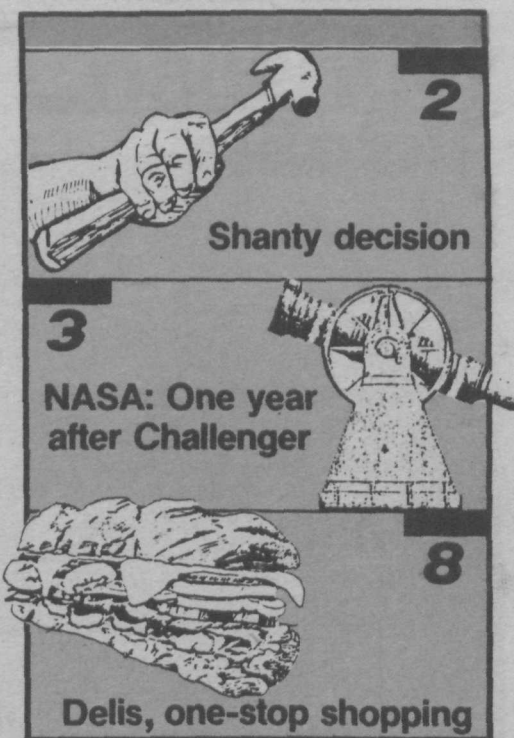


# Cornell CHRONICLE

Volume 18 Number 19 January 29, 1987



## Rhodes to join U.S. science board

President Frank H. T. Rhodes has been nominated by President Reagan to the National Science Board, the White House announced Jan. 22.

Rhodes will succeed Donald B. Rice on the 24-member board, which determines research policy for the National Science Foundation, the agency that funds most of the basic non-military research in this country. The agency's current budget is about \$1.6 billion.

Nomination to the post, which carries a term of six years, is subject to confirmation by the Senate.

"I'm pleased and honored to have been nominated to the board," Rhodes said. "I see service on the board as an opportunity to help focus national concern on the vital place of scientific research in our society.

"Basic research occupies a key role in our

national agenda, affecting everything from education to international competition to national defense. Even areas that are not directly the concern of the NSF, such as public health and agricultural research, depend on the strength of basic research," he said.

"The quality of our basic research is a basis for everything we hope to achieve as a nation," Rhodes continued. "It's not just a question of being an advocate for research funding; it's a question of establishing a sound national policy for an activity that is fundamental to our national aspirations."

Rhodes said that recently released statistics have revealed worrisome trends in the health of science and technology in this country. For example, the United States spends only about 1.9 percent of its gross national product on non-defense research

and development, versus about 2.6 percent for Japan and about 2.5 percent for West Germany.

Also disturbing are statistics revealing that foreign inventors are being granted almost as many patents in this country as are U.S. inventors, he asserted.

A healthy high-technology industrial base, supported by basic research, could enormously aid the U.S. balance of payments, Rhodes said, citing Department of Commerce figures that show high-tech manufacturing achieving a consistently positive balance of payments, but overall manufacturing consistently losing the competition with imports.

Rhodes took office as Cornell's ninth president on Aug. 1, 1977. He also is a professor of geology.

*Continued on page 8*



President Frank Rhodes

## Cornell receives contract for biotechnology research

Cornell has received \$2.5 million from the federal government for basic biological research that could lead to major breakthroughs in medicine, nutrition and agriculture.

"Our research under this grant will include the interaction of substances with cells, and the structure and function of proteins. Discoveries could be used to develop new drugs and synthetic vaccines," said Gordon G. Hammes, director of Cornell's Biotechnology Program.

The research will be conducted within Cornell's three-year-old Biotechnology Program. More than \$20 million already is being spent each year on biotechnology studies at Cornell, making the university one of the nation's leading centers for biological research.

The award, which is funded by the Department of Defense through the U.S. Army Research Office (ARO), designates Cornell as a Center of Excellence in Biotechnology. Thirty-five institutions competed for the federal award, according to Shirley

Tove, director of ARO's biological sciences program.

"The 35 proposals were judged by eight criteria, with emphasis on scientific merit," Tove said. "The other criteria included university capabilities and research accomplishments, fellowship program, and technical and personnel exchanges with Army labs. The Cornell proposal was clearly superior."

The \$2.5 million award, which includes \$1 million for equipment, \$400,000 for fellowships and \$1.1 million for research, is part of a three-year contract. Funding levels for future years have not been set, Tove said.

All of the research will be unclassified and published in open literature, according to Hammes. Faculty research proposals will be evaluated by an existing nine-member advisory committee of Cornell faculty and industry scientists.

Progress will be monitored by scientists at the ARO and at laboratories of the Army Materiel Command and the Army Medical

*Continued on page 7*

## Cuomo proposes construction, no new jobs at SUNY schools

Gov. Mario Cuomo's proposed state budget includes provisions for more than \$100 million in new buildings and renovations at Cornell's College of Veterinary Medicine and other state-supported units.

However, if the \$40.9 billion budget is adopted as is, it will continue to place financial restraints on a number of programs and staffing in the university's four statutory units, according to Vice Provost James W. Spencer. There is little likelihood of any layoffs, however, Spencer added.

The budget is subject to changes and amendments by the governor and State Legislature over the next two months, and is scheduled to be adopted by April 1, the beginning of the state's 1987-88 fiscal year.

The university requested an operating budget of \$103 million for 1987-88. The governor's proposal is for \$98.3 million, which is \$5.34 million more than Cornell's

current operating budget.

Included in the allocation for the daily operation of Cornell's statutory units is \$66.6 million for salaries, some \$700,000 less than the university says it needs. The budget supports the College of Agriculture and Life Sciences, College of Human Ecology, School of Industrial and Labor Relations and the College of Veterinary Medicine. Also included are the Cooperative Extension and the Agricultural Experiment Station at Geneva.

During a press briefing on the governor's budget last week, Spencer said he is particularly concerned with the budget's salary component.

He said that if the requirement to reduce salary expenditures by \$700,000 goes through as is, it probably can be met with normal attrition through retirements and

*Continued on page 8*



A view from Founders Hall on West Campus.

Photo by Claude Levet



## Notable

**John V. Murra**, professor emeritus of anthropology, has been awarded the Great Cross of the Order of the Sun by the government of Peru.

Murra, who joined the faculty in 1968, has conducted extensive field and archival work on the Incas, the last Andean civilization, which was destroyed by the European invasion in 1532. The Sun was a major deity in Andean religion and is Peru's state symbol.

Murra, president of the Institute of Andean Research since 1977, will be teaching at the London School of Economics this spring.

## News service names senior science editor

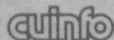
Dennis Meredith, former director of media relations for the California Institute of Technology, has joined the Cornell University News Service as senior science editor. At Cornell, Meredith will supervise the release of news about Cornell research to both print and electronic media.

Announcing Meredith's appointment, Irwin M. Chapman, director of the Cornell News Service, said, "The addition of Dennis to our senior staff gives us the talents of an outstanding science journalist to communicate the results of a quarter-billion dollars annually invested in Cornell research to a public increasingly interested in science coverage."

Meredith, 40, holds a bachelor of science degree in chemistry from the University of Texas and a master of science degree in biochemistry-science writing from the University of Wisconsin.

He has held science writing posts in the news services of the University of Wisconsin and its medical center, the University of Rhode Island and the Massachusetts Institute of Technology, where he was also managing editor for M.I.T.'s "Technology Review" magazine for three years. He joined the staff at Caltech as director of media relations in 1978.

Besides his work as a university science writer, Meredith has written extensively for science magazines and is the author of two books: "Father Power," with psychologist Henry Biller in 1974, and "Search at Loch Ness" in 1976. He also has served as a consultant on science exhibits at the California Museum of Science and Industry, developing educational interactive videodisc and computer graphic programs.



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## Cornell CHRONICLE

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Carole Stone

CIRCULATION MANAGER:  
Joanne Hanavan

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It is the policy of Cornell University to support actively 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 that will assure the continuation of such equality of opportunity.

## Khan to speak

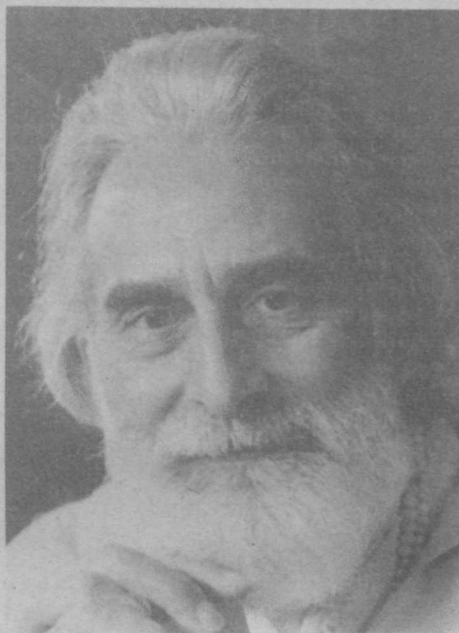
Pir Vilayat Khan, head of the Sufi Order of the West, will give a free public lecture here Jan. 29 on the practical integration of spirituality into everyday life.

The 70-year-old mystic will speak starting at 8 p.m. in the Hollis E. Cornell Auditorium of Goldwin Smith Hall.

Educated at the Sorbonne in France and Oxford University in England, Pir Vilayat has concentrated efforts in North American and Europe as a central figure in the growing dialogue between the mystical schools of Christianity, Islam, Judaism, Buddhism and Hinduism.

A prolific writer, his books include "Introducing Spirituality into Counseling and Therapy," "The Call of the Dervish," and "The Message in Our Time."

His talk here titled "Updating Spirituality" is part of the Thorp Lecture Series administered through the Center for Religion, Ethics, and Social Policy.



Pir Vilayat Khan

## Court limits shanty building

State Supreme Court Justice William Ellison has granted the university a permanent injunction that sets limits on the number, size, and location of pro-divestment shanties on campus.

As part of an agreement worked out Jan. 27, contempt of court charges filed against five people, four of them students, have been dismissed. The five were charged last fall with violating Ellison's July 1985 order that prohibited the erection of shanties and attempts to interfere with their removal.

Lawyers for Cornell and for members of the movement who oppose the university's South Africa investment policy, hammered out the agreement in Ellison's chambers Tuesday, the first day of court proceedings.

The amended injunction, in effect through Dec. 31, 1987, says protesters can have one symbolic shanty as an information

booth during daylight hours on the Arts Quad, Ag Quad, or near Willard Straight Hall, but that a permit must be requested through the vice president for campus affairs.

Restrictions in the court settlement are similar to ones proposed by the university in the spring of 1985, the height of pro-divestment activities that resulted in charges against more than 1,200 people who refused to leave Day Hall after closing time.

The amended injunction, in effect through Dec. 31, 1987, says protesters can have one symbolic shanty or an information booth during daylight hours on the Arts Quad, Ag Quad, or near Willard Straight Hall, but that a permit must be requested through the vice president for campus affairs.

## Western Societies 'Women and Power' seminar series to begin

The Western Societies Program is sponsoring a series of seminars this semester entitled "Women & Power: the Contribution of European Anthropology."

European countries have undergone radical social change since the end of World War II, and nowhere has that change been more deeply felt than among women, said Susan Tarrow, associate director of the Western Societies Program.

Models of gender have a direct impact on family and social life as well as on wider political configurations. The focus of this series is the interaction between gender roles and the manifestation and exercise of power in local communities.

Scheduled speakers are:  
Ruth Borker, University of California,

Berkeley, "Of Variance and Virgins: Models of Gender, Sexuality, and Power in Western Europe," Feb. 1, 2:30 p.m., A.D. White House;

Susan Carol Rogers, New York University, "Playing with Gender in Local Politics: National Integration and Local Diversity in Contemporary France," Feb. 8, 4:30 p.m., A.D. White House;

Ruth Bahar, University of Michigan, "Women and Witchcraft in Spain and Mexico: Some Views from the Inquisition and Beyond," Feb. 22, 4:30 p.m., 153 Uris Hall;

Sylvia Yanagisako, Stanford University, "Genesis and Gender: The Origins of Italian Family Firms," April 12, 4:30 p.m., 153 Uris Hall.

## Rossiter first in Hatch Act series

A series of special symposia featuring seven lectures on topics ranging from the development of agricultural science in the United States to its accomplishments, problems and issues will get under way here on Feb. 5.

Open to the general public and students, the symposium series marks the centennial of the Hatch Act of 1887, which enabled the nation's land-grant universities to establish their agricultural experiment stations. Cornell has two experiment stations, one at

Ithaca and the other at Geneva.

The inaugural symposium speaker will be Margaret Rossiter, an authority on the history of agricultural science and a research associate at the American Academy of Arts and Sciences.

She is currently serving as a National Science Foundation visiting professor in Cornell's Program in History and Philosophy of Science and Technology. She will speak on "The Development of Agricultural Science in the United States."

## Obituaries

### Byron W. Saunders

A memorial service for Byron W. Saunders, professor of engineering emeritus and former dean of the University Faculty, will be held at 3 p.m. Jan. 31 at the Unitarian Church of Ithaca, with the Rev. John A. Taylor officiating.

