, 7:30 p.m. Goldwin Smith 156. "Strategies Against Oppression." Open discussion-Perspectives for Cornell. Sponsored by Education Against Oppression Committee.

Wednesday

Jan. 8, 3 p.m. James Law Auditorium. Second lecture in the 1985-86 James Law Distinguished Lecturer Series: "Retrovirus Infections in Domestic Animals," Bruce R. Madewell, V.M.D., M.S., Professor of Veterinary Surgery, University of California at Davis and recent recipient of a Fulbright Scholarship.

Music

Every Sunday

Anabel Taylor Edwards Room, 9 a.m. Sing with the "Makhela: Hebrew Choir."

Saturday

Dec. 14, 8 p.m. Anabel Taylor Chapel. The Whiton Chorale and Ithaca Children's Choir will present a joint concert. The program will include works by J.S. Bach, Mozart, Victoria, Billings, and others. For more information, call Eric Klasken at 257-3863 or 256-5529.

Sunday

Dec. 22, 8-11 p.m. Bound for Glory on WVBR FM 93. Records from the Studio-special Christmas show.

Sundays

Dec. 29, Jan. 5, 12, 19, 8-11 p.m. Bound for Glory on WVBR FM 93. Records from the Studio.

Religious Services

Catholic

Every Saturday, 5:00 p.m. Anabel Taylor Auditorium. Mass. No Saturday Mass on January 4. Every Sunday, 9:30, 11 a.m., 5 p.m. Anabel Taylor Auditorium. Mass. From Dec. 22 to Jan. 19 inclusive, Mass will be only at 10 a.m.

Mon.-Fri., 12:15 p.m. Anabel Taylor chapel. Daily Mass. There will be no daily Masses from Dec. 24 to January 17. Mass will resume Jan. 20.

Christmas Masses

Christmas Eve, 5 p.m. Anabel Taylor Auditorium. Christmas Midnight Mass Anabel Taylor Chapel. Caroling begins at 11:30 p.m. Dec. 24.

Wednesday

Jan. 1, 10 a.m. Anabel Taylor Auditorium. Holyday 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, 5:30 p.m. Anabel Taylor Founders Room. Shabbat Services (Conservative/Egalitarian).

Every Friday, 5:30 p.m. Anabel Taylor Chapel. Shabbat Services (Reform).

Every Friday, 5:30 p.m. Young Israel House, 106 West Ave. Shabbat Services (Orthodox).

Every Saturday, 9:15 a.m. Anabel Taylor Edwards 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.

Sunday

Dec. 15, 11 a.m. Sage Chapel. Preacher: John Forni, University Catholic Chaplain.

Dec. 22-Jan. 19. No Sage Chapel Services. University Recess.

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.

Animal Science: "Animal Welfare: A Positive Approach," Dr. Stanley E. Curtis, Department of Animal Science, University of Illinois, 10:10 a.m. Friday, Dec. 13, 348 Morrison.

Boyce Thompson Institute: "The Role of an Oviposition Deterrent Pheromone in Egg Dispersal by Pieris Brassicae Butterflies," L. M. Schoonhoven, Agricultural University, Wageningen, The Netherlands, 3:15 p.m. Tuesday, Dec. 17, BTI Auditorium.

Microbiology: "Studies of B-Lactamase Excretion by E. coli," Dr. David B. Wilson, Section of Biochemistry, Department of Molecular and Cellular Biology, Cornell, 4:30 p.m. Thursday, Dec. 12, 124 Stocking.

Pharmacology: "Modulation of Ion Channels in Pituitary Cells," Gerry S. Oxford, Department of Physiology, University of North Carolina. 4:30 p.m. Monday, Dec. 16, Pharmacology Library, (D101-L Schurman Hall).

Plasma Studies: "Achieving Ignition in Tokamaks," Dr. Ronald Parker, MIT, 4:30 p.m. Wednesday, Dec. 18, 282 Grumman.

Sports

Saturday

Jan. 4, 7:30 p.m. *Barton Hall. Men's Basketball-Hamilton.

Monday

Jan. 6, 12 p.m. Helen Newman. Women's Swimming-Princeton.

Jan. 6, 7:30 p.m. *Barton Hall. Men's Basketball-Niagara.

Wednesday

Jan. 8, 7:30 p.m. Lynah Rink. Women's Hockey-Colgate.

Friday

Jan. 10, 6:30 p.m. Barton Hall. Women's Basketball-St. Francis.

Jan. 10, 8:30 p.m. *Lynah Rink. Men's Hockey-RPI.

Saturday

Jan. 11, 12 p.m. Teagle. Men's Fencing-Prince-

ton and Army.

Jan. 11, 12 p.m. Teagle. Women's Fencing-Princeton and Army.

Jan. 11, 1 p.m. Teagle. Men's Gymnastics-Kent State. Basketball-Columbia.

Jan. 11, 8:30 p.m. *Lynah Rink. Men's Hockey-Vermont.

Barton Blotter

An estimated \$10,000 in damage was done to Tjaden Hall sometime Thursday of last week, according to the morning reports of the Department of Public Safety. Graffiti was spray painted over the walls of stairways and on the walls of rooms on the second and third floors of the building which houses the Department of Art.

Ten of 16 thefts on campus recorded in the reports which cover the period Dec. 2 through Dec. 8 involved cash amounting to \$631. Most of the thefts were from offices and academic buildings, and included \$100 in Canadian money taken from a purse in Baker Laboratory.

Among the other cash thefts were \$90 taken from McGraw Hall, \$53.52 from Caldwell Hall, \$62 from Statler Hall, and \$100 from Phi Kappa Psi fraternity.

A total of \$2,216 in cash and valuables were reported stolen during the seven-day period. Stolen property included a \$372 computer disc drive, a \$150 pearl pin, and a \$95 portable cassette player.

Six persons were referred to the Judicial Administrator on charges of altering parking permits, disorderly conduct, criminal mischief, possessing stolen property, and stealing a parking permit.

Seven people charged with criminal trespass for remaining in Day Hall after closing time were on trial in Ithaca City Court starting Monday of this week. The trial continued into Wednesday.

Graduate Bulletin

January 17, 1986 is the deadline for a January degree. There will be no exceptions granted.

University registration will be at Barton Hall on Friday, Jan. 24, 1985 from 8:00 to 11:30 a.m. and 1:00 to 4:00 p.m.

For more information on the fellowships listed below contact the Graduate School Fellowship office or your graduate faculty representative.

DECEMBER 31, 1985—The National Foundation for Jewish Culture Doctoral Dissertation Fellowship. Grants are available to students preparing for the doctoral degree in a field of Jewish studies or a field in which the dissertation is integrally related to Jewish community life or institutions. The purpose of the grant is to enable the completion of work on the dissertation. The amounts of the grants will be determined on the basis of individual requirements. Eligibility is limited to citizens of the United States.

DECEMBER 31, 1985—Garden Club of America Awards in Tropical Botany. Two \$5,000 awards are offered to assist with fieldwork in the area of tropical botany for graduate students as part of their doctoral dissertation research. Awards are made on a competitive basis. U.S. citizenship is not a requirement. Added merit would be found in a proposal demonstrating long-term commitment to conservation of tropical forests and intend to work in that area.

DECEMBER 31, 1985—Zonta International Amelia Earhart Fellowship Awards. For women who possess a superior academic record, career goals and evidence of potential. Grants for graduate study in the amount of \$5,000 in aerospace-related science or engineering.

JANUARY 1, 1986—Business and Professional Women's Clubs, Sally Butler Memorial Fund for Latina Research. One to seven awards, in amounts from \$500 to \$3,000, to assist women scholars of Latin American descent or citizenship at crucial points in their careers in the areas of economic and employment issues and issues of concern to Latinas. Grants are made directly to the award recipient.

JANUARY 1, 1986—Business and Professional Women's Clubs, Lena Lake Forrest Fellowships/BPWF Research Grants. One to seven awards, from \$500 to \$3,000, (average is \$2,000) to fund men and women engaged in contemporary and historical research in the U.S. on economic issues of importance to today's working women. Applicants must be U.S. citizens. Fellowship support is for direct research costs and applicants may request any level of funding between \$500 and \$3000. Grants are made directly to the award recipient.

JANUARY 1, 1986—American Congress on Surveying and Mapping and American Society of Photogrammetry and Remote Sensing. A variety of fellowships and scholarships are available in amounts from \$500 to \$4,000. See notice in Fellowship Notebook for additional information.

Administrative Responsibilities Are Modified

Administrative changes being made at Cornell University over the next six months will streamline non-academic support operations and provide more user-oriented services to the campus community, according to Senior Vice President William G. Herbster.

The Executive Committee of the Board of Trustees has reviewed the changes, which included the following:

— Effective this month, the management responsibility for Cornell Research Park and for the real estate and insurance operations is being transferred from the vice president for facilities and business operations to the vice president and treasurer.

— Also this month, Harold D. Craft, who has been responsible for the university's telecommunications operations, will have expanded responsibility for a broad group of functions in addition to his existing duties. He will continue to report to Vice President Robert M. Matyas.

Facilities operations, including facilities engineering, maintenance service operations, utilities, care of buildings and grounds, purchasing, general services, travel, graphic arts, laundry, and office equipment operations will report to Craft.

Craft will be responsible for the day-to-day management of these operations and will also direct efforts to enhance user awareness of services, to curtail overhead costs, to define and ensure maintenance of quality standards, and to improve productivity. Craft has been designated as associate vice president in light of his broadened responsibilities.

Herbster explained that this administrative change will make it possible for Matyas to devote a major portion of his efforts to "the very sizable number of major construction, renovation, and similar projects" under way and on the drawing board.

"We are facing a staggering number of large, sophisticated, and costly projects as the university attempts to provide an appropriate environment for teaching, research, housing, and other facilities needed to retain our place as a leading university," Herbster added.

— Effective with the arrival in January of John F. Burness, who succeeds David L. Call as vice president for university relations, responsibility for the purchasing of printing will be shifted from the Division of Facilities and Business Operations.

— In early 1986, the marketing and donor relations functions of the University Trust Office will be transferred to the Office of Public Affairs from the vice president and treasurer.

Each of these moves is intended to increase the efficiency and effectiveness of non-academic services, Herbster said.

Credit Missing

Some italicized type was inadvertently dropped from a page in Chronicle last week that noted that an article on the McGraw tower was originally written for the Cornell Countryman. Author of the piece was Jan Alane Wysocki '85.



During a memorial dedication ceremony Sunday at the Herbert F. Johnson Museum of Art, a special memorial plaque was presented in recognition of Alpha Phi Alpha fraternity, the first Greek letter fraternity in the nation founded predominantly for college-educated black men, which began here in 1906. From left are Laushon Burnett, William Collins, James Blanton III, Dean of Students David Drinkwater, Le Norman Strong, Keith Shoates and Donald Johnson.

Industrial Waste Buried in Landfills Terribly Wasteful, Has Great Potential for Agriculture, Researcher Says

Dumping most industrial wastes into landfills is like tearing up wads of money and burying it. So says a Cornell University engineer who is finding new, lucrative markets for industrial residues.

Each year in the United States, millions of tons of potentially useful products — worth perhaps millions of dollars — are being wasted when they are carted away to landfills.

"Those are all missed economic opportunities," said Lewis M. Naylor, a senior research associate in agricultural engineering in the State College of Agriculture and Life Sciences at Cornell.

Naylor shows industries how to turn their costly waste disposal problems into profitable by-product operations. His work has convinced him that, in most cases, it is a waste to throw away industrial refuse — unless those substances contain materials that are environmentally hazardous.

"Americans don't like to deal with waste," Naylor said. "But with a little creative thinking, many waste products can be used safely with little alteration."

Naylor has been successful in finding ways to market waste products ranging from a pharmaceutical firm's organic waste to kiln dust from a cement plant.

"Industrial wastes, especially those from agriculture-related industries, contain nutrients that can be recycled beneficially for agricultural production," he said.

...

Such "waste products" contain nitrogen, phosphorus, potassium, and lime, all of which are essential to agricultural crops. Many of these elements, however, can cause

pollution problems, especially in aquatic systems, and it is important to recognize those dangers, Naylor said. However, these elements, if used properly, can be utilized as fertilizers for crops.

For example, the Saratoga Race Track asked Naylor to find a way to make use of the mountains of horse manure collected from its stables and the dirt that is routinely scraped from the track during pre-race grooming.

Today, a mixture of composted manure and track scrapings is used in potting soil in municipal planters in downtown Albany, thanks to a study conducted by Naylor.

"We ended up growing some beautiful

mums," Naylor said with pride.

In his own office, Naylor has several plants growing in media obtained from waste products. He even uses cardboard milk containers instead of clay pots for his plants.

"You have to look at waste creatively," he said.

Scientists, planners, and engineers place too much emphasis on problems associated with waste management, he says.

"Engineers should look ahead to solutions with the same energy that they are putting into understanding the problems. We've really got to look ahead to safe, manageable solutions to industrial waste problems."

Frank J. Kavanagh

Frank J. Kavanagh, who was head athletic trainer for Cornell from 1937 until his retirement in 1966, died Tuesday, Dec. 10, 1985, in Tompkins Community Hospital.

He is survived by his wife, Pauline Mahon Kavanagh of Ithaca; a brother, Joseph

Kavanagh of County Cork, Ireland, and several nieces.

A Mass of Christian Burial will be at 11 a.m. Friday at Immaculate Conception Church. Burial will be in Calvary Cemetery.

Award Established Here to Honor Humanitarian Effort by Student

An award has been established to honor outstanding humanitarian effort by a Cornell undergraduate.

Financing for the award has been provided by two Cornell alumni, Gerald Robinson and Robert Appel, with the Dean of Students Office to select a committee to screen and select the winner. The committee will be made up of faculty, student, staff, alumni and members of the philanthropic community.

Dean of Students David Drinkwater said committee members will begin soliciting and receiving nominations early in the spring semester, with the award to be presented at a dinner in April.

Drinkwater said that because those engaged in humanitarian efforts often are re-

luctant to receive financial benefit from their efforts, the donors will make it possible for the recipient to designate a program to receive the \$1,500 that goes with the award if he or she wishes, or if the committee decides that the financial need of the recipient warrants it, all or part of the money may go to the winner.

Drinkwater said, "Few people nowadays seem interested in formally recognizing and encouraging effective humanitarian effort — even though young people are clearly interested. It is very rewarding to find two people who are clearly committed to changing the visibility of voluntarism in this way."

More information about the award is available from Drinkwater.

CIVITAS

We've had another successful semester in the CIVITAS office and wish to thank the 300 or so wonderful people who came in to share their time and energy with other less fortunate Ithacans. This expression of caring helps make our community a pretty special place, both our community here on campus and the community off the hill.

What did all these volunteers do? On campus, many helped foreign students and their spouses improve their English and in exchange learned a variety of other languages. A few worked with children in the University Cooperative Nursery School and with handicapped students.

Off campus, the most popular activities were those involving young people. Volunteers are drawn to tutoring high school students, a job they can fit easily into their schedule and perform on

campus. Working with kids in organizations providing day care, after-school activities or big brother/big sister relationships also attract many volunteers. Working in the Emergency Room at the hospital remains the popular choice of many students as do other health-related opportunities.

The needs of the elderly and mentally disabled living alone and in residences and nursing homes were also answered by our volunteers. Finally, we welcomed several groups of students who needed help in finding a community service project they could carry out together.

We hope volunteering turned out to be rewarding and fun. We encourage anyone expecting to be around in January with time to spare and the desire to do something interestingly different to come in and get ideas for volunteering between semesters.

HAPPY HOLIDAYS,
Mary McGinnis

Judicial Administrator Case Summaries, November 1985

The Office of the Judicial Administrator reports the following case summaries for November, 1985. The abbreviations used are WR for written reprimand, CS for community service, rest. for restitution and susp. for suspended. The number of defendants in each case is one unless otherwise specified.

Theft of food from Coop Dining: WR; 30 hrs CS, \$4.15 rest.

Assisting another student in an attempt to obtain food illegally from Coop Dining: WR; 25 hrs CS.

Refusal to comply with the lawful order of a Univ. official: WR, 8 hrs. CS susp.

Theft of property belonging to the Univ.: WR; 40 hrs CS.

Misuse of a Univ. ID card: WR, 15 hrs CS & \$11.40 rest.

Possession of a stolen Univ. K parking permit & use of same: WR; 30 hrs CS.

Breaking a window in Noyes Center: WR; 20 hrs CS w/10 susp. \$104.46 rest.

Endangering persons and property by lighting a bottle rocket: WR, 40 hrs CS.

Supplying alcohol to a minor: WR; 20 hrs CS.

Furnishing false information to the Univ. with intent to deceive: WR; 10 hrs CS.

Possession of a library book which he was attempting to take from Olin Library: WR; 25 hrs CS.

Furnishing false information to the Univ.: WR; 30 hrs CS.

Theft of food from Willard Straight Dining: WR; 7 hrs CS or \$23.

Possession of stolen street signs which belong to Cornell Univ.: WR, 25 hrs CS (2 defendants).

Alteration of a Univ. parking permit: WR; 15 hrs CS susp. (3 defendants).

Alteration of a Univ. parking permit: WR; 15 hrs CS susp. & \$8.50 rest.

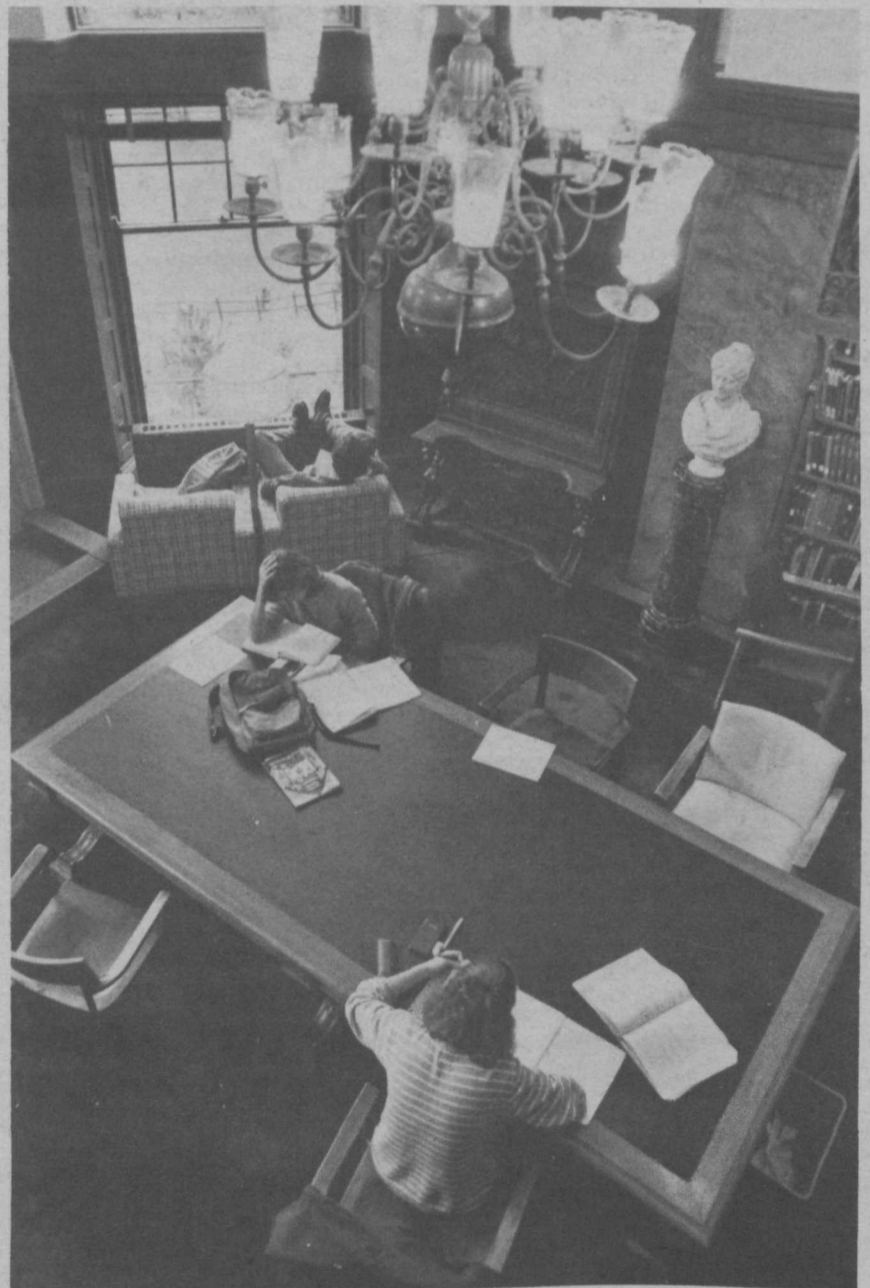
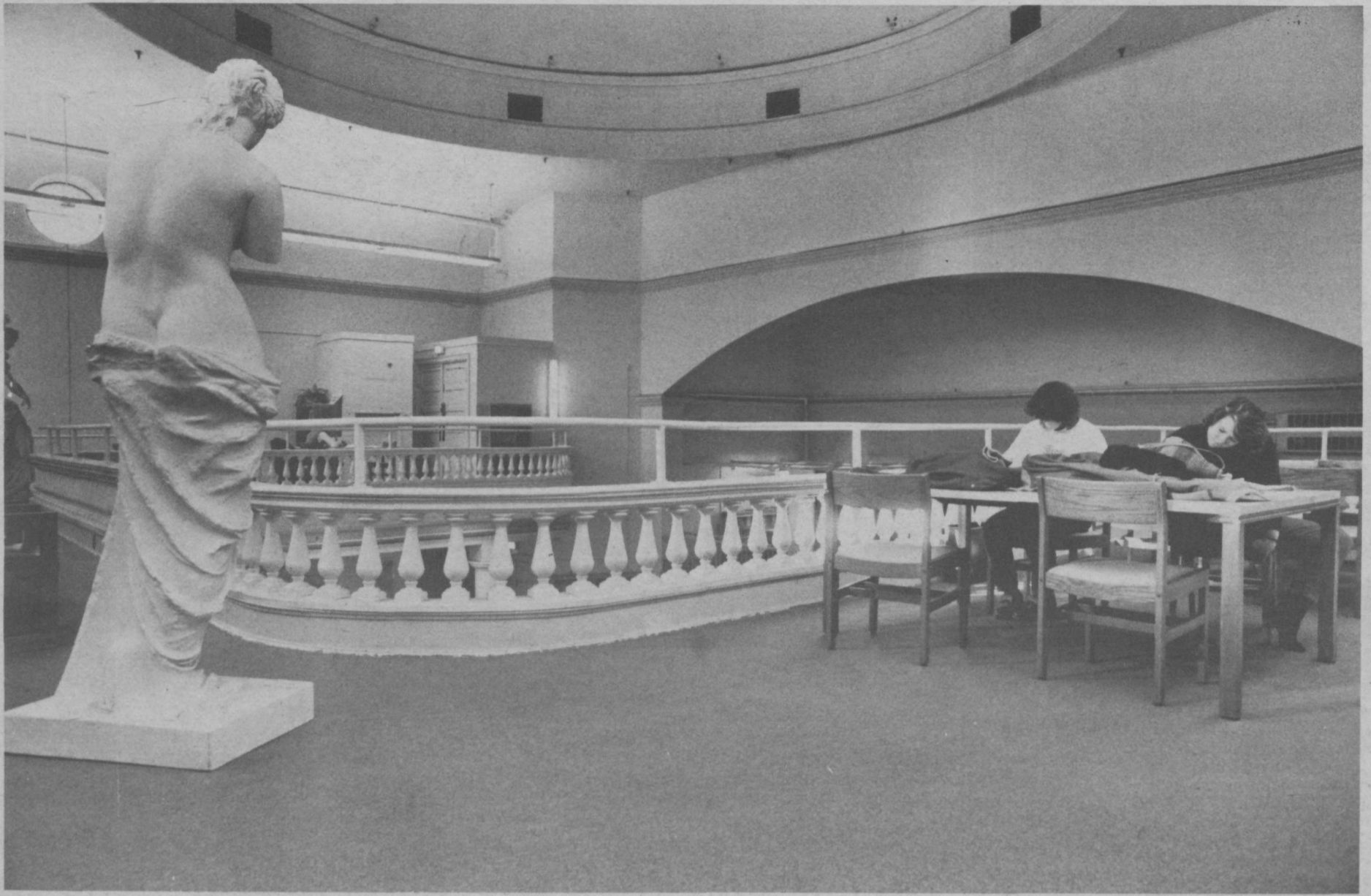
Refusal to comply with an order of a Univ. official: WR.