### Lillian Wolfowitz

Lillian Wolfowitz, 76, who taught undergraduate courses in mathematics at Cornell, died Jan. 9 in Washington, D.C. Her hus-

band, Jacob Wolfowitz, was a professor of mathematics here from 1951 to 1970. He died in 1981.

She is survived by two children: Laura Sachs of Jerusalem and Paul Wolfowitz, presently the U.S. ambassador to Indonesia; three grandchildren; and a brother, Jules Dundes of San Francisco, CA.

Services were held in Washington, D.C., where Lillian Wolfowitz was residing at the time of her death.

Memorial donations may be made to the Hadassa Medical Organization.

## Briefs

■ **Food Science revises curriculum:** The growing concern over storing, handling, and processing food in today's fast-paced urban society, as well as heightened interest in learning about the nutritiousness of foods, prompted the Department of Food Science to completely revise its curriculum.

Starting this semester, students may take courses from two curricula: one in food technology, the other in food science. The food science department is also offering several courses that may be of particular interest to non-majors. Two such courses are "Food Concerns and Issues" and "Nutritional Aspects of Raw and Processed Foods." For more information about food science courses, contact W. Frank Shipe at 255-2804.

■ **English program for visiting scholars:** "English as a second language," a non-credit course for visiting academicians who wish to improve their English language basic skills, particularly speaking and listening comprehension, will be offered in a six-week and a 12-week course.

The six-week course meets four times a week: Monday, Tuesday, Wednesday and Thursday evenings from 4:30 to 6:30 p.m., beginning Feb. 9 and ending March 19. The 12-week course meets twice a week: Monday and Wednesday evenings from 4:40 to 6:30 p.m., beginning Feb. 9 and ending May 6.

All activities will be oriented toward what will be most useful to scholars during their stay and will include informal conversation, formal presentations and individual help with pronunciation.

The course fee is \$400. Registrations should be submitted by 4:30 p.m. Feb. 3. For registration information, call Patricia Updike, 255-7259 and for information about course content, call Mary K. Redmond, 255-8288.

■ **Sibley parking lot shortened:** Cooperation is being sought from holders of "Y" parking permits. Temporary office space in three modular units between the parking lot and Sibley Hall has shortened the length of some parking spaces.

Please park compact and smaller cars on the south side of the lot while the temporary offices for the College of Architecture, Art, and Planning are in place over the next three to five years. Representatives of Engineering and Facilities and Traffic and Parking say the number of spaces is not being reduced.

Drivers and pedestrians using the parking lot are urged to use extra caution because the walkway behind Sibley Hall has been eliminated.

■ **Weather calendar:** The Cornell Chapter of the American Meteorological Society is selling the 1987 Ithaca Weather Calendar, available for \$3 in 113 Bradfield Hall or by mailing a check to CCAMS, 113 Bradfield Hall, Cornell University, Ithaca, N.Y. 14853.

## Graduate bulletin

'Thank you' to the Class of (January) 1987 from Mary Colacurcio, thesis adviser: This class submitted 157 Ph.D. dissertations and 99 masters' theses. With rare exception, students submitted their work within the 60-day deadline and did not wait until the last two weeks.

**Graduate faculty:** The next regular meeting of the graduate faculty will be held 4 p.m., Feb. 2 in Sage Graduate Center. The final degree list from January will be approved.

**Head resident, resident advisor and program assistant positions:** in the graduate residence halls and head resident position in Sheldon Court are available for the 1987-88 academic year. Only full-time graduate students are eligible. Application information available at the Colletown area office, Sage Hall, 255-5356. Deadline, Feb. 6.

**1987-88 Student Assembly Elections** will be held March 17-18.

Graduate students are eligible to run for several seats, a board of trustee position, and can apply to serve on various campus governance committees. Petitions are available from the Office of the Assemblies, 165 Day Hall, 255-3715. Deadline, Feb. 13.



# Astronomers assess NASA after Challenger

A year after the loss of Challenger, some Cornell astronomers find the National Aeronautics and Space Administration obsessed with shuttles and space stations and lacking in leadership and funding for worthwhile scientific missions beyond this planet.

The space agency, which has not launched an interplanetary spacecraft since the late 1970s, should get back to the business of exploring worlds beyond our own, they believe.

"NASA is concerned with short-term fixes," said Joseph A. Burns, a professor of space mechanics and one co-author of a NASA Advisory Council report, "The Crisis in Space and Earth Science: A Time for a New Commitment."

"We need a clear sense of purpose for NASA. What is it about? What is its function?" asked Carl Sagan, the Duncan Professor of Astronomy and Space Sciences and director of the Laboratory for Planetary Studies.

"The space adventure that our technological society finds itself in must have great leaders, political leaders, who understand science and the promise of space," said Yervant Terzian, professor of astronomy and space sciences and chairman of the Department of Astronomy.

All three — as well as other researchers at the university — have an understandable interest in the future of this country's space science efforts. NASA research funding at Cornell totalled \$2.8 million in 1986, primarily in astronomy but also in electrical engineering, theoretical and applied mechanics, aerospace engineering and geological science.

Other Cornell space-related research is funded by federal agencies such as the National Science Foundation (for which Cornell operates the Arecibo radio-radar telescope in Puerto Rico), the Department of Defense and the Strategic Defense Initiative Organization.

Currently, the NASA budget for all purposes is one-sixth of its level 20 years ago — relative to the gross national product — and has risen in only three of the past 23 years, Burns noted.

"There is no question that the gradual erosion of NASA's budget had implications that ultimately led to the Challenger crash," he said. "They were not able to carry out as much study of safety conditions as was needed, nor were they able to rapidly rectify the problems that were discovered."

"We worry that the science programs with their enormous delays will no longer be able to attract top rate engineers," Burns said. "It is very difficult to attract and retain

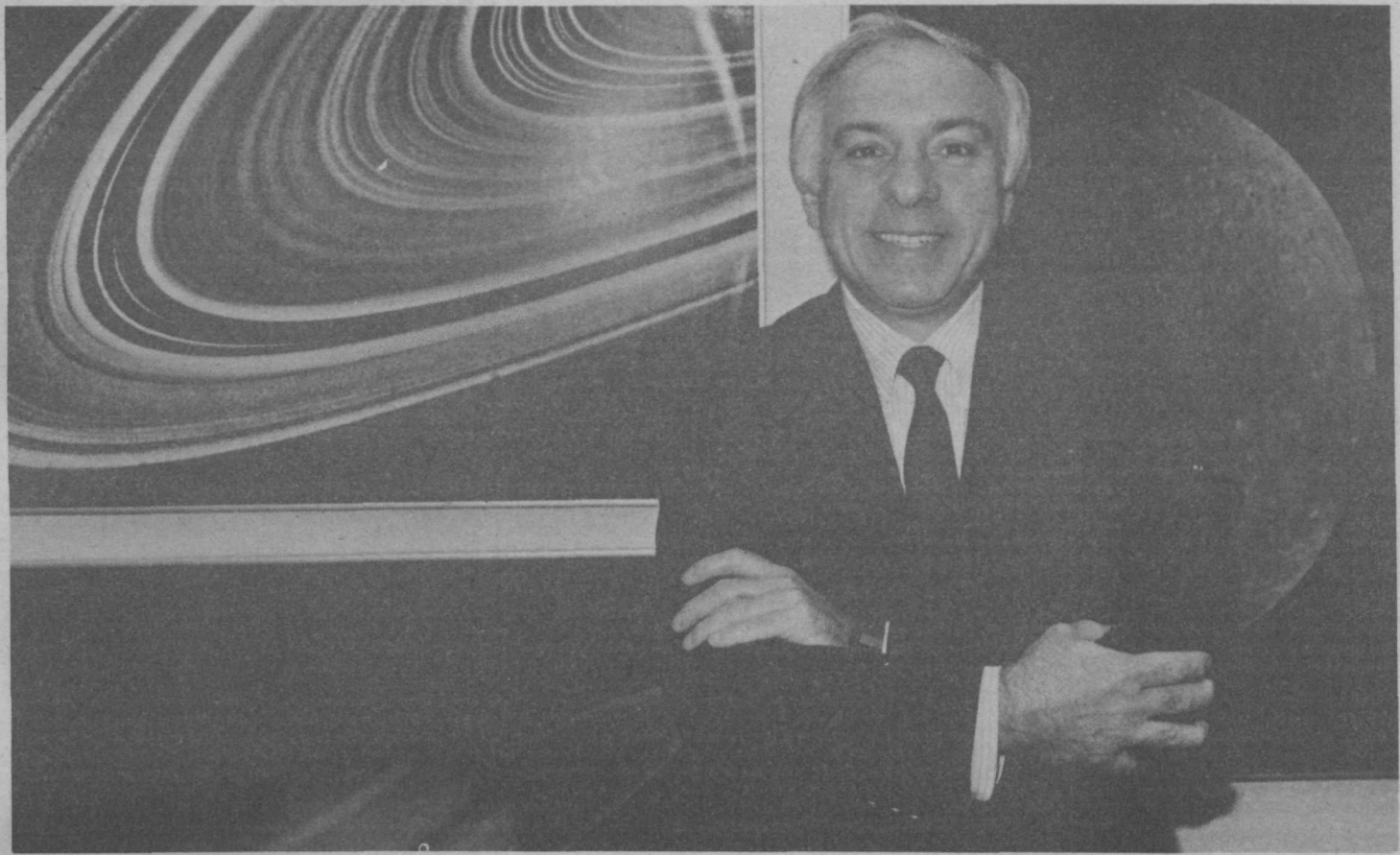


Photo by Claude Levet

Yervant Terzian, chairman of the astronomy department. Behind him are images of Saturn, its rings and Dione, one of its moons.

top-rate people when every year you are saying, 'We are not going to fly anything this year.'

"Another problem is that NASA will not be able to put a \$20 billion space station in orbit without affecting other programs," Burns said. "Construction of an orbiting space station in the early 1990s would require years of dedicated space shuttle flights while further delaying other missions of scientific interest."

Sagan said he originally opposed the concept of a reusable launch vehicle because "its proponents showed that it would achieve break-even only if they were able to launch a shuttle a week for many years." The shuttle program "was fundamentally an effort to stay in business, to have a regular function," he said. "NASA had to invent its own function because no president since John Kennedy has done so."

"There is a sense in which the shuttle program and the shuttle failure are due to a lack of leadership on the highest levels of American government," Sagan maintained.

"NASA needs a clear sense of direction from the top, the president of the United States, and a significant increase, tens of percent, in its budget."

"But without a clear sense of direction and leadership, no amount of money will make NASA what it ought to be," Sagan said.

Terzian called the Challenger failure and the subsequent examination of the space program "a natural evolution of very complex and large scientific projects that have their ups and downs. The future, I hope, will only go up, and we should look forward to new achievements in space."

"I am one who is not very comfortable with the shuttle being manned by astronauts just to launch communications satellites," Terzian said. "Using astronauts for that purpose is extremely expensive and, as we have seen, also dangerous."

One danger in NASA's dependence on manned spacecraft, according to Sagan, is that until shuttle flights resume, as scheduled, in 1988, "The United States can't

launch reconnaissance satellites, which are very stabilizing and very important for peace."

The slower launch rate for shuttles will mean a 50 percent reduction over the next decade of missions of all kinds, Burns estimated. "For science in particular, the delay will mean we fly only about 30 percent of the flights we planned," he said.

Fearful that budgetary pressures will force scrapping of planned NASA projects for reasons that have nothing to do with their scientific value, the Cornell astronomers were unanimous in recommending better long-range scientific advice for political decision-makers.

"Politicians are good human beings; they intend to do good," Terzian said. "But they are so preoccupied with daily affairs, they cannot be experts in scientific areas, and science is very complex today. They must have advisory committees of scientists and specialists — not just for Congress, but also for the central administration."

— Roger Segelken

## Space research goes on

Through the darkest days of the investigation into the 1986 Challenger explosion, lights blazed in Cornell's astronomy building.

Space science researchers and engineers were working on a variety of future National Aeronautics and Space Administration missions, from infrared space telescopes to comet rendezvous instruments.

Long before pencils touch paper in aeronautical design laboratories, distinguished space scientists from Cornell and other institutions serve on NASA policy boards to plan space exploration far into the future.

One result is the widening range of observational capabilities: Gamma rays, X-rays, infrared radiation, radio waves and radar are telling astronomers more about space than their eyes and optical telescopes can detect. Other Cornell astronomers lobby unofficially for or against particular projects.

Throughout the planning and implementation of the space shuttle program, astronomy Professor Thomas Gold told anyone who would listen that he thought reusable manned vehicles unnecessarily dangerous. The day of the Challenger explosion, he took to television and said he told them so.

Speaking through the Planetary Society, the organization of space enthusiasts he organized, Professor Carl Sagan advocates a joint U.S.-Soviet "manned and woman" mission to Mars. So far, Sagan, hasn't persuaded either government to mingle astronauts and cosmonauts on the red planet. But he claims the backing of Soviet and American scientists, world church leaders and even Lt. Gen. James A. Abraham-

son, director of the Strategic Defense Initiative Office.

Cornell space scientists, aided by graduate students, become involved in all stages of NASA missions, beginning with feasibility studies and design, construction of instruments, and service on NASA science teams when the results come in.