Attempted theft from Willard Straight Dining: WR; 25 hrs CS w/10 hrs susp.

Endangerment to University property: WR; 40 hrs CS w/20 hrs susp.

Possession of a stolen street sign: WR; 25 hrs CS w/15 hrs susp.

Refusing to leave Day Hall at the closing time of that building after receiving orders from University officials to leave: WR; 25 hrs of CS w/5 hrs susp., order to cease and desist from any further refusals to comply with orders to leave Day Hall (2 defendants).



Countdown to Final Examinations

Scenes in Some Favorite Study Spots



Please Note:

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

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

Employee Transfer Applications: Em-

ployees who wish to transfer to other jobs within the University should complete a separate Employee Transfer Application form for each position and submit the form(s) to Staffing Services. Individuals with official University layoff status are given preference in referrals.

Applicants: 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. Completed applications can be submitted through the mail to University Personnel Services, Staffing Services, 160 Day Hall, Ithaca, NY 14853.

This listing is also available on CUINFO, Cornell University's computerized information service. For further details on CUINFO, contact the Information

and Referral Center at 256-6200 or Computer Services.

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

Department: Cooperative Extension - New York City

Description: Manage main administrative and personnel activities for Extension program offices and coordinate effective support activities in 11 sites located in 5 NYC boroughs. Recruit, interview and recommend support staff, hire temporary staff; train new staff; conduct performance appraisal reviews; prepare administrative documentation for positions. Provide advice and counsel on personnel policies and procedures.

Requirements: Bachelor's degree and—or equivalent experience in personnel—general management. 2 to 4 years personnel—office management experience. Excellent verbal and written communication skills. Organizational skills essential. Valid NYS Class III operators license. Knowledge of personal computer desirable. Ability to speak Spanish and familiarity with NYC highly desirable. Please send cover letter and resume to Ralph D. Jones by December 19, 1985.

Job Number: PA4714

Position: Assistant Director Class Affairs

Department: Alumni Affairs

Description: Assist Director of Class Affairs with class programs including reunions, midwinter meetings, reunion kickoff, homecoming and Cornell Association of Class Officers Board functions; work with class officers to develop class programs.

Requirements: Bachelor's degree or equivalent; Cornell degree preferred. Demonstrated strong interpersonal, organizational and communication skills. Please send cover letter and resume to Ralph D. Jones by December 19, 1985.

Job Number: PA473

Position: Accountant I

Department: Endowed Accounting

Description: Responsible for monitoring all enterprise activities, providing assistance to the units as needed. Evaluate current enterprise accounting practices; assist in the preparation of financial records and tax reporting; handle other projects as assigned.

Requirements: Bachelor's degree or equivalent in accounting. Minimum of one year professional accounting experience. Strong interpersonal skills. Previous familiarity with computerized financial systems is desirable. Please send cover letter and resume to Esther L. Smith by December 20, 1985.

Minimum Starting Salary: \$14,170
Job Number: PC4710

Position: Executive Staff Assistant

Department: Unions & Activities

Description: As Administrative Assistant to the Director of Unions & Activities, duties include coordinating production of clerical work; scheduling meetings and appointments; drafting responses to correspondence, minutes of meetings, position papers, proposals and documents. As office manager, responsible for organizing the work of several staff members.

Requirements: Associate's degree or equivalent; Bachelor's degree desirable. Minimum 3 to 5 years administrative experience. Please send cover letter and resume to Esther L. Smith by December 20, 1985.

Minimum Starting Salary: \$14,170
Job Number: PC4718

Position: Research Support Specialist I

Department: Natural Resources - Old Forge, Eagle Bay, Lake Placid

Description: Provide field support to Adirondack Fishery Research. Responsible for scheduling and implementing field sampling, ordering fish food, determining rations, recognition of and correction of fish health and maintenance. Routine netting, electrofishing and limnological and other sampling. Conduct laboratory studies related to survival, growth, etc. Maintain records of data and provide statistical summaries. Some travelling involved.

Requirements: Master's degree in fisheries sciences or closely related field, or Bachelor's degree with at least 3 years field experience in fisheries or biological field work. NYS driver's license required. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT4716

Position: Research Support Specialist II

Department: Animal Science

Description: Supervision of Animal Nutrition Laboratory. Will be responsible for lab protocol, performing routine assays, and validating and implementing specialized techniques. Will conduct experiments with animals, perform data summarization and writing for scientific literature. Will work closely with graduate students.

Requirements: Bachelor's degree with at least 2 years of laboratory experience; Master's preferred. Training in biochemistry is essential. Familiarity with laboratory techniques such as enzyme assays, determination of metabolic hormones and metabolic constituent concentrations and use of hepatocytes and adipocytes to determine status of metabolic processes preferred. Please send cover letter and resume to Cynthia Smithbower by December 20, 1985.

Job Number: PT477

Position: Research Support Specialist II

Department: Agricultural Economics

Description: Responsible for translating identified biotechnology research into formats to be used by the biotechnology industry in the state of New York for the purpose of fostering and supporting expansion of the industry. Will develop and publish regularly a newsletter, as well as develop a system to enable biotechnology firms to access scientific information bases. One year appointment.

Requirements: Bachelor's degree with significant courses in biological sciences. Proven writing ability. Prior experience writing scientific and technical information for general audiences. Computer experience desirable. Format training in

Job Opportunities

Cornell University is an equal opportunity, affirmative action employer.

A University-wide hiring freeze will be in effect from December 5, 1985, through January 1, 1986. For information or questions, call Staffing Services, 6-5226.

WINTER HOLIDAY SCHEDULE:

Due to the Winter Holiday, there will be no 'Job Opportunities' list on December 26 or January 2. Therefore, requisitions received after noon on Thursday, December 12, 1985, through noon on January 2, 1986, will be posted in the January 9, 1986, issue of 'Job Opportunities.'

Administrative/Professional

ADMINISTRATIVE—PROFESSIONAL

The minimum salaries listed are for recruitment purposes only.

*Position: Physician

Department: University Health Services

Description: Internist or Pediatrician. Must be board certified or eligible. Patient population comprises students, faculty and staff.

Requirements: M.D. - Board certified or eligible. Please send cover letter and resume to Ralph D. Jones by January 2, 1986.

Job Number: PA485

*Position: Senior Administrator II

Department: Human Ecology Administration

Description: The Director of Administrative Operations is the chief business officer for the college of Human Ecology. Responsible for financial planning, fiscal monitoring, implementation of personnel policies and coordination of administrative computing systems. This person reports directly to the Associate Dean.

Requirements: Master's degree in business or public administration, or equivalent combination of education and experience. Five years experience in a business management position. Knowledge of higher education administration. Experience in administrative systems planning. Outstanding interpersonal and communication skills. Demonstrated leadership skills, including ability to motivate people. Please send cover letter and resume to Ralph D. Jones by January 2, 1986.

Job Number: PA481

*Position: Applications Programmer III

Department: Program of Computer Graphics

Description: Assist in the development, installation and maintenance of the total research process for the Computer Graphics system.

Requirements: Master's degree in computer science and—or computer graphics. Several years experience in applications programming, interactive graphics and development of computer aided design systems. Also mini computer systems, hardware and software. Knowledge of DEC assembler language essential. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT4811

*Position: Research Support Specialist III

Department: Agricultural Economics

Description: Plan and develop enumerative surveys on energy utilization in New York's commercial farm sector. Appointment ends July 1, 1988.

Requirements: Master's degree in agricultural economics or a related field. Familiarity with commercial agriculture. Knowledge of statistical theory; previous experience with survey design preferred; prior experience with micro computers essential. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT489

*Position: Research Support Specialist III

Department: Agricultural Economics

Description: Conduct research in agricultural finance and investment behavior. Includes design of research, data collection, analysis and report preparation. Appointment ends December 31, 1988.

Requirements: Master's degree in agricultural economics or related field. Farm background and agricultural finance experience preferred. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT488

*Position: Applications Programmer—Analyst I

Department: Computer Services (APS)

Description: Maintain, develop and install, document, and modify administrative systems software.

Requirements: Bachelor's degree with computer-related courses. Must have experience with CICS. Ability to program in COBOL necessary.

Some experience with machine architecture, production procedures and systems utility programs preferred. Please send cover letter and resume to Cynthia Smithbower by January 2, 1986.

Minimum Starting Salary: \$16,500

Job Number: PT484

*Position: Administrative Manager I

Department: Applied & Engineering Physics

Description: Work with the offices of Corporate Relations and Public Affairs to solicit external financial support. Manage departmental budget and special accounts, departmental building space, computer services, teaching laboratories. Provide proposal coordination and planning service, assemble annual report, etc.

Requirements: Bachelor's degree. Experience in corporate public affairs and—or university development. Excellent interpersonal and communication skills. Knowledge of computers preferred. Please send cover letter and resume to Ralph D. Jones by January 2, 1986.

Job Number: PA486

*Position: Student Development Specialist II

Department: Veterinary Administration

Description: An admissions officer who will be involved in many aspects of the admissions process including pre-veterinary counseling and recruiting. Major emphasis will be placed on the recruiting of minority students and the coordinating of minority summer programs.

Requirements: Master's degree or equivalent. Experience in student personnel and recruiting. Requires a great deal of traveling, often to large cities. Please send cover letter and resume to Ralph D. Jones by January 2, 1986.

Job Number: PA482

*Position: Library Facilities Manager

Department: University Libraries - Administrative Operations

Description: Coordinate facilities maintenance and space management within the endowed units of the CU libraries, including assignment as liaison with appropriate university departments, outside firms, department heads and other staff; also superintends the Shipping and Receiving section for CU libraries; security and other general administrative duties as assigned.

Requirements: Bachelor's degree or equivalent combination of education and work related experience. Experience in building maintenance and space planning essential. Mechanical aptitude and familiarity with HVAC systems is important. Knowledge of purchasing procedures and microcomputers is a plus. Previous supervisory experience and familiarity with Cornell procedures preferred. Knowledge of OSHA regulations and "Right-to-Know" law helpful. Excellent communications and public relations skills required. Please send cover letter and resume to Michele Dr. aiss.

Job Number: PC483

*Position: Research Support Specialist II

Department: Agronomy

Description: Provide technical support to research and development program; oversee and evaluate field and greenhouse experiments at Ithaca and at outlying sites. Ten month appointment.

Requirements: Bachelor's degree in a field related to crop production. Practical experience in agriculture including knowledge of agronomy, farm management and pest management. Must have vehicle operator's license. Please send cover letter and resume to Cynthia Smithbower by January 2, 1986.

Job Number: PT4810

Position: Director of Lab Operations I

Department: Equine Drug Testing & Research

Description: Coordinate research and testing efforts to maintain state-of-the-art testing in field laboratories. Responsibilities include quality assurance for seven field labs.

Requirements: Master's degree in chemistry or related field. Must have experience in isolation purification and identification of drugs and their metabolites using thin layer chromatography and analytical instrumentation. Prior supervisory experience preferred. Please send cover letter and resume to Steve Hopkins, Director of Lab Administration, 925 Warren Drive, Ithaca, NY 14850.

Job Number: PT476

Position: Assistant Dean for Administration

Department: Veterinary Administration

Description: Responsible for management of the college's finances and for general oversight of personnel, facilities and support services including

telecommunications, computing, biomedical communications and biomedical electronics.

Requirements: Relevant academic preparation and successful work experience in areas of responsibility. Demonstrated ability in budgeting, planning, forecasting, analysis, developing alternatives, identifying risks and opportunities.

Excellent communication skills; ability to lead, to delegate effectively and to follow-up. Familiarity with Cornell will be considered a major asset. Please send cover letter and resume to Ralph D. Jones by December 17, 1985.

Job Number: PA4711

Position: Senior Applications Programmer

Department: CHESS

Description: Develop applications for a Micro-Vax—CAMAC controlled data acquisition and analysis system. Will interact with scientific staff and users of CHESS facility. Also program for data analysis for protein crystallography using Prime 9955.

Requirements: Bachelor's degree in computer science or related area with 3 to 5 years experience including real-time FORTRAN programming under VMS. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT4712

Position: Network Communications Specialist

Department: Computer Services, Network Communications

Description: Assist in the development and implementation of data communications facilities in a multi-vendor, decentralized academic environment which includes: 3084, 3081, 4341, and multiple VAX processors; 3705 and 4705 communications controllers; VM, CMS, CP, UNIX, EP and COMM-PRO Software; Sytek, Ethernet, Pronet, PCnet and Omninet Local Area Networks; Async, RJE and BSC 3270 Protocols. Will be a resource to the University Community - including the recently inaugurated NSF Super Computer Facility - concerning state-of-the-art technologies and implementations.

Requirements: Bachelor's degree in electrical engineering, computer science, or related background and several years of relevant experience. Excellent interpersonal and communication skills are essential. Must have knowledge and experience in data communications. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT472

Position: Administrative Manager II

Department: Center for International Studies

Description: Administer and monitor budget; ensure effective accounting and auditing of accounts; approve expenditures on more than 80 designated, appropriated and restricted accounts; analyze and recommend effective budgetary and management improvements; manage and supervise support staff; establish and coordinate administrative priorities; provide assistance and technical background for policy development; assist with development of grants; provide initiative and support to all development activities; ensure that all University policies and procedures are implemented.

Requirements: Bachelor's degree or equivalent; MBA preferred. 3 to 5 years administrative experience. Financial management and budget experience and knowledge of and use of microcomputer systems necessary. Please send cover letter and resume to Ralph D. Jones by December 19, 1985.

Job Number: PA474

Position: Applications Programmer—Analyst II (Repost)

Department: Division of Summer Session, Extramural Study and Related Programs

Description: Design, develop, modify, implement and document applications software on IBM PC, IBM PCXT, as well as on interactive system (University mainframe system). Provide consulting, programming and documentation support to less experienced users and programmers.

Requirements: Bachelor's degree or equivalent. Related computer courses. Considerable knowledge of and applications for Division's microcomputer hardware and software as well as Cornell's mainframe system including database management systems (ADABASE), statistical package (SPSS-X), mainframe utility programs, JCL, batch processing for institutional research efforts. Good interpersonal and communication skills required. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT316

Position: Personnel Associate III

journalism and—or communication preferred. Please send cover letter and resume to Cynthia Smithbower by December 20, 1985.

Job Number: PT471

Position: Systems Programmer III (Two positions)

Department: Theory Center

Description: Under general supervision, responsible for system analysis, design, programming, and documentation for a large variety of projects. Major source of software support and technical leadership for both users and other Theory Center staff.

Requirements: Master's degree or Bachelor's plus 1 to 2 years of programming experience. Strong technical and communications skills. Wide range of programming experience utilizing many languages. Extensive knowledge of internal operations of CC operating systems. Excellent writing skills. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT461, PT462

Position: Systems Programmer III

Department: Theory Center

Description: Responsible for system analysis, design, programming and documentation for a large variety of projects. Major source of software support and technical leadership for both users and other Theory Center staff.

Requirements: Master's degree or equivalent combination of education and experience. Strong technical and communication skills. Wide range of programming experience utilizing many languages. Extensive knowledge of internal operations of CCS operating systems, especially MVS. Excellent writing skills. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT463

Position: Applications Programmer II

Department: Ornithology

Description: Direct all computer operations for bird population research including automated data entry, database management, data analysis and graphics using IBM mainframes and IBM PC's.

Requirements: Bachelor's degree with 2 to 3 years related experience including programming, database management and statistics. Please send cover letter and resume to Cynthia Smithbower December 20, 1985.

Job Number: PT468

Position: Senior Applications Programmer—Analyst

Department: Computer Services (APS)

Description: Design, develop, modify, maintain and implement fairly complex software systems and applications on a major on-going administrative unit.

Requirements: Bachelor's degree or equivalent with computer courses. 3 to 5 years computing experience. Knowledge of software systems and applications programming for interactive administrative system using VM—CMS. Knowledge of at least 2 languages such as COBOL, PL—1, Natural, ADABAS; familiarity with batch systems, machine architecture, utility programs, mini—micro computer preferred. Please send cover letter and resume to Cynthia Smithbower by December 20, 1985.

Job Number: PT469

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, GR20

Department: Institutional Planning & Analysis

Description: Provide office support for Director and staff of 7. Statistical typing and word and record processing; file; transcription from dictation; photocopy; mail; telephone. Other projects as assigned.

Requirements: Associate's degree or equivalent. Heavy typing. Minimum 2 to 3 years experience in service-oriented office preferred. Knowledge of word processing required; familiarity with Wang word processing desired. Experience with statistical typing and heavy text editing required. Attention to detail essential.

Minimum Starting Salary: \$12,209

Job Number: C484

***Position:** Administrative Aide, GR20

Department: Graduate School

Description: Provide administrative support to the Office of the Graduate Assistant Dean. Receptionist; schedule appointments; write letters; edit reports; process confidential materials. Other duties as assigned.

Requirements: Associate's degree or equivalent. Medium typing. Previous experience in academic environment and accounting helpful. Knowledge of IBM PC. Excellent stenographic, statistical and analytical skills essential. Ability to communicate and interact well with people from diverse cultural backgrounds.

Minimum Starting Salary: \$12,209

Job Number: C486

***Position:** Administrative Aide, GR20

Department: Academic Personnel Office

Description: Provide administrative and secretarial support for the Academic Personnel Office. Secretarial duties include typing, filing, telephones, mail. Administrative support includes handling academic personnel matters (appointment forms, leave requests, position classifications, etc.); drafting correspondence; maintaining data records on academic staff members; accounting and purchasing functions. Other duties as assigned.

Requirements: Associate's degree or equivalent in secretarial science. Medium typing. Minimum 3 to 5 years administrative secretarial experience essential. Good typing. Strong organizational, interpersonal and communication (written and oral) skills. Ability to work independently and to handle confidential matters. Familiarity with Cornell administrative operations preferred. Knowledge of Wang word processor desirable.

Minimum Starting Salary: \$12,209

Job Number: C483

***Position:** Administrative Aide, GR19

Department: Student Employment Office

Description: Monitor bi-weekly College Work Study payroll transactions; maintain student records for The Cornell Tradition Fellowship programs; assist the Assistant Directors of Fellowship programs (Cornell Tradition) and On-Campus employment in the day to day support of these programs.

Requirements: High school diploma or equivalent. Some college desirable. Medium typing. Good organizational and communication (written and oral) skills essential. Experience with on-line computer system. Knowledge of Cornell's Financial Aid, accounting and payroll system preferred. Some word processing helpful.

Minimum Starting Salary: \$11,570

Job Number: C489

***Position:** Secretary, GR18

Department: Center for Applied Mathematics - Mathematical Sciences Institute

Description: Provide clerical support for administrative manager and Director of the Mathematical Sciences Institute. Accounting; prepare purchase orders; process payments; travel reimbursements, etc. Operate word processor; take dictation; type manuscripts; grant proposals, etc. Other duties as assigned.

Requirements: High school diploma or equivalent. Business or secretarial school preferred. Heavy typing. Experience with Cornell accounting procedures, technical typing and shorthand highly desirable. Familiarity with word processors.

Minimum Starting Salary: \$10,920

***Position:** Personnel Assistant, GR18

Department: University Personnel Services

Description: Provide staff support in recruitment for non-academic positions as well as coordinate advertising placement and billing. Responsible for timely and accurate referral of applicant materials; maintain records and statistics; type correspondence; provide information to applicants and departments on open positions, employment policies and procedures. Other duties as assigned.

Requirements: High school education or equivalent. Some college desirable. Medium typing. Minimum 2 to 3 years work experience in a personnel, client services, or business setting. Demonstrated verbal communication and interpersonal skills essential. Knowledge of Cornell University helpful. Good organizational skills. Familiarity with personal computers helpful.

Minimum Starting Salary: \$10,920

Job Number: C4810

***Position:** Editorial Assistant, GR18

Department: Media Services

Description: Provide production and editorial support for Publications and Visual Communications unit. Proofread printouts, galleys and page proofs. Process reprints; proof jobs originating in Design Studio. Keyboard material from publications unit; file.

Requirements: High school diploma or equivalent. Medium typing. Minimum 2 to 3 years excellent proofreading and keyboarding skills. Familiarity with word processing. Please send cover letter and resume to Esther L. Smith by January 6, 1986.

Minimum Starting Salary: \$10,920

Job Number: C487

Position: Administrative Aide, GR21

Department: Maintenance & Service Operations

Description: Provide secretarial support to director and his staff. Switchboard operations; type; file; screen correspondence; maintain director's calendar; schedule out of town travel; answer customer inquiries regarding maintenance service and general customer and public relations duties.

Requirements: Secretarial degree or equivalent education and experience preferred. Medium typing. Minimum 3 years secretarial or office management experience preferred. CRT experience helpful. Excellent organizational, interpersonal and communication (written and oral) skills.

Minimum Starting Salary: \$12,968

Job Number: C476

Position: Secretary, GR20

Department: Public Affairs Regional Offices - Houston, TX

Description: Type correspondence, forms, vouchers and other materials; keep records; provide file maintenance and receptionist support; handle meeting and travel arrangements for director of Southwest Regional Office; handle special projects as needed; interaction via phone and in person with alumni. Full-time, regular; 35 hours per week.

Requirements: Associate's degree or equivalent. Medium typing. 2 to 3 years secretarial experience. Good organizational, interpersonal and communication (written and oral) skills.