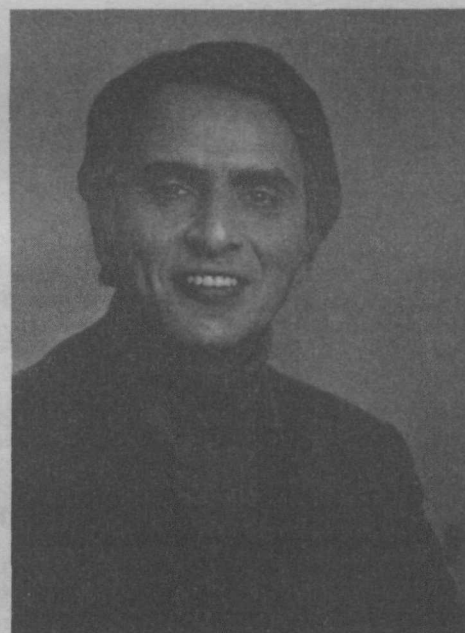
Analyzing data from space probes continues for years afterward, and Cornell astronomers receive NASA grants to look for what was missed the first time through. SPIF, the Spacecraft Planetary Imaging Facility in the Space Sciences Building, is one of several NASA-sponsored repositories where data is analyzed.

According to Department of Astronomy Chairman Yervant Terzian, "Cornell astronomy and space scientists have played a very active role in the space program, beginning with the Apollo project, the Mariner missions to Mars and the Voyager mission: to the outer planets."

"Department faculty members are very much involved in the project called Galileo, which will visit Jupiter and parachute payloads into the atmosphere," Terzian said, noting that most computer software for that mission is being developed at Cornell.

Among other NASA projects Cornell space scientists are helping to build or planning to use:

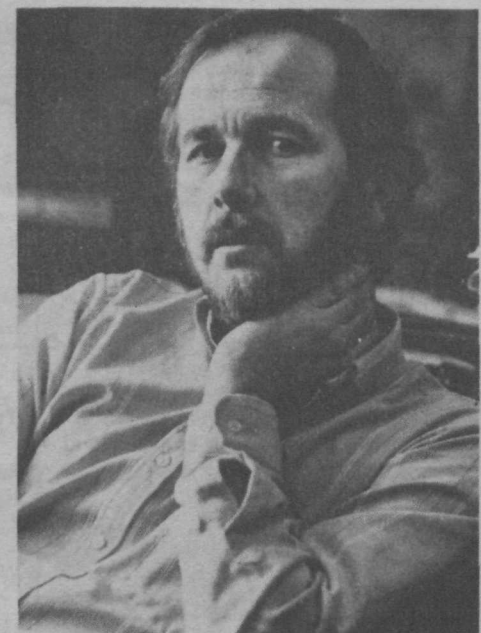
- SIRTIF, the Space Infrared Telescope Facility that is planned to orbit Earth and observe astronomical objects that emit more infrared radiation than visible light. Infrared spectrometers that will be the eyes of the satellite are being designed here, with assistance of specialists at other institutions, by



Carl Sagan

James Houck, Steven Beckwith and Terry Herter.

- CRAF, the proposed Comet Rendezvous Asteroid Flyby, has Cornell's Joseph Burns and Joseph Veverka among its planners. Astronomers interested in the origin and composition of comets hope to intercept Comet Tempel 2 as it passes Jupiter in 1992. The spacecraft's television cameras, surface penetrator and other instruments could travel with the "dirty snowball" around the sun. On the way to the comet rendezvous, CRAF could provide the closest-ever view of another type of primitive object, the asteroids orbiting between Mars and Jupiter.
- Magellan, a spacecraft that would



Joseph A. Burns

become a satellite of Venus, penetrating that planet's murky atmosphere with radar to map the surface in greater detail than was possible from the Cornell-operated Arecibo radio-radar observatory in Puerto Rico.

- Mars Orbiter will circle that planet to study its climate and chemistry. Steven Squyres is developing instrumentation to peer through the Martian surface and observe its permafrost layer.

- Cornell astronomers are lining up to use the Earth-orbiting Space Telescope, also known as the Hubble Telescope, which may be launched in 1988. Terzian hopes to study gases produced when stars explode and die.

— Roger Segelken



# CALENDAR

All items for the calendar should be submitted (typewritten, double spaced) by campus mail, U.S. mail or in person to Chronicle Calendar, Cornell News Service, Village Green, 840 Hanshaw Road.

Notices must be received 10 days prior to publication and must include the name and telephone number of a person who can be called if there are questions.

Notices should also include the sub-heading of the calendar in which the item should appear.

## DANCE

**Cornell Folkdancing**

Cornell Folkdancers will meet on Sundays in January from 7:30 -10:30 p.m. in Martha Van Rensselaer. Beginners welcome, no partners needed. For more information call 257-3156.

## EXHIBITS

**Johnson Art Museum**

The Herbert F. Johnson Museum of Art, located on the corner of University and Central avenues, is open Tuesday through Sunday from 10 a.m. to 5 p.m. Admission is free. Call 255-6464 for further information.

**One Man's Nature: Works on Paper by Steven Barbash.** Jan. 20 through March 8. The exhibition features 50 works by Barbash, Distinguished University Professor at the State University of New York at Cortland, and includes his monumental landscape drawings.

**The 1987 Council of Creative and Performing Arts Exhibition of Individual Awards,** Jan. 27 through March 8. Covering three years of awards the exhibit demonstrates the diverse talents of Cornell students and staff members. Works range from painting, sculpture and graphics to video, musical scores and apparel design.

**Members' Reception:** An opening for museum members will celebrate the exhibitions of the new year Jan. 31 from 8 to 10 p.m. Invitations or membership cards required for admittance. Memberships may also be purchased at the door.

**Gallery closed:** The George and Mary Rockwell Galleries of Asian Art on the fifth floor will be closed until mid-February to facilitate the installation of new carpeting and wall coverings.

## FILMS

Unless otherwise noted, films are sponsored by Cornell Cinema. An (\*) indicates admission is charged.

**Thursday 1/29**

"Gilda" (1946), directed by Charles Vidor, with Rita Hayworth and Glen Ford. Open. 8 p.m., \*Uris.

**Friday 1/30**

"Three Men and a Cradle" (1986), directed by Coline Serreau, with Roland Giraud, Michel Boujenah and Andre Dussolier. Open. 7:15 p.m., \*Uris.

"A Matter of Heart" (1985), directed by Mark Whitney, about the life and work of Carl Jung, with Carl Gustav Jung. Open. Ithaca premiere. 9:30 p.m., \*Uris.

"Back to School" (1986), directed by Alan Metter, with Rodney Dangerfield, Sally Kellerman and Burt Young. Shown with short "Tom Goes to the Bar" (1986), directed by Dean Parisot, with Tom Noonan. Limited. 8 p.m., \*Statler.

"House of Wax" in 3D!, directed by Andre DeToth, with Vincent Price, Frank Lovejoy and Phyllis Kirk. Limited. 10:15 p.m., Statler. Admission \$3 (includes glasses).

**Saturday 1/31**

"Three Men and a Cradle," 9:45 p.m. \*Uris.

"A Matter of Heart," 7:30 p.m. \*Uris.

"Back to School" and "Tom Goes to the Bar," 10:15 p.m. Limited. \*Statler.

"House of Wax," 8 p.m. Limited. Statler. Admission \$3 (includes 3D glasses).

**Sunday 2/1**

"Dial M for Murder" in 3D! (1954), directed by Alfred Hitchcock, with Grace Kelly and Ray Milland. Limited. 8 p.m., Statler. Admission \$3 (includes glasses).

**Monday 2/2**

"Dona Herlinda and Her Two Sons" (1986), directed by Jaime Hermsillo, with Guadalupe Del Toro and Arturo Meza. Open. 8 p.m., Uris. Premiere Night Admission \$2.



Mark Lebowitz of Long Island, airborne from the roof of Uris Library, heads down Libe Slope.

**Tuesday 2/3**

"Body and Soul" (1924), directed by Oscar Micheaux, with Paul Robeson, Marshall Rodgers and Julia T. Russell. Open. 8 p.m., \*Uris.

**Wednesday 2/4**

"Local Hero" (1983), directed by Bill Forsyth, with Burt Lancaster and Peter Riegert. Limited. 8 p.m., \*Uris. Co-sponsored with the Organization of Cornell Planners.

## LECTURES

**China - Japan Program**

"Foundations of the North East Asian Political Economy," Bruce Cummings, associate



The scene at Barton Hall last weekend as students registered for classes.

## MUSIC

**Bound for Glory**

Wild Asparagus - New England dance tunes, Feb. 1. Broadcast live on FM 93 (WVBR) on Sundays from 8 to 11 p.m., with live sets at 8:30, 9:30 and 10:30 p.m. Performances are free and open to the public.

**Arlo Guthrie and Band**

Arlo Guthrie will perform at 8 p.m. Feb. 1 in Barnes Hall. Reserved seats are \$8.50 and \$9.50 and are available at the Willard Straight Hall ticket office, Discount Records, Ithaca Guitar Works and all Ticketron outlets. Tickets will also be on sale at the door, beginning at 3 p.m. the day of the show.

**Cornell University Musical Events**

Magelone Songs by Brahms. Donald Miller, bass; Robert Kopelson, piano; Cynthia Lake, narrator. 8:15 p.m., Jan. 30. Barnes Hall.

Student Recital: Stephan Leroy, piano. Works by Beethoven, Schubert, Debussy. 4 p.m., Feb. 1. Barnes Hall.

Works by Schubert and Beethoven. Kathryn Stuart, fortepiano; Yenoin Guibbory, violin; Edward Swenson, tenor. 8:15 p.m., Feb. 2. Barnes Hall.

Sponsored by the Department of Music and in part by the Cornell Council of Creative and Performing Arts. Admission is free. For information call 255-4760.

## RELIGION

**Sage Chapel**

Robert Cramton, Robert S. Stevens Profes-

professor, Henry M. Jackson School of International Studies, University of Washington, Seattle, noon, Feb. 4, 204 Uris Hall.

**Thorpe Lecture**

"Updating Spirituality," Pir Vilayan Inayat Khan, a contemplative and teacher who synthesizes the mystical wisdom of the world's religions with the new paradigms of physics and psychology, 8 p.m., Jan. 29, Hollis Cornell Auditorium, Goldwin Smith Hall. Sponsored by CRESP.

**Western Societies Program**

"Of Variance and Virgins: Models of Gender, Sexuality, and Power in Western Europe," Ruth Borker, University of California at Berkeley, 2:30 p.m., Feb. 1, A.D. White House. First in a series on "Women and Power: The Contribution of European Anthropology."

**A. D. White Lectures**

"Urbanism and Urbanity: The Gardens and Urban Furniture of Haussmann's Paris," Francoise Choay, historian of architecture, urbanism and preservation, University of Paris, 5:30 p.m., Feb. 4, 115 Tjaden Hall.





Photos by Claude Levat

RNA Binding and Cell Viability," Alan Sachs, Department of Cell Biology, Stanford Medical School, 4:30 p.m., Jan. 30, 204 Stocking Hall.

#### Biophysics

"Laue Diffraction from Macromolecular Crystals," Keith Moffat, Section of Biochemistry, Molecular and Cell Biology, 4:30 p.m., Feb. 4, 700 Clark Hall.

#### Chemistry

"Recent Kinetic Studies on Some Radicals and Radical Traps," Keith U. Ingold, National Research Council, Ottawa, 4:40 p.m., Feb. 5, 119 Baker Laboratory.

#### Ecology and Systematics

"Crab predation, developmental stability, and morphological evolution in a New England snail," Robin Hadlock Seeley, postdoctoral fellow, Section of Ecology and Systematics, 4:30 p.m., Feb. 4, Morison Seminar Room, A106 Corson/Mudd Hall.

#### Floriculture and Ornamental Horticulture

"Stewart Park - Controversy and Opportunity," Peter Trowbridge, Landscape Architecture Program, 12:15 p.m., Feb. 5, Room 37 Plant Science.

#### Food Science & Technology

"The Importance of Emulsion Stability to Ice Cream Manufacture," Douglas Goff, graduate student, 4:30 p.m., Feb. 3, 204 Stocking Hall.

#### History & Philosophy of Science and Technology

"Technology in the Context of Social and Cultural History," Svante Lindqvist, Royal Institute of Technology, Stockholm, Sweden; Visiting Professor, University of California, Berkeley, 4:30 p.m., Feb. 4, 165 McGraw Hall.

#### Neurobiology and Behavior

"Behaving for Survival: What do Successful Baboons Do?" Jeanne Altman, University of Chicago, 12:30 p.m., Jan. 29, Morison Seminar Room, Corson/Mudd Hall.

"Baboon Grooming Behavior: Ecological, Social and Evolutionary Aspects," Carol Saunders, Thesis Seminar, 11:15 a.m., Jan. 30, Morison Seminar Room, Corson/Mudd Hall.

#### Organizational Behavior

"Resocialization Adjustment of Blue-collar Workers after Relocation," John Cotton, Krannert Graduate School of Management, Purdue University, 4 p.m., Jan. 29, Room 200, ILR Conference Center.

#### Ornithology

"Impressions of Yellowstone," John McShane, Department of Natural Resources, 7:45 p.m., Feb. 2, Fuertes Room, Laboratory of Ornithology.