Minimum Starting Salary: \$12,209

Job Number: C4718

Position: Administrative Aide, GR20

Department: Biological Sciences

Description: Provide administrative support to three members of director's office. Assist with design and execution of support services for development activities, including an information base of faculty research; production of miscellaneous publications; report generation; other projects as assigned.

Requirements: Associate's degree or equivalent. Medium typing. Knowledge of biology preferred. Minimum 2 to 4 years administrative or office experience, preferably in a university setting. Excellent oral communication, writing, and organizational skills. Ability to work independently.

Familiarity with scientific terminology and micro-computer and—or word processing. Please send cover letter and resume to Esther L. Smith by December 18, 1985.

Minimum Starting Salary: \$12,209

Job Number: C4712

Position: Office Assistant, GR19 (Repost)

Department: Sponsored Programs

Description: Provide administrative and secretarial support in the Office of Sponsored Programs. Type; update office records; handle and control 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 1-3 years secretarial experience. Good organizational skills. Strong interpersonal and communication skills. Cornell experience helpful.

Minimum Starting Salary: \$11,570

Job Number: C392

Position: Secretary, GR18

Department: Poultry & Avian Sciences

Description: Coordinate and manage the daily business activities of the research and teaching programs of three faculty members and their research groups; assist professors in preparation of grant proposals; type and prepare articles for publication; maintain files of correspondence and professional activities of the professors; maintain professors' calendars and make travel arrangements. Use word processor.

Requirements: High school diploma or equivalent. Secretarial school desirable. Heavy typing. Good technical typing and communication skills essential. Strong organizational skills and ability to work independently. Experience with word processor necessary.

Minimum Starting Salary: \$10,920

Job Number: C4729

Position: Office Assistant, GR18

Department: Law School

Description: Provide receptionist and secretarial support for the office of student services. Channel all traffic (students, faculty, telephone inquiries); handle course registrations and evaluations; exam processing, grade reporting; responsible for building keys; file; mailings; general correspondence.

Requirements: High school diploma or equivalent. Business or secretarial school desirable. Medium typing. Knowledge of IBM PC or desire to learn. Excellent organizational, interpersonal, and communication skills. Ability to interact with faculty, staff and students. High level of confidentiality.

Minimum Starting Salary: \$10,920

Job Number: C4719

Position: Accounts Assistant, GR18

Department: Media Services - Printing and Production

Description: Input on computer daily production, inventory and billing activity for all services rendered by the printing group. This involves printing, copying, camera, word processing, distribution, addressing and mailing services. Utilizing this input create biweekly invoices, daily production logs and sundry reports as needed. Backup keyboarding for word processing.

Requirements: High school diploma or equivalent. Light typing. Formal training in bookkeeping—accounting desirable. Experience with Cornell statutory accounting system essential. Some daily working experience utilizing computers in accounting, bookkeeping, or data processing.

Minimum Starting Salary: \$10,920

Job Number: C475

Position: Secretary, GR18

Department: Dean of Students Office

Description: Maintain and coordinate off-campus listing service; close contact with students, faculty and landlords, advising on leasing and tenant—landlord concerns; distribute information and advice on living in the Cornell—Ithaca community, including referrals to other offices and agencies; assist with editing and distribution of department publications; answer correspondence. Other duties as assigned. Full-time, regular; 35 hours per week.

Requirements: High school diploma or equivalent. Business or secretarial school desirable. Medium typing. Minimum 1 to 3 years secretarial experience. Strong organizational and interpersonal skills desirable. Knowledge of IBM PC helpful. Flexibility in dealing with large and diverse clientele under busy office conditions. Strong knowledge of Ithaca area and some familiarity with local rental housing helpful.

Minimum Starting Salary: \$10,920

Job Number: C4713

Position: Secretary, GR18

Department: Pharmacology

Description: Provide support to the administrative manager. Type complex technical manuscripts, abstracts, correspondence, etc.; operate word processor, minicomputer; answer and screen calls; arrange meetings and travel; handle mail; maintain files; perform library reference tasks. Other duties as assigned.

Requirements: High school diploma or equivalent. Business or secretarial school desirable.

Heavy typing. Minimum 1 to 2 years experience. Excellent interpersonal and communication skills. Knowledge of medical terminology, word processors, and minicomputers desirable.

Minimum Starting Salary: \$10,920

Job Number: C477

Position: Office Assistant, GR18

Department: Division of Summer Session, Extramural Study and Related Programs

Description: Directly assist media manager in carrying out projects and tasks for the Division's publicity and marketing. Collect and compile information; assist with publicity for various courses, special programs, etc.; direct mail campaigns; coordinate and maintain distribution system for Summer Session announcements, etc.; type, file; schedule appointments; answer phones. Other duties as assigned.

Requirements: High school diploma. Medium typing. Minimum 1 to 2 years experience in media-related field preferred. Excellent organizational, interpersonal and communication (written and oral) skills. Knowledge of advertising—marketing, graphic design, and printing—production. Knowledge of WordPerfect helpful. Occasional heavy lifting required. Valid NYS driver's license required.

Minimum Starting Salary: \$10,920

Job Number: C472

Position: Circulation—Reserve Assistant, GR16

Department: A.R. Mann Library

Description: Work regularly scheduled shifts at both the circulation and reserve desks. Assist with the supervision of student assistants during daily shifts at desks; responsible for the processing of holds—recalls and renewal sheets; shelf books and maintain collection on several tiers; serve as back up in various other department tasks.

Requirements: High school diploma or equivalent. Some college experience desirable. Ability to work with a wide variety of people in a public service capacity. Organizational and interpersonal skills essential.

Minimum Starting Salary: \$9,874

Job Number: C4730

Position: Office Assistant, GR16

Department: CHESS - Applied & Engineering Physics

Description: Provide general assistance and secretarial support to administrative aide. Assist in assembling information for mailings; maintain department equipment catalog files, technical library and business office files; type; answer telephone.

Requirements: High school diploma or equivalent. Medium typing. Some office experience. Experience with Micom word processing system helpful.

Minimum Starting Salary: \$9,874

Job Number: C478

Position: Records Assistant, GR16

Department: University Libraries - Serials Department

Description: Responsible for updating serial holdings in the Union Serials Catalog and in the RLIN database. Process serial withdrawals and transfers; file into Serials Catalog; assist with other projects as requested. Full-time, regular; Monday - Friday, 39 hours per week - may include some evening hours.

Requirements: High school diploma or equivalent. Light typing. Ability to perform detailed work accurately. Library experience and familiarity with foreign language(s) helpful.

Minimum Starting Salary: \$9,874

Job Number: C4728

General Service

***Position:** Dairy Worker, SO21

Department: Animal Science - Statutory

Description: Caring for and milking of dairy cows. Includes set-up, tear-down, cleaning and maintenance of milking system. Move animals within dairy complex as required. Assist as necessary other dairy cattle and equipment maintenance areas and related research and teaching support within the Dairy Cattle Unit. Act as lead person within immediate crew in absence of supervisor. Five days per week; 8 hours per day; some weekends and holidays.

Requirements: High school diploma or equivalent. Experience in dairying, handling cows, milking in milk parlor. Class 5 NYS Driver's License.

Minimum Starting Salary: \$6.42—hour

Job Number: S487

***Position:** Custodian, SO16 (Five positions)

Department: Buildings Care - Endowed

Description: Provide general maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. Monday - Thursday, 6:00am - 2:30pm; Friday, 6:00am - 1:30pm.

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 Numbers: S482, S483, S484, S485, S486

***Position:** Cashier, GR15

Department: Cornell Dining

Description: Operate electronic cash register, assess costs of goods, receive money and make change. Responsible for set up and close out of cash drawer. 40 hours per week; hours vary.

Requirements: High school diploma or equivalent. Must be able to work under pressure and maintain speed and accuracy. Experience in cashing and knowledge of basic accounting principles preferred.

Minimum Starting Salary: \$9,403

Job Number: S481

Position: University Service Officer (2 positions)

Department: Public Safety

Description: Responsibilities include prevention

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Job Opportunities

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and detection of criminal behavior; external and internal patrol of University property within his or her area for fire, safety and crime hazards; enforcement of parking regulations occurring on the property of Cornell University.

Requirements: High school diploma or equivalent. Further formal education, training and/or experience in the law enforcement field preferred. Satisfactory completion of basic University Service Officer training. U.S. citizenship; eyesight 20-40 corrected to 20-20; no record of convictions other than minor traffic infractions. NYS driver's license; ability to obtain NYS pistol permit within 90 days of employment. Must pass physical examination.

Minimum Starting Salary: \$12,639
Job Number: S4715, S4716

Position: Greenhouse Worker, GR20
Department: Horticulture Sciences - Geneva
Description: Assist project leaders in carrying out the duties and responsibilities involved in the breeding and genetics of vegetable crops. Tasks include planting and care of plants in the field and greenhouse, record keeping, harvesting, threshing, seed cleaning, and related activities. Considerable work in the field, sometimes in inclement weather. Monday - Thursday, 8:00-12:00; 1:00-5:00. Fridays, 8:00-12:00; 1:00-4:00.

Requirements: Associate's or Bachelor's degree in plant sciences or equivalent preferred. Ability to work independently. Valid NYS driver's license.
Minimum Starting Salary: \$12,209
Job Number: S4713

Position: Duplicating Machine Operator, SO2 (Repost)

Department: Media Services - Printing Production - Statutory

Description: Operate a Ryobi 3200 Perfector Duplicator reproducing materials in support of the NYS Colleges of Agriculture and Life Sciences and Human Ecology as well as Cooperative Extension. Monday - Thursday, 8:00-4:30; Friday, 8:00-4:00.

Requirements: High school diploma or equivalent. Vocational training in printing helpful. Ability to lift up to 50 lbs. 1 year experience in offset printing or related area. Experience in operation of a copy center preferred.

Minimum Starting Salary: \$6.04—hour
Job Number: S452

Position: Dish Machine Operator, SO16
Department: Cornell Dining - Endowed
Description: Wash dishes, pots and pans. 40 hours per week; hours vary.

Requirements: High school diploma or equivalent. Familiarity with dishwashing equipment and proper use of cleaning agents. Ability to lift 30 lbs.
Minimum Starting Salary: \$4.84—hour
Job Number: S473

Position: Cashier, GR15 (Two positions)
Department: Dining - Endowed

Description: Operate electronic cash register, assess costs of goods, receive money and make change. Responsible for set up and close out of cash drawer. 40 hours per week; vary.

Requirements: High school diploma or equivalent. Must be able to work under pressure and maintain speed and accuracy. Experience in cashiering and knowledge of basic accounting principles preferred.

Minimum Starting Salary: \$9,403
Job Number: S475, S4710

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, GR21
Department: Diagnostic Laboratory
Description: Perform variety of microbiological techniques including AGID tests, serum neutralization tests, complement fixation and antigen preparation and standardization. Overall responsibility for all samples submitted for the Blue Tongue and Bovine Leukosis virus state survey program.

Requirements: Bachelor of Science or equivalent in microbiology or related field; 2 years laboratory experience preferred. Experience in serology and infectious agents. Good sterile techniques required and experience in complement fixation and tissue culture desired. Apply by January 2, 1986.

Minimum Starting Salary: \$12,968
Job Number: T484

*Position: Technician, GR21
Department: Veterinary Microbiology - James A. Baker Institute for Animal Health
Description: Provide full range of support in laboratory which uses monoclonal antibodies and primary cell culture techniques to study the antigenicity of influenza viruses. Duties include cell culture, assays, lab maintenance, recording results and data, and animal handling. Appointment ends December 31, 1986.