#### Plant Pathology

"Cloning genes for phytoalexin detoxification and their importance in pathogenesis," Hans VanEtten, 4:30 p.m., Feb. 3, 222 East Roberts.

"Packaging, delivery, and enhanced expression of recombinant RNAs utilizing components of tobacco mosaic virus," T.M.A. Wilson, John Innes Institute, Norwich, England, 4 p.m., Jan. 30, 101 Bradfield.

#### Society for the Humanities

"Discourses of Mass Culture: 1890's," Richard Ohmann, professor of English, Wesleyan University, 4:30 p.m., Feb. 2 and 4; Guerlac Room, A.D. White House.

#### South Asia Series

"Who is a Sikh?," W.H. McLeod, professor of history, University of Otago, Dunedin, New Zealand and Canadian Commonwealth Research Fellow, University of Toronto, 12:15 p.m., Jan. 30, 153 Uris Hall.

#### Vegetable Crops

"It takes time to start your business," Jackie Baker, Bakers Acres, North Lansing, 4:30 p.m., Jan. 29, 143 Plant Science.

## MISC

#### Library Tours

Tours of the Uris Undergraduate Library will be given Jan. 29 and 30. Interested persons should meet at the Uris Circulation Desk on the following days and times, Jan. 29 at 10:10 a.m. and Jan. 30 at 11:15 a.m. Handicapped students needing special tours should call 255-2339.

#### Intramural Volleyball

Men's, women's and co-ed volleyball teams' entries due by 4 p.m. Feb. 2, in the Intramural Office, Helen Newman Hall. Fee \$10 per team.

#### Intramural Cross Country Skiing

Men's, women's and co-ed teams. Meet will be held on the University Golf Course, 4:35 p.m., Feb. 20. Deadline on entries 4 p.m., Feb. 4, in the Intramural office. Fee \$2 per team.

#### Off-Campus Housing Fair

Exhibits, displays and information concerning housing options for next year, plus transportation, utility costs, energy conservation, landlord-tenant relations, consumer issues, crime prevention and fire safety, 10 a.m. to 3:30 p.m., Feb. 5, in the Willard Straight Memorial Room. Sponsored by the Off-Campus Housing section of the Dean of Students Office. For information call 255-5373.

#### Biology & Society

"Public Agricultural Research: Historical and Comparative Perspectives," organizational meeting for students attending Biology & Society 400.1, lectures and discussions for credit, 3 to 4 p.m., Jan. 29, 278 Clark Hall.

son of Law at the Cornell Law School, will preach on Feb. 1 at 11 a.m.. His sermon topic will be "The Ordinary Religion of the University Classroom."

Professor Cramton served as dean of the law school from 1973 to 1980. In 1983 he was elected the Robert S. Stevens Professor of Law.

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

#### Catholic

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

Daily masses: Monday through Friday, 12:20 p.m., Anabel Taylor Chapel.

Sacrament of Penance, Saturdays from 3 to 4 p.m., G22 Anabel Taylor, or by appointment, 255-4228.

#### Christian Science

Testimony Meeting: Every Thursday, 7 p.m. in the Anabel Taylor Founders Room.

#### Episcopal (Anglican)

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

#### Friends (Quakers)

Sunday, 9:45 a.m., adult discussion, 11 a.m. meeting for worship, Edwards Room, Anabel Taylor Hall.

#### Jewish

Morning Minyan: 7:30 a.m. Young Israel House, 106 West Avenue. Call 272-5810.

Orthodox Shabbat Services: Every Saturday, 9:15 a.m., Anabel Taylor Edwards Room.

#### Korean Church

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

#### Muslim

Sunday through Thursday, 1 p.m., 218 Anabel Taylor Hall. Friday 1 p.m. Anabel Taylor Edwards Room.

#### Protestant

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



...another way of descending the Slope.

## SEMINARS

#### Agriculture and Life Sciences

"Particle size distribution and soil physical properties," Randel Haverkamp, senior research scientist, Institut de Mecanique, CNRS, Universite Scientifique et Medicale de Grenoble, France, 1:30 p.m., Feb. 2, 205 Riley, Robb Hall.

#### Agronomy

"Some adventures with multiple ion uptake models of the root-soil system," D. Bouldin, Department of Agronomy, 4 p.m., Feb. 3, 135 Emerson.

#### Biochemistry, Molecular & Cell Biology

"A Single Domain of Yeast Poly (A) - Binding Protein is necessary and Sufficient for

"The Development of Agricultural Science in the United States," Margaret W. Rossiter, National Science Foundation visiting professor in Cornell's Program in History and Philosophy of Science and Technology and research associate at the American Academy of Arts and Sciences, 3 p.m., Feb. 5, Morison Room, Corson/Mudd Hall.

#### International Nutrition

"Energy intake in four villages in South China: A survey in progress," Thierry Brun, visiting professor, Program in International Nutrition and International Agriculture, Division of Nutritional Sciences, 12:45 p.m., Feb. 5, 100 Savage Hall.

#### Mechanical and Aerospace Engineering

"Recent Progress in the Simulation of Deformation Processes," Paul R. Dawson, 4:30 p.m., Feb. 3, 282 Grumman.

#### Near Eastern Studies

"Scrounging in the Interstices: The Zabba-leen of Cairo," Leyla Neyzi, graduate student, Rural Sociology, noon, Feb. 4, 374 Rockefeller Hall. Bring Lunch.



# Job Opportunities

## Administrative and Professional

The minimum salaries listed are for recruitment purposes only.

### ADMINISTRATIVE SUPERVISOR II (PA033) Int'l Studies

Manage fin., computer-database & admin. systems for Center. Develop & document standard procedures & data bases for Center. Develop, prepare & monitor research & Center budgets.

Req.: BS or equiv. Some formal ed. in computer systems. 1-2 yrs. relevant exp. in computer & financial systems (accounting-budgeting). Knowledge of computer systems & software eg., D Base III, Lotus, Wordperfect. Strong interpersonal & comm. (written & oral) skills. Send cover letter & resume to Cynthia Smithbower by 2-6.

### RESEARCH SUPPORT SPECIALIST (PT034) Vet Microbiology-Baker Inst.

Operate & maintain a research service function. Schedule users, maintain & operate HPLC. Maintain & repair wide range of analytical equip. Assist in developing integrated equip. arrays. Maintain operating log on major equip. Arrange for assistance in equip. repair. Monitor service contracts. Provide user instruction.

Req.: BS in bio. or biochem. 2 yrs. exp. Demonstrated mechanical aptitude. Send cover letter & resume to Judi Pulkinen by 2-13.

### ADMINISTRATIVE MANAGER II (PA026) Summer Session

Report to associate dean, responsible for managing financial & business operations of an academic division.

Req.: BS or equiv., MBA pref. 3-5 yrs. management exp. in fiscal control, administration & supervision in university setting. Extensive knowledge of Cornell. Able to develop micro-computer applications. Excellent organizational, oral, & written communications skills. Send cover letter & resume to Cynthia Smithbower by 2-6.

### TECHNICAL CONSULTANT (PT024) Chemistry

Assist Busn. Manager in development, maintenance & improvement of new & existing manual & automated accounting & information systems. Provide analytical & processing support to maintain proper account balances.

Req.: BS, Acctg. & Comp. Sci. courses. In-depth knowledge of Lotus, dBase III, exp. in programming & documentation preparation pref. Analytical & interpersonal skills req. 6 months exp. with CU accounting system desirable. Send cover letter & resume to Judi Pulkinen by 2-6.

### TECHNICAL CONSULTANT (PT022) Johnson Graduate School of Management

Responsible for writing documentation for Cornell Local Acctg. System Project, training users in dBase III & accounting system. Communicate user needs & problems to Advisory Committee.

Req.: BS. Excellent written, verbal communication & interper. skills. Knowledge of micro-computers & dBase III. Exp. with Univ. Acctg. & Budgeting systems helpful. Send cover letter & resume to Judi Pulkinen by 2-6.

### PROGRAM COORDINATOR (PA472) Cornell Adult University-Report

Resp. for all aspects of developing, advertising, administering, supervising, & evaluating CAU summer youth program, incl. program staffing, facilities & support systems; budgeting; staff orient., training & on-site supervision. 1/2 time Feb.-Apr., Aug., & Sept.; Full time May, June, July.

Req.: MS or equiv. in youth ed. or related field. Exp. in youth recreational programming, particularly program design & administration. Must demonstrate exceptional ability to represent CAU in dealings with many constituencies including youth, students, parents, alumni, University faculty & staff, & others. Send cover letter & resume to Cynthia Smithbower.

### TECHNICAL CONSULTANT III (PT017) Theory Center

Provide full range of consult services to researchers using resources of Center, incl. Na. Supercomputer Facility, Theorynet, & possible Experimental Facility.

Req.: BS in computer sci. or 1 of the phys/bio/eng sci. 3-5 yrs. exp. with mainframe computers essential, VM-CMS & array processors desirable; fluency in at least 2 prog. lang.; ability to work with complicated programs; strong written, interpersonal & communication skills. Send cover letter & resume to Judi Pulkinen by 1-29.

### TEACHING SUPPORT SPECIALIST I (PT0120) Agricultural Engineering

Support teaching engineering & technology level courses in power & machinery area of Agricultural Engineering. Prepare visuals & materials for lab & lecture instruction. Maintain teaching lab.

Req.: BS or equiv. Knowledge of farm machines, equip. Good math, physical sci. & computer background. Exp. with computers & data acquisition equip. desirable. Send cover letter & resume to Judi Pulkinen by 1-29.

### APPLICATIONS PROGRAMMER II (PT0123) Civil Engineering

Design, modify, & maintain interactive-graphics-based instructional programs & system utilities in VMS & Unix. Assist in preparing & presenting workshops on adapting & using software. Assist in maintaining computer facilities.

Req.: BS degree in structural engineering pref. or equiv. 2-5 yrs. exp. in applications & systems programming; knowledge of VAX-VMS, Unix, C, FORTRAN, interactive graphics & user interfaces, good communication & interpersonal skills. Send cover letter & resume to Judi Pulkinen by 1-29.

### RESEARCH SUPPORT SPECIALIST I (PT019) Theor. & Appl. Mech.

Provide support to research programs involving judgments in Data Determination. Work in office & lab environment utilizing IBM, DEC, & Prime computers for Data analysis & report generation.

Req.: BS in any physical sci. with upperclass

courses in physics or elec. engr. or equiv. Familiar with computers & basic electronic lab equip.; willing to learn new software & hardware. Send cover letter & resume to Judi Pulkinen by 1-29.

### RESEARCH SUPPORT AIDE (PT0124) Agricultural Engineering

Design & execute experiments (operate, maintain & monitor anaerobic reactors); maintain & operate lab instruments (gas chromatography); analytical procedures for experimental analysis; prepare lab chemicals; progress reports & data analysis.

Req.: BS in engr., chem., bio., or equiv. Familiar with gas chromatography tech. for volatile acids & gas analysis; knowledge of solids analysis equip. & procedures. Send cover letter & resume to Judi Pulkinen by 1-29.

### DIRECTOR, UNIVERSITY EVENTS (PC336) Office of the Vice President, Public Affairs

Plan & direct Presidential Councillors & events sponsored by private funding or Univ. units. Serve as primary liaison with the Office of the President; monitor special legacy admissions. Supervise supporting staff.

Req.: BA or equiv.; 3 yrs. exp. in planning & coordinating major social & educational events targeted to special audiences desirable. Supervisory exp. necessary; demonstrated exp. in planning & monitoring diverse multiple activities. Excellent written & oral comm skills. req. Send cover letter & resume or call in confidence to Esther Smith 607-255-6874.

### TEACHING SUPPORT SPECIALIST (PT443) NYSSILR-Report

Assist in intro. statistics; supervise teaching assts.; assist individual or groups of students requiring help; coordinate scheduling of class & seminar rooms & computer labs.

Req.: BS in statistics or equiv. Excellent organizational, interpersonal & communication skills necessary. Send cover letter & resume to Judi Pulkinen by 1-29.

### SR. TECHNICAL CONSULTANT (PT4712) Computer Services-Report

Provide high-level stat. computing support services through teaching, consulting & evaluating software. Support related research computing applications, including stat. graphics & database systems.

Req.: MS or equiv. in stats. or related discipline. 3-5 yrs. exp. as a stat. computing consultant; in-depth knowledge of mainframe & microcomputer statistics software. Send cover letter & resume to Judi Pulkinen.

### RESEARCH SUPPORT SPECIALIST I (PT397) Food Science & Tech. Geneva-Report

Provide tech. support involving growth, maintenance & preparation of plant material. Perform biochem. separations, enzyme purification & assays, electrophoretic & immunological work. Record & statistically evaluate data, computerized updating of literature file, & lab. maintenance.

Req.: B.S. in bio., biochem., molecular bio. or related field. Master's pref. Strong proficiency in advanced HPLC, electrophoresis, radioisotopes, biochemical separations & immunology req. Send cover letter & resume to Charie Hibbard, Box 15, Roberts Hall, Cornell University.

## Clerical

CURRENT EMPLOYEES should submit an employee transfer application, resume and cover letter. Also, if you are interested in a career development interview, please contact Esther Smith at 5-6874 to schedule an appointment.