Requirements: Bachelor's degree in biological sciences. 1 to 2 years laboratory experience in viro-

logy and cell culture, specifically making hybridomas. Apply by January 2, 1986.

Minimum Starting Salary: \$12,968
Job Number: T482

*Position: Technician, GR18
Department: Food Science
Description: Conduct routine chemical analyses on milk and dairy products.

Requirements: Bachelor's degree in dairy technology, food analysis or food science. Quality control testing for protein (kjeldahl), Fat (Babcock, Majonnier). Apply by January 2, 1986.
Minimum Starting Salary: \$10,920
Job Number: T481

*Position: Technician, GR18
Department: Food Science
Description: Perform general laboratory duties including routine measurement of pH, optical density, moisture, and flavor panel analyses of food products. Appointment ends June 30, 1986.

Requirements: Bachelor's degree in food science. Some related laboratory experience preferred.

Minimum Starting Salary: \$10,920
Job Number: T483

Position: Research Equipment Technician, GR25

Department: Cornell High Energy Synchrotron Source (CHESS)

Description: Perform all operations necessary to fabricate and assemble parts working from drawings, sketches and oral instructions using standard shop machinery such as lathes, milling machines, drill presses and certain specialized machinery. Will also aid in the assembly and testing of final parts.

Requirements: Associate's degree in mechanical technology, or a documented apprenticeship experience. Proven ability to prepare drawings, to assist in the design and testing of specialized apparatus for x-ray diffraction experiments. Experience in creative design and mechanical skills essential. Apply by December 20, 1985.

Minimum Starting Salary: \$16,239
Job Number: T474

Position: Technician, GR22
Department: Pharmacology

Description: Develop neuronal cell culture techniques used in a laboratory research program and supervise the use of the culture facilities by graduate students and postdoctoral fellows. Develop new experimental protocols for culturing specific neuronal cell types. Perform radioligand binding assays and studies of uptake of radioactive precursors.

Requirements: Bachelor's degree in cell biology, biochemistry or related field. Two years laboratory experience required in basic biochemical techniques. Experience in sterile technique, cell culture, electron and light microscopy would be helpful. Apply by December 20, 1985.

Minimum Starting Salary: \$13,667
Job Number: T473

Position: Technician, GR22 (Repost)
Department: Pharmacology

Description: Carry out experiments relating to research into diarrheal disease. Duties include preparing solutions, animal handling (usually rodents), analyzing samples, calculating data and preparing graphical representation of results; use a variety of scientific equipment.

Requirements: Bachelor's degree or equivalent in biochemistry or a similar subject. Two to three years laboratory experience. Familiarity with basic statistics. Apply by December 20, 1985.

Minimum Starting Salary: \$12,667
Job Number: T251

Position: Technician, GR21

Department: Division of Nutritional Sciences

Description: Develop methods of digestion and extraction of plant and soil samples to facilitate analyses using complex equipment. Determine and prepare nutrient solutions for research involving growth of, and ion uptake by plants in controlled light-temperature growth chambers. Full-time, regular until September 30, 1986. Renewal contingent on availability of grant funds.

Requirements: Bachelor's degree in plant science, agronomy, chemistry or biology. Additional related coursework desirable. At least 2 years experience using analytical chemistry. Experience in preparation of nutrient solutions for research preferred. Prior experience using computers for data evaluation and statistical analysis preferred. Apply by December 20, 1985.

Minimum Starting Salary: \$12,968
Job Number: T471

Position: Technician, GR19
Department: Physiology

Description: Perform clinical chemistries using Technicon Auto-Analyzer II; manipulate bovine nutritional data using IBM PC; conduct enzyme assay for Selenium with a spectrophotometer; prepare reagents. Maintain laboratory and experimental records using in-billing and evaluation procedures. Conduct blood collections and radioisotope counts. Monday - Thursday, 8:00 a.m. - 5:00 p.m.; Fridays 8:00 a.m. - 4:00 p.m.

Requirements: Bachelor's degree or equivalent in biological sciences. Familiarization with basic laboratory instrumentation; experience with microcomputers (IBM PC); some work with radioisotopes and experience with blood collection preferred.

Minimum Starting Salary: \$11,570
Job Number: T478

Position: Technician, GR21
Department: Plant Pathology - Geneva

Description: Responsible for the daily operation of an established monoclonal (hybridoma) antibo-

dy laboratory. Will maintain the animal colony, perform immunization procedures, culture cells and perform those operations necessary for the production, screening and storage of antibody-producing hybridomas.

Requirements: Bachelor's degree in biology or relevant field. Master's helpful. Experience and/or training with immunological procedures where fungal cell components and/or plant virus preparations have been used as antigens. Previous experience in a monoclonal antibody laboratory necessary. Attention to detail essential.

Minimum Starting Salary: \$12,968
Job Number: T463

Part-time

Position: Project Coordinator II
Department: Cooperative Extension - New York City

Description: Under general supervision, coordinate and oversee overall maintenance program for all sites (including 11 field offices) including daily and other routine cleaning and minor repairs. Develop and maintain records of maintenance and repair needs; schedule; cost; coordinate and serve as liaison with contractors at all sites; ensure compliance with local building codes. 21 hours per week.

Requirements: High school diploma or equivalent. 7-10 years experience in facilities management and maintenance in office or apartment complex. Organizational skills essential. Valid NYS Class III driver's license. Ability to complete minor mechanical, electrical, carpentry and plumbing repairs. Ability to speak Spanish desirable. Familiarity with all boroughs of New York City desirable.

Job Number: PA4715

Position: Curatorial Aide, GR19
Department: Entomology

Description: To curate portions of the Lepidoptera collection, working with taxonomic catalogs and other literature, and assist in the modernization of the Cornell University Insect Collection. Part-time, regular until May 21, 1986. 20 hours per week.

Requirements: Bachelor's degree in entomology; familiarity with taxonomy of insect orders. Experience working in an insect collection preferred; manual dexterity required in handling fragile and small insect specimens. Apply by December 20, 1985.

Minimum Starting Salary: \$11,570—annual equivalent
Job Number: T476

Position: Sr. Records Assistant, GR18 (Four positions)

Department: A.R. Mann Library

Description: Participate in project to convert library catalog records in agriculture and life sciences into machine-readable form using RLIN system. Search, derive and update records in RLIN database; search card catalogs to collect data. Part-time, regular until December 31, 1986. Monday - Friday, 4 hours a day; includes some evening hours.

Requirements: Associate's degree or equivalent. Medium typing. Library experience, especially in technical services desirable. Experience using RLIN or OCLC library systems desirable. Ability to perform highly detailed and repetitive tasks accurately. Familiarity with foreign languages, especially German.

Minimum Starting Salary: \$10,920—annual equivalent
Job Number: C4724, C4725, C4726, C4727

Position: Night Supervisor, GR18
Department: University Libraries - Fine Arts Library

Description: Under general supervision of Circulation—Reserve Supervisor supervises all circulation—reserve activities. Supervise student assistants; provide limited reference service; enforce library policy; photocopy maintenance; close the library. Other duties as assigned. Sunday - Thursday, 7:00 p.m. - 11:00 p.m.; Summer and vacations Monday - Friday, 1:00 - 5:00 p.m.

Requirements: Associate's degree or equivalent. Light typing. Organization—supervisory, interpersonal and communication skills. Library experience highly desirable.

Minimum Starting Salary: \$10,920—annual equivalent
Job Number: C479

Position: Secretary, GR18 (Repost)
Department: School of Hotel Administration

Description: Provide office support to Director and Administrative Aide for the Alumni Affairs Office. Word processing; type correspondence; files; assist in large mailings; light editing; arrange appointments; screening phones; enter membership dues statements into the data base; dues checks balancing; preparation and distribution of graduation packets. Regular part-time until December 31, 1987; Monday - Friday, 8:30 a.m. - 1:30 p.m. (25 hours per week).

Requirements: High school diploma or equivalent. Business or secretarial school desirable. Medium typing. Knowledge of word processing. Good written and verbal skills. Accuracy and attention to detail. Ability to work independently, handle pressure, meet deadlines and maintain confidentiality.

Minimum Starting Salary: \$10,920—annual equivalent
Job Number: C4212

Position: Records Assistant, GR16 (Four positions)

Department: A.R. Mann Library

Description: Participate in project to convert library catalog cards in agriculture and life sciences

into machine-readable form using RLIN system; input original records into RLIN. Part-time, regular until December 31, 1986. Monday - Friday, 4 hours per day; includes some evening hours.

Requirements: High school diploma or equivalent. Medium typing. Some office experience. Knowledge of computer input helpful. Ability to perform detailed and repetitive tasks accurately. Knowledge of or experience with foreign languages helpful.

Minimum Starting Salary: \$9,874—annual equivalent
Job Number: C4720, C4721, C4722, C4723

Position: Waitperson, SO15 (Two positions)
Department: Statler Inn - Endowed

Description: Under general supervision, perform banquet set-up and service during daytime hours. Waiter—waitress service for banquets and table service in Main Dining Room as needed. Five days per week; 8:00-2:00pm; includes some weekends.

Requirements: High school diploma or equivalent. 1 year waiting experience; willing to be flexible in work hours. Strong organizational and interpersonal skills.

Minimum Starting Salary: \$4.63—hour
Job Number: S476, S4711

Position: Accountant II
Department: Office of Financial Aid & Student Employment

Description: General supervision of all Financial Aid and Student Employment Office Accounts. Assist with preparation of office budget request and federal fiscal operations report; provide audit trails for all accounts and conduct internal audits as required; train and consultation for professional and clerical staff on daily operation and federal and office accounts. Monday - Friday, 21—2 days per week.

Requirements: Bachelor's degree or equivalent. Minimum 1 to 2 years in accounting or auditing. Familiarity with Cornell accounting system and/or knowledge of federal programs. Please send cover letter and resume to Esther L. Smith.

Job Number: PC467

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 Service Word Processing Operator

Department: Agricultural Economics

Description: Assist in the preparation of course materials and research projects using the word processor. File; answer phones; handle mail. Part-time, temporary, casual appointment. Monday - Friday, 15-19 hours per week.

Requirements: High school diploma or equivalent. Medium typing. Working knowledge of word processor. Some office experience. Please send cover letter and resume to Laurie Conlon by December 20, 1985.

Minimum Starting Salary: \$5.37—hour
Job Number: C488

Position: Temporary Technician

Department: Division of Nutritional Sciences

Description: Assist P.I. with research of nutritional biochemistry of dietary lipids, carotenoids and micronutrients and carcinogenesis. Perform chemical and biochemical analyses. Provide routine care of lab animals such as feed, weigh, assist with surgical procedures. Full-time, temporary until March 30, 1986.

Requirements: Bachelor's degree or equivalent in natural sciences with strong background in chemistry or biochemistry. Familiar with general biochemical techniques. Lab experience in analytical chemistry. Histology experience preferred but not required. Must be able to work with lab animals. Apply by December 20, 1985.

Minimum Starting Salary: \$5-6—hour
Job Number: T475

Position: Temporary Office Assistant, GR18
Department: Theatre Arts

Description: Receptionist for heavy phone and walk-in traffic; distribute mail; run copy machine; run errands on campus; course scheduling. Part-time, temporary until May 21, 1986. 8 hours per week; to be arranged.

Requirements: High school diploma or equivalent. Light typing. Previous office experience preferred.