OUTSIDE APPLICANTS should submit an employment application and resume. 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 whereby outside 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: OPEN INTERVIEWING FOR OUTSIDE APPLICANTS interested in clerical positions will be conducted every Wednesday afternoon from 1:00 - 6:00 p.m. in our East Hill Plaza Employment Office. No appointment is necessary, however a short wait may be required. Call Esther Smith or Lauren Worsell if you have any questions.

### ADMINISTRATIVE AIDE, GR20 (C0312) City & Regional Planning

Provide Chairperson with organizational, administrative & advanced sec. support. Supervise staff; assist students, staff & faculty during the absence of Administrative Supervisor.

Req.: A.A.S. or equiv. Min. 2-4 yrs. exp. in an educational, business government. Excellent sec. skills including typing, transcription (manually & machine) microcomputer. Able to write, edit & proof various written materials. Strong organizational skills. Minimum Bi-weekly Salary: \$482.33

### ADMINISTRATIVE AIDE, GR19 (C031) Vet Administration

Provide sec., admin., word processing & clerical support. Req.: A.A.S. or equiv., med. typing. Able to operate office equip. (word processor, micro computer, terminals, duplicating equipment, etc.). Confidentiality essential. Able to set priorities & work in a complex, active environment. Minimum Bi-weekly Salary: \$457.09

### ADMINISTRATIVE AIDE, GR19 (C039) Academic Computing

Provide admin. support. Manage office information flow; oversee student workers; maintain mailing lists for user groups; coordinate software sales to campus store. Other duties as assigned.

Req.: A.A.S. or equiv. Med. typing. Min. 1 yr. or more office exp. Exp. with office software on microcomputers. Minimum Bi-weekly Salary: \$457.09

### OFFICE ASST., GR18 (C036) Graphic Arts

Serve as primary contact between customers & Print shop for placement, tracking & delivery of print & mail orders; records & files job records.

Req.: H.S. dip. or equiv. Light typing. Excellent comm. (verbal) skills essential. Familiar with microcomputer operation & print shop terminology. Must have keen sense for detail & accuracy. Minimum Bi-weekly Salary: \$431.43

### SECRETARY, GR18 (C037) Agronomy

Type class & research material, corresp., manuscripts & travel vouchers; make travel arrangements; other duties as assigned.

Req.: H.S. dip. or equiv. Heavy typing. Sec. school desirable. Min. 2-3 yrs. exp. Able to use Mac Plus Word Processor & IBM PC computer. Minimum Bi-weekly Salary: \$431.43

### SECRETARY, GR18 (C038) Agronomy

Provide admin.-sec. support. Answer phone; scheduling; typing; filing, handling corresp. & travel arrangements. Other duties as assigned.

Req.: H.S. dip. or equiv. Sec. school desirable. Min. 2-3 yrs. exp. Able to use Mac Plus Word Processor. Minimum Bi-weekly Salary: \$431.43

### SECRETARY, GR18 (C035) University Health Services

Provide sec. support for 9 therapists. Assist in maintaining patient flow, client records; answer phone; schedule appointments; type; file; other duties as assigned. 10.5 month position.

Req.: H.S. dip. or equiv. Heavy typing. Min. 2 yrs. exp. Able to use dictating equip. Deal with a variety of people. Some familiarity with psychological terminology. Confidentiality essential. Able to set priorities & work in a complex active environment. Minimum Bi-weekly Salary: \$431.43

### OFFICE ASSISTANT, GR16 (C0313) Personnel Services

Provide receptionist & clerical support to Staffing Services. Route a large number of daily phone calls; greet visitors; handle inquiries (in person & on phone); sort mail; assist in maintenance of applicant file system; distributing dept. materials. Other duties as assigned.

Req.: H.S. dip. or equiv. At least 1-2 yrs. office exp. Exp. working with a switchboard & interest in personnel field pref. Demonstrated excellent org., interpersonal & communication skills. Ability to work in a complex, active environment. Minimum Bi-weekly Salary: \$390.08

### LC CATALOGER, GR20 (C454) Catherwood Library-Report

Catalog serials with copy using RLIN; descriptive cataloging of monographs; train & supervise new student assistants including revision of their work. Other duties as assigned.

Req.: BS or equiv., social sciences courses helpful. Med. typing. Min. 1 yr. cataloging exp., pref. on RLIN. Knowledge of AACR2, LC classification & subject headings & MARCII format. Exp. with computer searching & inputting techniques. Absolute accuracy & ability to handle details with discretion & judgment. Minimum Bi-weekly Salary: \$482.33

## General Service

Employees interested in General Service positions should submit a transfer application to the Cornell Employment Office, East Hill Plaza. Outside applicants should apply in person at the East Hill Plaza Employment Office, Monday-Friday, 9 am-12 noon. Phone requests and cover letters are not accepted unless specified.

### COOK, SO18 (G037) Residence Life-Endowed

Clean, prepare & cook food for Univ.-owned fraternity. Clean all food preparation areas, cooking areas, & assist in keeping storerooms & refrigerators sanitary. Aid student steward in menu-planning & food purchases as needed. Mon.-Fri., 7 hrs. per day, 4 hrs. Sat.

Req.: H.S. dip. or equiv. Able to follow recipes accurately, operate standard food preparation & cooking equipment. Exp. in large quantity preparation essential. Some yrs. exp. as a cook. Good organizational skills. Able to work with little supervision & with student volunteers. Able to supervise student helpers pref. Minimum hourly rate: \$5.71

### OFFICE ASSISTANT, GR18 (G0314) Residence Life

Responsible for complete mail service of an area comprised of 1,500 students & North Campus staff during academic year & summer. Supervise student employees.

Req.: H.S. dip. or equiv. College background pref. Mailroom supervisory exp. pref. Able to work well with people. Good communication skills & organizational ability necessary. Minimum Bi-weekly Salary: \$431.43

### NURSE AIDE, SO17 (G036) Health Services-Endowed

Assist clinicians & nurses; prepare patients for medical examinations; clean & stock examining rooms & prepare solutions. Rotating shifts 5 days per week. 8:30 5:00 & 4:30 12:00.

Req.: H.S. dipl. or equiv. Nurse Aide-Health Asst. certificate pref. Recent exp. in health related service desired. Strong interpersonal & communication skills. Able to work independ. in emergency cases. Minimum hourly rate: \$5.42

### NUTRITION AIDE, GR17 (G031) NYC Extension Program-Jamaica NY

Work with low income families & children to acquire knowledge & skills for improving nutritional quality of their diets. Take req. 3 wk. training, teach mothers & youth essentials of nutrition & increase their knowledge & skills in selecting & using foods.

Req.: H.S. dip. or equiv. req. Minimum Bi-weekly Salary: \$409.53

### TECHNICAL AIDE, SO17 (G033) Physiology-Statutory

General lab dishwashing & cleaning, photocopying of scientific materials & papers, collect materials used in experiments, wash & individually package for sterilization.

Req.: H.S. dip. or equiv. Previous lab exp. pref.

Minimum hourly rate: \$5.42

### FOOD SERVICE WORKER, SO16 (G035) Dining Services-Endowed

Prepare, present & serve food items for Co-op, cash, catering, or special events. M-F; shift subject to change.

Req.: H.S. dip. or equiv. 1 yr. related exp. Working knowledge of food preparation & presentation. Able to operate choppers, slicers, mixers, ovens, steam kettles, pressure steamers & various hand tools. Good customer relation skills. Minimum hourly rate: \$5.14

### CUSTODIAN, SO16 (G034, G038, G0310, G0311, G0312, G0313) Buildings Care-Endowed

Provide general maintenance & custodial care of buildings & grounds in immediate vicinity of assigned area. Mon.-Thurs., 6:00 a.m.-2:30 p.m.; Fri. 6:00 1:30 p.m.

Req.: H.S. dip. or equiv. Able to operate a variety of heavy power equip., lift 50 lbs. & climb an 8 foot ladder. Minimum hourly rate: \$5.14

### FOOD SERVICE WORKER, SO14 (G039) Dining Services-Endowed

Set-up, display & serve food & beverage in service & dining areas. M-F; shift subject to change.

Req.: H.S. dip. or equiv. Basic reading & computation skills. Good customer relation skills. Knowledge of food handling pref. Minimum hourly rate: \$4.66

## 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 Judi Pulkinen. Current Cornell employees should submit an employee transfer application, resume and cover letter. Outside applicants with training or experience in the following areas are encouraged to apply: biochemistry, chemistry, microbiology, electronics, physics and licensed animal health technicians.

### COMPUTER OPERATOR, GR22 (T032) Computer Services

Operate large scale computer systems & peripheral equip.; monitor data communications networks. Consult with vendor customer engineers & dept. support staff.

Req.: A.A.S. degree or equiv. 1-2 yrs. related exp. Computer operating exp. req., data comm. exp. helpful. Knowledge of computer hardware, software, operating systems, & programming languages. Send cover letter & resume to Judi Pulkinen by 2-13. Minimum Bi-weekly Salary: \$539.94

### TECHNICIAN, GR20 (T031) Pharmacology

Conduct experiments involving radioligand binding & fluorescence assays; prepare solutions, analyze & tabulate data; record changes resulting from experiments.

Req.: BS in Biochem., Neurobio. or equiv.; 1 yr. lab exp. Familiar with balances, pH meter, peristaltic pumps, fraction collectors, centrifuges, beta & gamma counters, spectrophotometer, & gel electrophoresis equip. Send cover letter & resume to Judi Pulkinen by 2-13. Minimum Bi-weekly Salary: \$482.33

### TECHNICIAN, GR21 (T021) Vet. Microbiology-Baker Inst.

Assist in conducting lab & animal experiments in immunology & reproductive biology, i.e., tissue culture (monoclonal antibody production); immunological assays; biochem., work with rodents & farm animals (horses); general lab maintenance.

Req.: BS sci. major or equiv. 1-3 yrs. related exp. Knowledge in operation of centrifuges, microscopes, balances, production of buffers, sterile tissue culture technique, etc. Send cover letter & resume to Judi Pulkinen by 2-6. Minimum Bi-weekly Salary: \$512.32

### TECHNICIAN, GR19 (T026) Entomology

Provide tech. assistance in entomological research lab by maintaining black fly colonies & aiding in selection of filarial susceptible strain.

Req.: BS in bio. sci. or related area; exp. in rearing insects, particularly dipterous species. Send cover letter & resume to Judi Pulkinen by 2-6. Minimum Bi-weekly Salary: \$457.09

### TECHNICIAN, GR18 (T027) Equine Drug Testing-Saratoga

Analyze blood & urine samples in field drug testing lab at Saratoga. Assist lab director as req. Sat., Sun., & holidays, 8:00 a.m. 5:00 p.m.

Req.: A.A.S. in chem. or related field. Exp. with thin layer chromatography & general lab. procedures. Send cover letter & resume to Judi Pulkinen by 2-13. Minimum Bi-weekly Salary: \$431.43

### TECHNICIAN, GR24 (T012) Physiology

Provide tech. support primarily to research program in metabolic physiology. Automated analytical techniques & evaluative judgments in experim. design, data collection & interpretation.

Req.: BS in Biochem., chem., & some courses in bio. or equiv. 3-4 yrs. exp. in biochem. & physiol. labs. Training in analytical & automated techniques & hormone assays pref. Send cover letter & resume to Judi Pulkinen by 1-29. Minimum Bi-weekly Salary: \$607.21

### ELECTRONICS TECHNICIAN, GR24 (T0112) Modern Languages & Linguistics

Design, build, & maintain hardware used in language & phonetics labs.; integrate with data acquisition & analysis software.

Req.: BS in electrical engr. or recording engr. or equiv. Familiar with DEC, IBM-PC hardware; serial & parallel data transmission; signal

January 29, 1987

Number 3

University Personnel Services

Cornell University

160 Day Hall

Ithaca, New York 14853-2801

## Part-Time

### SECRETARY, GR19 (C036) Co-op Extension Admin.-Fredonia, N.Y.

Prepare written material for distribution. Take shorthand; type; arrange material; receive phone calls & visitors; oversee office; maintain mailing lists, budget records, petty cash, receipts & supply materials; handle vouchers & quarterly statements. Other duties as assigned. Mon.-Fri. 20 hrs.

Req.: A.A.S. degree or equiv. Med. typing. Knowledge of typewriter, duplicating addressograph & dictating equip. Able to set priorities to work in a complex, active environment. Minimum full-time equivalent: \$457.09

### ANIMAL TECHNICIAN, GR18 (G032) Veterinary Microbiology-Baker Inst.

Provide care (feed, water, clean & monitor) for small research animals (canines & rodents) following strict protocols for sterile or disease control environments & regulations for animal welfare. Weekend & holiday work req. 24 hrs. per week.

Req.: H.S. dip. or equiv. Knowledge of a variety of lab animals & animal breeding req. Phys. employment physical req. Must be able to lift 100 lbs.

Minimum full-time equivalent: \$431.43

### PROJECT COORDINATOR (PT018) Human Dev. & Family Studies

Develop training materials, select part-time staff. Responsible for operation of project, consultation with principal investigators. Not exceed 30 hrs.

Req.: MS in ed. field (psych., soc., etc.) or equiv. 3 yrs. exp. req. Excellent interpersonal, comm., & org. skills. Send cover letter & resume to Judi Pulkinen by 1-29.

### OFFICE ASST., GR17 (C471) Residence Life-Report

Provide sec. & receptionist support. Make appointments; screen incoming corresp.; prepare & type reports & correspondence; maintain file; distribute mail; coordinate student clerical help; act as resource person; daily contact with students & public; some financial functions. Mon.-Fri., 9:30 a.m.-3:00 p.m. Full-time during peak periods & summer months.

Req.: H.S. dip. or equiv. Some sec. exp. Med. typing. Strong interper. & comm. skills. Knowledge of record & bookkeeping helpful. Minimum full-time equivalent: \$409.53

## Temporary

TEMPORARY OPPORTUNITIES: Individuals qualified for temporary work and interested in clerical/secretarial: if you have experience or skills, and are interested in learning more about these opportunities, please call Lauren Worsell at 255 5226.

### SECRETARY (C023) Theoretical & Applied Mechanics

Assist a senior faculty member who is visually impaired. Sort & read mail; schedule meetings; make travel arrangements; type corresp. & course work; answer phones; arrange refreshments for seminars; other duties as assigned. 10-15 hrs. per week, flexible.

Req.: H.S. dip. or equiv. with science or math courses desirable. Light typing. Basic office skills wordprocessing & dictaphone exp. essential.

### SECRETARY (C026) Language House Program

Type corresp., reports & agendas; answer phone; process applications for positions in Language House Program; process expenditures. 10 hrs. per week, flexible.

Req.: H.S. dip. or equiv. Med. typing. Strong org., comm. & sec. skills, must be flexible & able to work independ.

### COLLECTIONS REPRESENTATIVE (C021) Bursar

Collect delinquent student loan & Bursar accounts through written & telephone communications. Locate delinquent borrowers through "skip tracing" techniques. Tues., Wed., Thurs. 4:30 8:30 p.m.

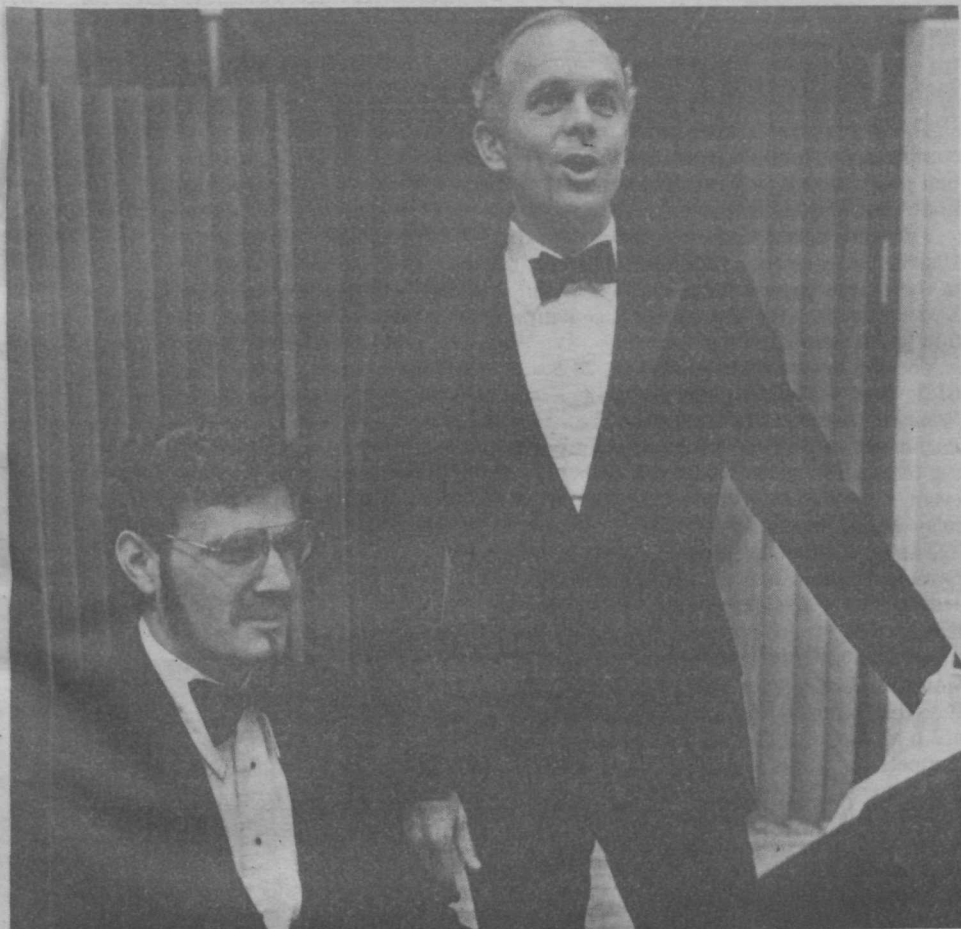
Req.: H.S. dip. or equiv. Good written & telephone communication skills. Collections exp. preferable. Call Laurie Worsell at 255 7044.

### GARDENER (2 Positions) (G022, G023)

### GROUNDSKEEPER (2 Positions) (G024, G025) Plantations

Assist in planting & maintenance of botanical gardens & care of grounds for Newman Arboretum. Prepare planting sites; operate hand & riding mowers; maintain existing gardens & grounds





Robert Kopelson, seated, and Donald Miller will be joined by Cynthia Lake in performing love songs by Brahms.

## Four Barnes concerts planned

Brahms' Magelone songs, as well as selections from Beethoven, Schubert, Strauss and Heiden will be featured in four free concerts this week at Barnes Hall Auditorium.

Brahms' Magelone songs will be presented Jan. 30 at 8:15 p.m. From 1861-1969, Brahms composed a set of 15 love songs based on a romance written by Ludwig Tieck in 1796. Composed when Brahms was in his early thirties, the songs are marked by a colorful harmony and a light melody that are not generally found in the composer's later works.

This sequence of love songs will be performed by Donald Miller, bass-baritone; Robert Kopelson, pianist; and Cynthia Lake, narrator.

Miller, after performing for two seasons with the Vienna Chamber Opera, moved to upstate New York where he is now a faculty member of the Syracuse University School of Music and frequently performs with regional orchestras.

Kopelson is the chairperson of accompaniment and piano chamber music at Syracuse University School of Music and the musical director of the Baroque Opera Company in New York City.

Lake, who has performed with the Syracuse Vocal Ensemble and the Syracuse Symphony Opera Ensemble, is currently working as an actress in musical comedies

and on television.

The music of Schubert and Beethoven will be highlighted by another visiting trio on Feb. 2 at 8:15 p.m. The evening's performance will include: Schubert's "Drei Klavierstücke, D.946" and "Sonata in A Major, D.576" as well as Beethoven's "An die ferne Geliebte, Op. 98" and "Sonata in E Minor, Op. 90."

Members of the trio are Kathryn Stuart, a doctoral student in music at Cornell and an associate professor of music at SUNY Plattsburgh; Edward Swenson, an associate professor of music at Ithaca College; and Yenoim Guibbory, also an associate professor of music at SUNY Plattsburgh.

Barnes Hall will also be the setting for two student recitals this week. Pianist Stephen Leroy will perform Beethoven's "Sonata, Op. 110," Schubert's "Impromptu, Op. 142," and Debussy's "Suite Bergamasque" on Feb. 1 at 4 p.m. Leroy, a senior and a physics major, is currently studying piano with Jonathan Shames, lecturer of music at Cornell.

Horn player Naomi Dushay, also a senior in the College of Arts and Sciences, will play pieces by Mozart, Strauss, and Heiden on Feb. 5 at 8:15 p.m.

For more information about concerts sponsored by the Department of Music, call 255-4760.

— Cheryl Kaplan

## Choay to give White lecture

French scholar Francoise Choay, an authority on the history and theory of architecture, is the first of three recently appointed Andrew D. White Professors-at-Large to visit campus this year.

Choay, on campus Jan. 22 through Feb. 20, will give a free public lecture at 5:30 p.m. Feb. 4 in 115 Tjaden Hall on "Urbanism and Urbanity — The Gardens and Urban Furniture of Haussmann's Paris."

During her stay, she will teach a four-week course, "History and the Two Paradigms of Architectural Design: Leon Battista Alberti and Sir Thomas More." Choay has been on the faculty of the University of Paris since 1972.

Choay, along with Ali A. Mazrui, an Africanist and political scientist, and Kip S. Thorne, an astrophysicist, were appointed to six-year terms as professors-at-large by the University Board of Trustees as of July 1, 1986.

Mazrui, who was born in Kenya, is cur-

rently on the faculties at the University of Michigan and the University of Jos in Nigeria. He has received public notice recently as author, narrator and presenter of the nine-hour public broadcasting television series, "The Africans."

Thorne is currently the William R. Kenan Jr. Professor and Professor of Theoretical Physics at the California Institute of Technology. A specialist in general relativity and theoretical physics, he was one of the earliest contributors to research supporting the existence of neutron stars and black holes.

Mazrui and Thorne are expected to visit Cornell later this year or early 1988.

Currently there are 22 Andrew D. White Professors-at-Large serving in a program established in 1965 aimed at involving some of the world's leading intellectuals in the day-to-day activities of campus life at Cornell.

— Martin B. Stiles

## Biotechnology research *Continued from page 1*

Research and Development Command, Tove said.

Biotechnology is concerned with the molecular aspects of genetics and cell biology as applied to plants, animals and cell production. Cornell researchers, for example, are developing genetic methods to protect plants against insects and disease, are studying the metabolic, allergic and neurological responses in animals, and are designing ways to produce chemical commodities from new sources.

This new award will expand existing studies on protein structure and function, on animal cell surface receptors and their interaction with specific molecules, and on the use of genetic changes in enzymes to produce drugs and other materials, Hammes said.

Federal funds will be used to purchase equipment to conduct genetic engineering, to study the properties of single cells and their molecular structure, to grow microorganisms and to perform advanced computer calculations in cooperation with Cornell's national supercomputing center.

Eventually, the contract is expected to help support research involving more than 100 faculty members, visiting scientists and graduate students.

Army scientists are interested in the potential for applying research findings in producing synthetic vaccines to prevent and treat disease, enzymes for protection against chemical and other toxic agents, and new biomaterials, according to Tove.

The biotechnology contract is part of an Army Research Office effort, called the University Research Initiative, that is supporting basic research in 11 areas, including manufacturing science, geosciences, microelectronics and advanced construction technology.

The biotechnology award is the second multi-million-dollar research agreement signed recently by Cornell and the Army Research Office. In August 1985, the federal government awarded Cornell a five-year, \$12.5 million contract to operate the Mathematical Sciences Institute, which helps support the largest collection of scientists conducting applied mathematical research in the United States.

Cornell's Biotechnology Program consists of two parts in addition to the new Center of Excellence: the Biotechnology Institute, supported in part by Eastman Kodak Co., General Foods Corp. and Union Carbide Corp.; and the New York State Center for Advanced Technology for Biotechnology (Agriculture), supported by the state's Science and Technology Foundation.

More than 75 faculty from the Colleges of Arts and Sciences, Agriculture and Life Sciences, Engineering, and Veterinary Medicine, and the Boyce Thompson Institute for Plant Research are affiliated with the Biotechnology Program. Construction has begun on a \$32.5 million biotechnology building that will open in 1988.

— Mark Eyerly

**Cornell**  
**CHRONICLE**

Our address is no longer 110 Day Hall! Please send all correspondence to Cornell Chronicle, Village Green, 840 Hanshaw Road, Ithaca, N.Y., 14850.

## Job Opportunities

*Continued*

hrs. per week, Mon.-Fri., 12:00-9:00 p.m.

Req.: H.S. dip. or equiv. Some counseling or training exp. desirable. Able to deal with sensitive issues. Strong listening & interpersonal skills. Familiarity with farming, farm families, & CU Cooperative Extension a plus. Call Laurie Worsell at 255-7044.

**RELIEF STAFF NURSE (P4714)** Health Services-Repot

Screen, assess patient needs after hours. Provide nursing care for patients admitted to after hours care. 2 evenings per week, until 5-28-87.

Req.: NYS Nursing License. Graduate of accredited nursing school. Recent exp. in hospital nursing with emergency nursing background is desirable. Send cover letter & resume to Cynthia Smithbower.

**RECEPTIONIST (C4912)** Academic Computing

Answer 3 phone lines for about 40 staff; greet public; handle daily U.S. & campus mail; type, file. Other duties as assigned. P-t casual.

Req.: H.S. dip. or equiv. Med. typing. Computer or sec. related courses pref. Some office exp. req. Send cover letter & resume to Laurie Worsell.

tural Engineering

Contact L.H. Irwin, NYS College of Agriculture & Life Sciences, Roberts Hall, Cornell University, Ithaca, NY 14853.

**RESEARCH ASSOCIATE (A032)** Animal Science

Send complete resume & 3 letters of reference to R.W. Everett, Dept. of Animal Science, B22 Morrison Hall, Cornell University, Ithaca, NY 14853-4801.

**POSTDOCTORAL ASSOCIATE**, Boyce Thompson Institute

Extraction, isolation & identification of natural toxins to insects from cultures of entomopathogenic fungi. Work closely with entomologists in evaluating biological activity of extracts & purified chemicals.