Minimum starting Salary: \$5.37—hour
Job Number: C4710

Position: Temporary Office Assistant
Department: Media Services

Description: Assist Media Services staff with a multifaceted publications project by maintaining detailed records and a master log, tracking the various components (manuscripts, proof, art work, etc.); deliver and pick up materials on campus; run errands; attend all meetings (and take minutes) involving this project; perform light typing and/or word processing; maintain regular contact with authors, staff, and vendors via telephone and in person to ensure all are thoroughly aware of project status. Part-time, temporary; approximately 6 months duration or until end of project. Five days per week; 6 hours per day.

Requirements: High school diploma or equivalent. Light typing. Knowledge of word processing and/or use of personal computer desirable. Attention to detail. Excellent organizational, interpersonal

nal and communication skills.

Minimum Starting Salary: \$5.10—hour
Job Number: C4717

Position: Temporary Office Assistant—Receptionist

Department: Arts and Sciences Admissions
Description: Greet people; answer phones; provide secretarial support to Associate Director; handle other duties as assigned by students records coordinator. Full-time, temporary until May 1, 1986.

Requirements: High school diploma or equivalent. Some college desirable. Knowledge of Xerox 860 helpful.

Minimum Starting Salary: \$4.50—hour
Job Number: C4716

Position: Accounts Assistant—Secretary (Repost)

Department: Geological Sciences

Description: Data input and word processing using an IBM PC; type correspondence; file. Other duties as assigned. Part-time, temporary for 6 months. Monday - Friday, 8:00am -12:00noon.

Requirements: High school diploma or equivalent. Some college desirable. Heavy typing. IBM PC experience helpful. Please send cover letter and resume to Laurie Conlon by December 5, 1985.

Minimum Starting Salary: \$5.37—hour
Job Number: C467

Position: Collection Representative, GR17 (Repost)

Department: Bursar

Description: Collection of delinquent student loan accounts through written and telephone communications. Locating delinquent borrowers through "skip tracing" techniques. Part-time, temporary, Tuesday - Thursday, 4:30 - 8:30pm.

Requirements: High school diploma or equivalent. Good written and telephone communication skills. Collections experience preferred.

Job Number: C444

Academic

Please contact department directly.

*Position: Senior Extension Associate

Department: Biotechnology Transfer, Cornell University

Contact: Raymond B. Snyder, Executive Director, Cornell Biotechnology Program, Box 547, Baker Laboratory
Job Number: A481

*Position: Senior Extension Associate - Assistant Program Leader

Department: Sea Grant, Cooperative Extension
Contact: John Potter, Cooperative Extension, 31 Roberts Hall

Job Number: A482

Position: Senior Extension Associate - Industrial Innovation Program Coordinator

Department: Cooperative Extension - Southern Tier of New York State

Contact: Send cover letter and resume by December 12, 1985 to John H. Potter, 31 Roberts Hall, or call 256-2291.

Job Number: A471

Position: Extension Associate (CA05)

Department: Cooperative Extension (EFNEP),

107 Suffolk Street, New York, NY

Contact: Send cover letter and resume to Barbara Eshelman, Extension Associate-Staff Development, 31 Roberts Hall
Job Number: A472

Position: Assistant Professor of Molecular Biology

Department: Clinical Sciences, NYS College of Veterinary Medicine

Contact: Send resume and 3 references to Dr. Alexander deLahunta, Chairman, Department of Clinical Sciences, NYS College of Veterinary Medicine

Job Number: A473

Position: Faculty: Large Animal Surgery

Department: Clinical Sciences, NYS College of Veterinary Medicine

Contact: Send resume, personal bibliography and references to Dr. Alexander deLahunta, Department of Clinical Sciences, NYS College of Veterinary Medicine

Job Number: A474

Inclement Weather Policy Statement Covers Alternatives for Campus

With occasional snowflakes drifting through Ithaca skies, the time has come once again to campus when William D. Gurowitz, vice president for campus affairs, issues his annual reminder on the university's inclement weather policy.

According to Gurowitz, the university, with the cooperation of radio stations in the six-county area surrounding Ithaca, will be using a broadcast alert system this winter for announcing adjustments in, or cancellations of, university operating hours because of inclement weather.

The system, he said, is designed to insure the safety of members of the Cornell community. Every effort will be made to get the information regarding closings on the air by 5:30 a.m. An Inclement Weather Phone number also has been established on campus. **That number is 256-3377.**

Radio stations generally broadcast only closing and cancellations. If there is no announcement concerning Cornell, members of the university community should assume that the university will be open and operating as usual.

If early morning weather conditions force adjustments in the normal operating plans of the university, participating radio stations will carry one of four different types of announcements.

1. **Delayed Opening:** The entire university will be open and operating at a time specified. If it is not possible to specify an open-

ing time, but it is expected that the university will open at some point during the day, an announcement to this effect will be made by the local radio stations and on the weather phone (256-3377). Essential personnel who have to report before the announced opening time should park in B Lot where bus service will be available to Day Hall. Peak period service from A and B lots will start 30 minutes before the announced opening time.

2. **Partial Closing:** Classes, libraries, examinations, Health Services, Residence Life, Dining, Unions and Activities, Physical Plant, Life Safety, Public Safety operations and Cornell Information and Referral Service will continue as usual. The rest of the university will not be operating. If possible, a re-opening date and time will be given when the partial closing announcements is made by the media. Regularly scheduled bus service from both A and B lots will be maintained.

3. **University is Closed:** Classes, examinations, and all other services are cancelled except Health Services, Residence Life, Dining, Unions and Activities, Physical Plant, Life Safety, Public Safety operations and Cornell Information and Referral Service. When the closing is announced, a re-opening date and time will be specified if possible. The university will close if the sheriff has closed Tompkins County roads or indicates an intent to close Tompkins County roads, or if university conditions indicate a neces-

sity to close.

4. **Snow Emergency:** A snow emergency is declared when snow conditions on the campus make it impossible to clear inner campus parking areas. During such conditions, no vehicular traffic will be allowed on campus except emergency and service vehicles and buses. During a snow emergency, any vehicle registered with the university will be allowed to park in A and B lots. Campus buses marked "A" and "B Local" will run every ten minutes. No fare is charged on campus buses when a snow emergency is declared.

During a snow emergency, five areas will be specifically designated as drop points where employees may be dropped off by car and walk to the nearest bus stop. These drop points will be:

(a) The U parking lot off University Avenue behind Sibley Hall;

(b) The U parking lot off Campus Road next to Grumman Hall;

(c) The O parking lot off Judd Falls Road next to Stocking Hall;

(d) A lot;

(e) B lot.

In the event of a delayed opening, partial closing, or closing, regular full and part-time employees who are not required to report or remain at work will be paid at their regular rate for regularly scheduled hours not worked.

Those regular full-time or part-time non-exempt essential employees who are required

to work will receive pay at time-and-one-half for their normal rate for hours actually worked during the closing plus compensatory time off, equal to the hours worked during the closing. As an alternative, upon mutual agreement between the employee and the supervisor, the non-exempt employee may receive straight pay for the day plus compensatory time off equal to one-and-one-half times the number of hours actually worked during the closing.

Compensation during inclement weather for employees who are covered by collective bargaining agreements are subject to the provisions of their contracts.

The radio stations participating in the alert system are:

Ithaca: WHCU (870 AM, 97.3 FM); WICB(91.7FM); WQNY(103.7FM); WTKO (1470AM); WVBR(93.5FM). Auburn: WMBO (1340 AM); WPCX (107 FM). Binghamton: WBNF (1290 AM); WQYT (98 FM). Cortland: WKRT (920 AM); WOKW (99.9FM); Elmira: WENY (1230AM). Geneva: WGVA (1240 AM); WECQ (102 FM). Montour Falls: WXXY (104.9 FM). Owego: WBO (1330 AM). Watkins Glen: WGMF (1500 AM).

Copies of the brochure, "Questions and Answers about Cornell's Inclement Weather Policy" are available in limited numbers at the Information and Referral Desk in the lobby of Day Hall.

Graduate Students for Divestment Issue Statement on Proxy Report

Graduate Students for Divestment reported this week that the best response the group could make to the Trustee's Proxy Review Committee Report would be to allow two South Africans at Cornell to raise some issues the group believes were not properly addressed in the PRC report. Publicly stating views in favor of divestment is not an option South Africans of any color have: It is an act of treason. The following responses by the South African students to the report are intense (because the implications of the PRC report affect them intensely); they are also based on much careful thought about a country they love dearly.

...
FIRST VOICE: As a South African, my objection to Cornell's investment in companies operating in South Africa is a fundamental one: what concerns me is not the finer strategies and fancy footwork of Cornell's investment policy, but the basic question of their involvement in the first place—that is the issue. I wish to ask the Trustees three simple questions:

(1) Can you hear? Every single South African on this campus has made his or her stand clear on divestment. Some, at risk of their freedom and lives, have publicly said: Cornell get out! In South Africa on Dec. 1, COSATU (Congress of South African Trade Unions), a new trade union coalition representing more than 500,000 workers, said clearly, "We favor divestment." These cries are echoed by many other South Africans, including Nobel Laureate Bishop Tutu and Allan Boesak, leader of the World Alliance of Reformed Churches. The message is clear.
(2) Can you see? In the long history of the struggle against racism, many thousands have been sacrificed at the altar of apartheid. In the past year more than 1,000 people have been killed by the white regime. In the month prior to the press ban, 90 were killed, and in the month following, 95. Dear Trustee members, must 3,000 more black lives be sacrificed in the three years before you even consider taking action? Can't you see that you

are supporting a police state which mercilessly eradicates any form of opposition to the status quo?

(3) Are you moral? What is the basis for your participation in South Africa? Given the mass murders in my country, the stated commitment of the government to maintaining minority rule, the call of black South Africans for divestment, and the campus protests against your policies, why do you persist in your involvement with this regime? It has repeatedly been pointed out that the presence of U.S. companies perpetuates apartheid, both in terms of financial and logistical support, and in terms of broader strategic significance.

Over 17 years of protest at Cornell has had no significant effect on Cornell policy. Cooperation with Sullivan code companies brought no change in South Africa other than an entrenchment of apartheid. But it seems as if the apartheid regime has been given a further lease of three years.

...
SECOND VOICE: It seems as if the trustees are trying to make a rational and a reasonable argument about something which has lost every element of reasonableness, let alone rationality. However, let us try to be rational.

(1) Is it rational for the trustees to plead for three more years before considering divestment? If this decision is based on a hope for significant change during the next three years, what would constitute sufficient evidence of change for the trustees, and who would determine its sufficiency? On what basis do the trustees make these decisions (about whether divestment would help or hurt the people of South Africa) when they ignore the voices of people within South Africa? Why don't they acknowledge the brutal physical and psychological consequences of institutional racism? Why do they think we have three years for the Sullivan Principles to work in, when they haven't improved conditions during ten years? Who are they to decide the principles need more time?

(2) There is an assumption in the PRC report

that it is in the interests of business to see that real change takes place. If this was so, business would have taken the initiative to improve conditions long ago. It would not have waited for concerned investors to raise these issues 25 years after Sharpeville, 12 years after the labor strikes, nine years after the Soweto violence, five years after the shootings of students, or after the current uprisings. How can the trustees expect U.S. businesses—which did nothing about racism during 70 years in South Africa—to improve a government which does not respond to international pressure or opposition from the church? The only role the trustees can expect business to take that will bring about changes is to refuse to operate in that kind of moral environment.

(3) The Sullivan Principles are inappropriate as a basis for deciding policy regarding South Africa. They refer only to labor policies and affect less than one percent of the black work force. There is no connection between the code and changes in apartheid which affect the rest of workers' lives. Business cannot improve apartheid. They can only refuse to support it by withdrawing.

Apartheid cannot be made less awful; it must be scrapped and replaced.