Req.: Ph.D. in chem., with emphasis on natural products. Exp. in analytical techniques for isolation & identification. Send cover letter & resume to Dr. Alan R. Zwick, Boyce Thompson Institute, Tower Road, Ithaca, NY 14853.

Jobs listed here are prepared by Staffing Services. The list of current vacancies is part of the university's commitment to promotion from within, affirmative action, and equal opportunity employment.

Employees seeking transfer to other jobs should contact Staffing Services for appropriate procedures and forms.

Employment applications are available at Cornell's employment office, East Hill Plaza (Judd Falls and Ellis Hollow roads), 9 a.m. to noon Monday through Friday. Mail completed forms to Cornell Staffing Services, 160 Day Hall, Ithaca, N.Y., 14853-2801.

This listing also is on CUINFO, the university's computerized info for the Information and Referral Center in Day Hall and other campus locations.

## Academic

**POSTDOCTORAL ASSOCIATE (A031)** NYS College of Vet Medicine

Send a curriculum vitae & names & addresses of 3 references to Dr. R.G. Bell, Baker Institute for Animal Health, NYSCVM, Cornell University, Ithaca, NY 14853.

**SENIOR EXTENSION ASSOCIATE** Agricul-



Photo by Claude Levett

Jack Prince and Daryl Dunn of the Cornell Recreation Club help roast 1100 chicken halves for the Employee Day barbecue last Saturday.



# SPORTS

The women's basketball team captured its first Ivy League win last Saturday, slipping by Columbia, 69-67.

The Red then dropped a hard-fought battle to Fordham the next afternoon by a 68-58 margin. Cornell's record is now 4-10 overall, 1-4 in Ivy action.

Senior center Tracy Sullivan earned Ivy League Player of the Week honors for her performance against the Lions. The 6-foot-0 senior poured in 19 points and pulled down seven rebounds. Her performance did not flag the next day against the Lady Rams, as she exploded for 20 points and eight boards.

The squad will look to improve upon its league record this weekend when Dartmouth and Harvard come to town for two key Ivy matchups. The Red will face the Big Green on Friday at 7:30 p.m. in Barton Hall and the Crimson on Sunday, also at 7:30 p.m.

## Men's basketball

The men's basketball team, fresh from a 73-60 win over Columbia at home last weekend, will be finishing out a three game on the road trek when they take on Dartmouth and Harvard on New England turf. The Big Red faced Duke on Monday night.

## Hockey

Having just completed a four-game home

stand, the men's hockey team hits the road again for a trek of two contests, facing Princeton and Army on Friday and Saturday nights, respectively.

The Big Red, 6-11 overall and 3-9 in the ECAC, is in 11th place in the league, but is only four points short of the eight and final spot for the post-season playoffs. Both Dartmouth and Harvard are above the Red in ECAC standings and Coach Lou Rey-croft is expecting tough competition. In its last outing, Cornell defeated Dartmouth, 3-1, at Lynah Rink.

Three Cornell players put on a defensive show this past week in two games. Of the team's 20 points, junior center Joe Nieuwendyk, classmate Chris Norton, and senior Andy Craig, the latter two defensemen, had 14 points.

During the four-game home-stretch, Nieuwendyk had five goals and five assists, while Norton chipped in with four tallies and seven assists. Nieuwendyk had scored points in nine straight games, and has seven goals and eight assists in the last six outings. Norton has played in 16 contests with seven tallies and 15 assists. Craig is third on the team in scoring with 2-11, followed by senior left wing Pete Marcov and sophomore forward Chris Grenier with 6-5 and 5-7, respectively.

Senior Jim Edmands has been the goaltender for the past four games and is slated for duty this weekend. He has a goals against average of 4.40, a save percentage of .867 and a 3-5 record.

Princeton, 6-9-1 overall, and 5-6-1 in the ECAC, is tied for seventh in the league. Cornell leads the series with the Tigers,

44-29-4. The Red has already defeated Princeton this season, 7-4. Army is 7-10-1 overall and 4-8.

## Other home action

The men's and women's track teams, coming off a stunning contest with perennial power Army, will take on Syracuse at noon on Saturday in Barton Hall.

The women recorded a 59-59 tie with the Cadets, as Dana Stone set a school record in the weight throw with a 39' 7" hurl and Sarah Day won the 1500 meter race with a time of 4:37.8.

The men swept past the Cadets, 74.5 - 61.5, to go 1-0 on the season. Xavier Washington clinched the meet on the anchor leg of the 1600 meter relay, propelling the men to a time of 3:20.7 in that event. Washington also won the 400 meter relay with a time of 48.92.

The men's gymnastics team will take on Syracuse on Saturday at 1 p.m. in Teagle Hall while the men's and women's swim teams will be in Teagle pool starting at noon, also for a meet with the Orange. The women's hockey team will be in Lynah Rink on Saturday to take on Dartmouth in a 2 p.m. contest. The women icers will also compete on Wednesday, Jan. 28 at 7:30 p.m. when RIT comes to town.

The men's squash team will take on Army at 1 p.m. on Sunday in Grumman Squash Courts. The racquetmen will also be at home on Wednesday at 5 p.m. against Hobart.

The women's gymnastics team has a meet with Ithaca College Feb. 4 at 7:30 p.m. when Ithaca College travels cross-town.

— Marcy Dubroff

## The week in sports

### Friday 1/30

Women's Basketball - Dartmouth, 7:30 p.m., Barton Hall.

\* Women's Polo - Yale, 7:30 p.m., Oxley Polo Arena.

### Saturday 1/31

Men's Swimming - Yale, noon, Teagle Pool.

Women's and Men's Indoor Track - Syracuse, 11:30 a.m., Barton Hall.

Men's Gymnastics - Syracuse, 1 p.m., Teagle Hall.

Women's Swimming - Yale, 3 p.m., Teagle Pool.

Women's Hockey - Princeton, 7:30 p.m., Lynah Rink.

Men's Polo - Yale, 8:15 p.m., Oxley Polo Arena.

### Sunday 2/1

Men's Squash - Army, 1 p.m., Grumman Squash Courts.

Women's Basketball - Harvard, 7:30 p.m., Barton Hall.

### Wednesday 2/4

Men's Squash - Army, 1 p.m., Grumman Squash Courts.

Men's Gymnastics - Cortland, 7:30 p.m., Teagle Hall.

# Supermarkets attract customers with bigger, better deli counters

To increase delicatessen sales and profits, supermarkets must improve food preparation, distribution, packaging, product offerings, advertising and the composition of their labor force, according to food marketing economist Edward W. McLaughlin.

Supermarkets nationwide are adding and expanding prominently displayed delicatessens to attract customers and build a store image. But 80 percent of supermarket shoppers do not make regular deli purchases, and only 9 percent of deli shoppers choose a supermarket because of its delicatessen, according to McLaughlin, an assistant professor of food marketing.

"Many shoppers complain that delis are too high priced and that product quality is inconsistent," he said. "There hasn't been much research on what will and what won't work in supermarket delis."

McLaughlin and two Cornell colleagues, Gene A. German and Michael P. Uetz, analyze supermarket delis and offer recommendations for industry improvement in a 103-page report on "The Economics of the Supermarket Delicatessen."

They predict that brand-name items, now scarce in supermarket delis, will become more prevalent just as they are in groceries and are beginning to be in poultry, meats and produce.

Supermarkets sometimes can offset increased labor costs by contracting with food companies to do much of the food preparation that is now performed by supermarkets. By advertising brand names, delis can increase consumer confidence in their products, McLaughlin said.

"You can't build a new supermarket today without a deli," McLaughlin said. "Many executives believe that the deli can establish an image for their whole company. The delicatessen is one of the few remaining areas where shoppers have an opportunity to talk with store employees, and it can offset the barnlike, impersonal atmosphere of many of today's larger stores."

"But deli employees have lower wages, less training and higher turnover rates than other store employees. They are often high school students working part time for minimum wage. That is counter to the image the stores are trying to project," the economist warned.

Even though delicatessen labor costs already represent nearly one-fourth of deli sales — compared to storewide labor costs that are less than 10 percent of sales — supermarkets must hire skilled deli employees and reward them with higher pay and the possibility of career advancement to attract more customers to delis, McLaughlin suggested.

The three researchers interviewed more than 100 food chain executives and 500 supermarket consumers in a nationwide study. McLaughlin will discuss their findings in March at national food industry meetings in Atlanta and Atlantic City.

Consumers' preferences for convenient, fresh and healthy foods and interest in foreign foods have led more than half of the nation's 30,500 supermarkets to add delicatessens, McLaughlin said.

On average, supermarket delis are equipped at a cost of \$100,000 and feature



Photo by Claude Levett

More than half of the nation's 30,500 supermarkets have added delicatessens. Above, a customer surveys the deli choices in Entrepot on North Campus.

293 products, including meats, cheeses, salads and sometimes hot, prepared meals. In 1985 they recorded sales of \$5.8 billion, a 47 percent increase from only three years earlier.

Delis are part of a trend toward one-stop supermarket shopping in which old grocery

stores give way to super stores that are the size of a football field and that include bakeries, pharmacies, delis and other services. More than 80 percent of the supermarket delis are full-service. Employees offer advice and prepare orders.

— Mark Eyerly

## Barton Blotter:

# Two charged

Two persons were charged with disorderly conduct in separate incidents during the Cornell-Colgate hockey game Jan. 21, according to the morning reports of the Department of Public Safety for the period Jan. 17 through 22.

Charged were George O. Tamblin IV, of 5005 Lakeridge Dr., Sumner, Wash.; and Scott D. Kaplan of 106 Broad Street, Hamilton, N.Y.

Eight thefts accounting for losses in cash and valuables of \$2,570, including a \$1,200 computer taken from Upson Hall, were reported during the six day period.

Other thefts included a \$300 digital multimeter taken from Baker Laboratory, \$455 in power tools stolen from Upson Hall, and a book bag and contents valued at \$315, taken from the Campus Store.

## Rhodes Continued from page 1

Rhodes, 60, was born in Warwickshire, England. He received his bachelor of science degree with first-class honors in 1948 from the University of Birmingham, England. He also received doctor of philosophy and doctor of science degrees from the same institution.

His numerous professional honors include 13 honorary degrees, and he is the author of more than 70 major scientific articles and five books.

His current public service includes chairmanship of the American Council on Education, and he is outgoing chairman of the Carnegie Foundation for the Advancement of Teaching. He serves on the executive committee of the Association of American Universities and has just completed a five-year term as chairman of its science and research committee.

— Dennis Meredith

## Cuomo State budget Continued from page 1

resignations without layoffs in current personnel. However, some of the vacated positions will not be refilled during the budget year, he added.

In addition to possible cutbacks in faculty and staff in some programs through attrition, the governor's budget does not provide for requested increases or new funding for a number of programs and projects. These include use of the mainframe computer, support for automating libraries, facilities maintenance, farm and dairy operations, the American Indian Program, and special programs at the veterinary college and the ILR school.

On the other hand, university administrators said the governor's budget is highly supportive of the long-range development of the university, providing funding for a projected \$70 million expansion and updating

of facilities at the veterinary college, a \$20 million renovation and expansion of Mann Library, and an \$11.9 million renovation of the ILR school's Catherwood Library.

In addition, the budget provides planning and construction funds through immediate tax dollars for the final two stages in the modernization of Martha Van Rensselaer Hall at a cost of \$6.3 million.

Burness expressed concern over plans to continue the current level of funding for the Centers for Advanced Technology at \$7 million in 1987-88, when centers will be added at Clarkson University and Alfred University. This will result in nine centers sharing the same total support as seven have during the current year, he said. Cornell's center focuses on biotechnology.

— Martin B. Stiles



# Networking

A Cornell Newsletter Published by Employees for Employees

Volume 7, Number 18

Thursday, January 29, 1987

## Chance to Win \$200 Prize in a Logo Contest

**WHAT:** A contest to determine a logo to be used by the Employee Assembly of Cornell. Sponsored by the Assembly's Communication Committee.

**WHY:** \$200 prize!!

**WHO:** Contest open to all members of the Cornell community (staff, students and faculty).

**WHERE:** Entries turned in to the Assemblies Office, 165 Day Hall

**WHEN:** Deadline is 4:00pm on February 20, 1987.

**RULES:** Below

1. Prize of \$200 (Campus Store gift certificate) for the logo accepted to be used by the Employee Assembly. The judges' decision is final.

2. This competition is open only to members of the Cornell community (staff, students and faculty).

3. Judges and members of the Employee Assembly and Communication Committee are not eligible to enter.

4. Entries are to be submitted to Chris

Gardner or Mary Sczepanski in the Assemblies Office in Day Hall by 4:00pm on February 20, 1987.

5. All entries are to be in black and white, size 8 1/2" x 11" format.

6. Each entry should be submitted in a sealed envelope and clearly labelled, on the back only, with the name, address, and campus phone number of the entrant.

7. Employee Assembly retains all

rights for use of the winning entry or entries.

8. The winning entrant will be personally notified. The results of the contest will be announced on Friday, March 6, 1987. The contest results will be posted in the Assembly Office and will appear in an article in the next issue of Networking.