It is a pity, although understandable, that the trustees place so much faith in the annual A.D. Little reports on the Sullivan Principles. These reports are so inaccurate that the unions in South Africa have disassociated themselves from the reports.

...
These are only a few of the many issues which ought to be raised in challenging Cornell's investment policies. But this challenge seems of no avail. Why are the trustees not honest and simply declare that their own interests lead them to continue to support this repugnant system? The PRC report acknowledges the extensive "intersections" between Cornell and American-based firms that do business in South Africa. Do the trustees value black South African lives so little that they will pursue a policy which supports the apartheid regime in order to maintain their "intersections" with these companies?

1986 Select Benefits Enrollment Ends Friday

The Select Benefits enrollment period for the 1986 Plan year ends Friday, Dec. 13. After tomorrow, employees will not be able to enroll in this pretax benefit program until next November.

Select Benefits allows employees to pay for their health care premium, and certain eligible medical or dependent care expenses with before-tax dollars. Therefore, it lowers taxable salary for those who enroll in Select Benefits.

As of Dec. 6, 2,783 employees had signed up to take advantage of the Select Benefits Health Care Premium contribution on their particular tax situation. Two hundred and five are enrolled in the Dependent Care Re-

imbursement Account and 1,183 in the Medical Care Reimbursement Account.

Persons who have not completed enrollment forms and want to participate, or have any questions, should call Adele Feinstein, 6-7509 (endowed) or Phyllis Allen, 6-4455 (statutory).

Select
BENEFITS

Brief Reports

Dr. Madewell to Deliver 2nd James Law Lecture

Dr. Bruce R. Madewell will deliver the second lecture in the 1985-86 James Law Distinguished Lecturer Series at 3 p.m. Wednesday, Jan. 8, 1986, in James Law Auditorium. His subject will be "Retrovirus Infections in Domestic Animals."

Retroviruses are widely distributed among vertebrates and induce a variety of diseases that can be transmitted from person to person and in utero. Madewell will review the assembly of retroviruses, their characteristics and the spectrum of slowly progressive diseases associated with retrovirus infections in domestic animals.

No Skis Permitted on Campus Buses

With the arrival of cold weather and snow, the Office of Transportation Services reminds community members that skis are not allowed on campus buses. Ice skates with blade covers are permitted but may not be slung over the shoulder on buses for safety reasons.

Winter hours at the Traffic Bureau go into effect today, according to Sally Van Etten, Traffic Bureau manager.

The office, located at 116 Maple Avenue, will be open Monday to Friday from 8 a.m. to 4 p.m.

The regular hours of 7:45 a.m. to 5 p.m. resume Monday, Jan. 27, 1986.

Sigma Xi Now Accepting Applications for Grants

Applications are now being received by the Cornell chapter of Sigma Xi, the scientific research society, for a writing contest and a grants-in-aid program.

Graduate students and advanced undergraduates are eligible to apply for small research grants under the grants-in-aid pro-

gram. Deadline for applications is Jan. 31, 1986.

The Fuertes Memorial Scientific Writing Prize is for the best popular student-written article on a topic of current interest in the physical or biological sciences. First prize is \$350 and second prize \$150.

More information on both programs is available from William House, U.S. Plant, Soil and Nutrition Laboratory, telephone 256-4502.

Sage Student Preacher Competition Announced

The annual Sage Student Preacher competition is now open, with applications available at 119A Anabel Taylor Hall.

Applications from undergraduate and graduate students will be reviewed and semi-finalists chosen by the Sage Chapel Advisory Council. Deadline for applications is Feb. 12, 1986.

A panel of CURW chaplains and advisers, local clergy and others will select the finalist at a preaching skills workshop to be held in March. They will consider depth of spiritual and/or moral insight, clarity of message, evidence of personal integrity, suitability for the Cornell congregation and ability of presentation.

The finalist will preach at the Sage Chapel service on Sunday, April 20, 1986. For more information call 256-4214.

On Campus Buses Available on CUINFO

Any last-minute changes in the dates and locations of final examinations are available through Cornell's computerized information service, CUINFO.

CUINFO terminals are in the main lobby of Mann Library, at the main entrance of Day Hall, and in the lobby of the Gannett Health Center. Also, any terminal or personal computer with access to the university's mainframe can be used to view the information in CUINFO.

For more information, contact the Information and Referral Center in the Day Hall lobby, 256-6200.

Phi Kappa Phi Offers Graduate Fellowships

The Cornell chapter of Phi Kappa Phi National Honor Society is inviting applications from senior students for a graduate fellowship of up to \$6,000 for first-year graduate or professional study. Fifty of these fellowships will be awarded nationwide. Thirty additional students will receive honorable mention of \$500. Each Phi Kappa Phi chapter may nominate one student for these awards.

Graduating seniors with outstanding academic and leadership records should contact the Phi Kappa Phi Chapter Secretary Janet L. Dorman at Cornell Campus Store Business Office (256-4653) for additional information.

Phi Kappa Phi is the only major national scholastic Honor Society that recognizes academic excellence in all disciplines. It was founded in 1897 and today there are 241 chapters in universities and colleges throughout the nation.

SAGE CHAPEL

University Catholic Chaplain Will Speak This Sunday

John V. Forni, university Catholic chaplain, will speak at Sage Chapel at 11 a.m. Sunday, Dec. 15. His sermon topic will be "Rejoice, The Lord is Near!"

Father Forni received his B.S. degree from Boston College, his M.S. degree from Cornell University, and his M. Div. degree from St. Bernard's Seminary in Rochester, N.Y.

Before becoming one of the Catholic chaplains at Cornell in June 1984, Father Forni served for eight years in the following Rochester parishes: Holy Family, where he was ordained in 1977; St. Bridget, St. John of Rochester, and Blessed Sacrament.

Music for the service will be provided by Prof. Donald R. M. Paterson, university organist.

There will be no Sage Chapel Services from Dec. 22 to Jan. 19, 1986, due to the university recess. Sage Chapel Services will resume on Jan. 26, 1986, with Nancy Malone, Ursuline nun and editor of *Associates for Religion and the Intellectual Life Journal*, as the guest speaker.

Cornell Meteorologists Produce Second, And Bigger, "Ithaca Weather Calendar"

Paying heed to Benjamin Franklin, members of the Cornell Chapter of the American Meteorological Society have produced their second annual "Ithaca Weather Calendar."

The calendar is aimed at making its possessor "weatherwise" for the 365 days during 1986, in response to a comment by Franklin in his 1735 edition of "Poor Richard's Almanac," according to graduate student Grace Musumeci, a member of CCAMS.

Franklin wrote that "some are weather-wise; some are otherwise."

More than 1,000 copies of the 1985 edition of the information-filled calendar were sold,

said Musumeci.

The new calendar is full of even more information, including local statistics dating back to 1880, she said. "The information should enliven everyday chit-chat about the weather," she added.

Local sunrise and sunset times, the average maximum and minimum temperatures, and the record high and low and the years they occurred are provided for each day.

The \$3 calendar, used to raise funds for the club, can be purchased by sending a check made out to the Cornell Chapter of AMS at 1113 Bradfield Hall, Ithaca, NY, 14853 or by stopping at 1113 Bradfield Hall.



First snowperson of the season was created last week in Wee Stinky Glen by Greg Berge (left), Peter Martin and Beth Adler.

The Week in Sports

Three Varsity Teams to Compete in Tournaments over Intersession

By JOHN HERON
Sports Information

As most students plan to spend a relaxing holiday break in the comfort of their homes, athletes on three Big Red varsity teams will spend part of their vacations competing in tournaments around the country.

The men's basketball team will travel to Loudonville, N.Y., to play in the Siena Tournament on Dec. 27-28. The men's hockey squad will journey to Vancouver on Jan. 2-5 for the University of British Columbia Centennial Tournament, and the women's basketball team will be in scenic Honolulu to play in the Rainbow Wahine Classic from Jan. 3-5. In addition, members of the Big Red wrestling team will compete in the prestigious Midlands Tournament during the last week of December.

The men cagers will face East Carolina in the opening round of the Siena tourney, while Bucknell plays the host school in the other first-round matchup. Cornell has played the Pirates on just one other occasion, losing a 74-67 decision in the 1968-69 Queen's Tournament in Buffalo.

The Big Red has been led thus far by junior guard John Bajusz and senior forward Drew Martin. Prior to Tuesday's matchup with Colgate, Bajusz leads the team in scoring with 17.5 points per game, including three straight games which he tallied 20 points or more — the first time in his career he has achieved that. Martin is second in

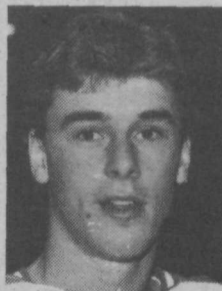
scoring with an average of 15.5 points per game and leads the squad in rebounding, with 6.7 per contest.

Sophomore Greg Gilda, who scored a career-high 14 points in the 55-51 loss to Northeastern this past Saturday, is averaging 9.3 points a game, while shooting better than 67 percent from the field. Despite its tough early-season schedule (four of its first six contests were against teams which made it to post-season playoffs a year ago), the Big Red has played well; four of Cornell's five losses have been by six points or less.

The women's basketball team will have almost a month off before playing in Hawaii. Cornell will compete along with West Texas State, Hawaii, Oklahoma State, Auburn, New Mexico, U.S. International and Washington. The Big Red has never played any of these opponents previously. The team, which will take a 2-4 overall record into the tournament, has been led by senior co-captain Karin Dwyer.

One month ago, the forward was looking to become the second player in the program's history to score 1,000 points in her career. Now that she has achieved that milestone — by scoring 15 points against Colgate last week — Dwyer can set her sights on a new number, 1,105. The senior needs just 76 more points to surpass that barrier and become Cornell's all-time leading scorer.

Dwyer also is closing in on several other school marks. She is 52 field goals shy of set-



JOE NIEUWENDYK
Hockey



JOHN BAJUSZ
Basketball

ting a new record in that department, and she is 199 field goal attempts away from that standard. Rhonda Anderson, who played from 1979-83 holds all three existing marks.

While Dwyer is leading the team in both scoring (18.0 ppg.) and rebounding (7.0 rpg.), junior guard Mary Browne is the only other player averaging in double figures for scoring (10.2 points per game). Senior forward Heidi Johnson is second on the team in rebounding with an average of 6.5 caroms per contest.

Vancouver, British Columbia will be the destination for the men's hockey squad over break. Cornell will face an international field

of teams, including the University of British Columbia, the University of Toronto, the University of Manitoba, Seibu of Japan (a club team) and Yale. The Big Red, British Columbia and Seibu are in the same bracket in the tournament, while Yale, Toronto and Manitoba make up the other division. The two teams with the best record in their respective groupings will then meet for the championship on Jan. 5.

Cornell is 4-2-2 overall, 3-2-1 in the ECA and 0-2 in the Ivy League after defeating Colgate (10-2) and losing to Harvard (11-3) in its last two games. Sophomore center Joe Nieuwendyk picked up his third career hat trick vs. Colgate in amassing five points, and he currently leads the team in scoring with points (seven goals and five assists). Senior co-captains Peter Natyshak, with four goals and seven assists, and Duanne Moeser, four goals and five assists, are the second and third in scoring, respectively. Sophomore goaltender Doug Dadswell is 4-2-1 on the year with a goals against average of 4.15.

The Midlands Tournament is one of the most prestigious in the country, featuring top wrestlers from both the collegiate and club ranks, and Cornell will once again send a group to the competition, which is annually held at Northwestern University. Last year, Pat Welch represented Cornell very well at the tourney, as he placed third to solidify his No. 4 ranking in the country at 150 pounds.