9. Other entries will be returned by campus mail.

## The 1987 Employee Assembly Elections Deserve Your Attention!

by Bill Staffeld of the Employee Assembly

The upcoming Employee Assembly elections will be a test of Cornell's self governance system and a measure of employee attitude towards campus government in general.

Employee willingness to run for a seat on the Assembly, join a committee or even fill out the ballot, could prove very important in determining how much impact employees will have on Cornell's future.

This year Employee Assembly will have six available seats to fill as well as committees to staff, but as important as these needs may be, voting itself will be the most critical act in the entire process.

It is no secret that employee apathy and unawareness have contributed to the poor response in past Employee Assembly elections. It is also no secret that

**The Employee Assembly is your connection with the Day Hall administration and anything else that impacts our working lives.**

many of the on-the-job frustrations and grievances that Cornell employees have could be resolved more quickly if we all seized the moment and spoke up!

Speaking up means responding to the ballot and getting involved with the issues, thereby finding solutions.

The Employee Assembly is your connection with the Day Hall administration

and anything else that impacts our working lives. How representative and how effective it will be, how much influence it may have upon Day Hall decisions, depends upon employee participation and an impressive voter response.

Why not run for a seat on the Employee Assembly? The Assembly needs your talents, energy and ideas. Yes, being on Employee Assembly does require some sacrifice, hard work and courage, but there are rewards: personal growth through interaction with people who share your concerns, learning about and getting involved with issues that affect the entire Cornell community, and the

satisfaction of promoting and speaking for the interests of Cornell employees are just a few of them.

Petitions to get your name on the ballot will be available February 4th. Petitioning runs through February 27th. Campaigning takes place between March 4th and April 3rd.

Election ballots will be mailed to all employees on March 18th and are due at the Office of the Assemblies by 5:00pm April 3rd. Election results will be announced on April 15th.

To receive a petition and further information contact the Office of the Assemblies, 165 Day Hall or call 5-3715.



### CRC

Neither wind nor snow nor freezing temperatures could stop the dedicated members of the CRC last Saturday as they barbecued one thousand chickens for Employee Night at the Court.

Shown here are several of the many members who pitched in to make our first Employee Night a great success.

Thanks for all your hard work.

## Transfers and Promotions for December

### EMPLOYEE

Cindie L. Armstrong  
Normajean Armstrong  
Darlene Bean  
Joan L. Bordenet  
Mary Ellen Bordoni  
Ellen C. Bowmaster  
Janet Breslin  
Carol S. Brewer  
Kelly Brower  
Lucy Callahan  
Trudy E. Cism  
Roy L. Clements  
Susan H. Compton  
Mary Conway  
Dorothy A. Denman  
Mary W. Duclos  
Anne Dunford-Blodgett  
Susan B. Eyerly  
Edith Garvin  
Katherine Gray  
Anita Harris  
Christine Jolluck  
Beverly W. Klinko  
Gretchen S. Koerpel  
Inez C. Korb  
Estella Lee  
Marsha J. Leonard  
Rosemary R. Manley  
D.S. Marlette  
Eileen D. Martin  
Mary A. McNally  
Barbara McPherson  
Violet E. Miles  
Louise J. Morey  
Lisa B. Oltz  
Krista Payne  
Jane Pedersen  
Nancy A. Phelps  
Theresa Rapacki  
Catherine Reed  
Cynthia P. Rich  
Kathleen Russell  
Sally A. VanEtten  
Glenda R. Walker  
B. Whitney

### DEPARTMENT

Cooperative Extension  
University Press  
Math Science Institute  
Construction  
Finance & Business Office  
Natural Resources  
Computer Science  
Chemical Engineering  
CRSR  
Building Care  
University Press  
CU Transit  
Residence Life  
Residence Life  
University Press  
Agricultural Engineering  
Theory Center  
Western Studies  
Graphic Arts  
Cash Management  
University Personnel Services  
University Press  
Construction  
University Libraries  
University Press  
Cash Management  
Food Science  
University Press  
University Press  
University Libraries  
Mann Libraries  
ILR  
University Press  
Campus Store  
Natural Resources  
ILR  
Arts & Sciences  
Construction  
University Personnel Services  
Hotel Administration  
University Libraries  
Residence Life  
Transportation  
Residence Life  
Cornell Abroad



## CRC Dinner Dance and Washington, DC Trip Planned

Things are taking shape for 1987. The calendar of events for this year will be completed soon. If you have any suggestions for events or trips, please contact the CRC Office (5-7565). New program ideas are always appreciated. A few of the activities being planned are as follows.

Roast beef dinner dance: CRC will sponsor a roast beef dinner and dance on Saturday, March 21, 1987 at the VFW in Dryden, NY. Proceeds from this event will go to the CRC park development fund. The evening will begin at 6:00pm with a cash bar. A roast beef buffet dinner will be served starting at 7:00pm. "Sophisticated Country" will provide music for dancing and listening from 9:00pm until

1:00am. The cost is \$10 per person. Tickets are available from the CRC Office. It's a fun evening of food and fellowship. Join us!!

Washington, D.C. - April 9-12, 1987: Donna Vose is the trip leader and she has a tremendous trip planned for Washington, D.C. Included are transportation (bus), hotel (3 nights), group dinner the first evening, a day at the Smithsonian Institute, a guided tour of the city at night, reserved seats at the Cheery Blossom Festival parade, and a guided bus tour of Gettysburg.

The price is \$180 per person, double occupancy. Single, triple, and quad prices also available. Make your plans

## Supervisors: The Front Line You Can't Afford to Ignore

Reprinted from Creative Management  
No one manages more people than first-line supervisors. More employees report to them than to any other management level. Supervisors, as the direct link between employees and management, influence productivity, employee turnover, and profits. They enforce management policies, schedule work flow, train employees, and make sure budgets are adhered to.

Why then does management neglect its supervisors? As John Franco, president of Xerox Learning Systems, sees it, managers tend to see supervisors as people who monitor employee attendance. "Today's supervisors are stuck in a figurative limbo between employees who are more demanding than ever before and managers who ignore supervisors' importance," he told Industry Week magazine.

Managers who recognize the value of good first-line supervisors understand the supervisor's job and the skills required to do the job. Xerox Learning Systems identified these six supervisory skills:

1. Evaluating employee performance. Supervisors let subordinates know if they

**"Don't underestimate the impact that feedback, especially in the form of recognition for good work, has on productivity and performance."**

are doing a good job. They discuss the quality and quantity of work completed, and make recommendations for improvement. When an employee does a good job, they let him or her know.

"Don't underestimate the impact that feedback, especially in the form of recognition for good work, has on productivity and performance," says Franco.

2. Planning. Scheduling the work and directing its flow helps a supervisor to be active rather than reactive. Supervisors must be leaders. They must know how to coordinate the skills of employees, and to integrate them with production schedules and the resources available.

3. Solving problems. Supervisors must be able to recognize problems. They must know how to ferret out the causes of the

problem and then to solve the problem.

4. Assigning and monitoring work. Supervisors must do a precarious balancing act -- especially if they supervise employees who are also their friends. They must initiate and maintain employee cooperation while keeping their workers' respect and confidence. "Communication is the key," says Franco.

5. Setting standards. Workers must know what is expected of them, and the expectations must be measurable. It is the supervisor's responsibility to spell out management's production requirements.

6. Correcting performance problems. Employees listen to supervisors who are fair in their appraisals and who encourage employee input for the resolution of a problem. Performance problems can be contagious; they should be recognized and solved as soon as possible.

Supervisors are not born with supervisory skills. Upper management must provide training programs that teach the skills supervisors need. "Upper management must take a more active, supportive role in shaping the supervisory function," Franco explains, "so that the supervisor and the company can succeed."

## Cancer Society Offers Special Golf Pass

A golfer's dream — free access to local golf courses — that describes the American Cancer Society's golf pass. For a donation of \$25.00 to the American Cancer Society, a golfer can play one free round of golf during the 1987 season at 13 local participating golf courses and can have one free bucket of balls or play miniature golf at a local golf range. Interested persons can contact the local American Cancer Society for the golf pass.

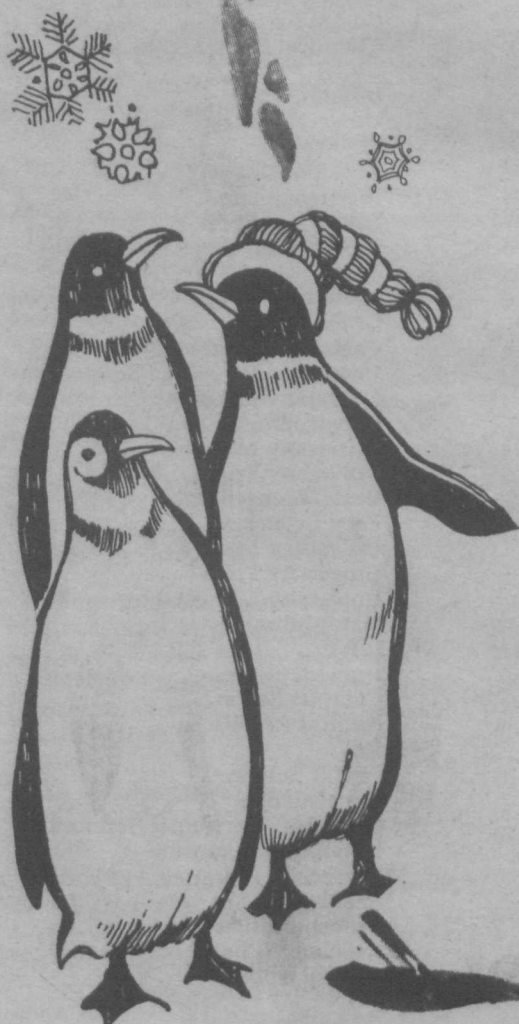
Participating courses which have waived the greens fees for golf pass holders are:

Chemung Golf Course - Waverly, NY  
Chemung Valley Golf Course - Big Flats, NY  
Doug's Driving Range - Big Flats, NY  
Hill and Dale Golf Course - Ithaca, NY  
Indian Hills Golf Club - Painted Post, NY  
Indian Ridge Par 3 Golf Course - Elmira, NY  
Lake Breeze Golf Course - Watkins Glen, NY

Mark Twain Golf Course - Elmira, NY  
Pinecroft Golf Course - Centerville, PA  
Soaring Eagles Golf Course - Horseheads, NY  
Stonehedge Golf Course - Groton, NY  
Trumansburg Golf Course - Trumansburg, NY  
Twin Hickory Golf Club - Hornell, NY  
Watkins Glen Golf Course - Watkins Glen, NY

The player receives free access to participating courses. The value of the pass is worth well over \$100. In addition, the player has the satisfaction of knowing their donation is helping to save lives from cancer. The American Cancer Society benefits by raising valuable funds for service, education and research.

Proceeds from the pass will be used for services for cancer patients in those counties, educational programs for youth and adults and cancer research. This year Cornell University in Ithaca received over \$900,000 in research funds from the American Cancer Society.





Now. A deposit of \$80 is required to sign up and hold a place on the trip. Balance of payment is due by March 1st. This is a very popular trip so it would be advisable to place your deposit as soon as possible. Some folks have inquired as to the date of the annual CRC family picnic. The date has been set for Saturday, June 6, 1987. Mark your calendars so you don't miss out on the fun!

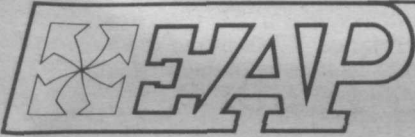
Upcoming events: Day trip to the circus, deep sea fishing trip, Vernon Downs or Finger Lakes race track, and Montreal, Que. long weekend.

Keep informed by reading CRC News in each addition of Networking.

# Do You Owe Something to an Eliza McCardle?

She met a tailor when he was twenty.  
He had never been to school.  
She married him.  
Taught him to read, write, spell.  
He learned fast.  
Became President.  
Inherited post-Civil War reconstruction problems.  
Beat an impeachment rap by just one vote after trying to fire his Secretary of

War for justifiable reasons.  
Bought Alaska from the Russians for \$7 million.  
Lost his try at a second term.  
Ran for U.S. Senate instead, and won.  
His name?  
Andrew Johnson.  
America will reach its full maturity when an Andrew does the same for an Eliza.



## Crisis as a Gift

A crisis is any change in the equilibrium of a system. Families have systems, or ways in which members interact, which can break down, change, or be disrupted. Systems in families include the family's set of rules, ways of action and of communicating. Whenever the system is out of balance a crisis can occur. Since it is the nature of a system to try to maintain its normal balance, a crisis can create much stress.

The following are typical examples of family and individual crises:

- The birth of a baby
- The loss of a family member through death, relocation, divorce
- A promotion
- Vacation or holiday
- Serious behavior problems in children
- An event like a 40th birthday or 50th wedding anniversary

Has a crisis knocked you or your family off balance? A crisis is not good or bad in itself. However, depending on how you

choose to use it, the stress created from the crisis may be positive or negative in your life. It can, according to psychotherapist Charles Whitfield, be growth-inducing, or cause illness or suffering.

How do you handle any of the above listed situations? Do these changes lead to a fresh life perspective? Or do they contribute to physical or mental fatigue, sickness, under- or over-functioning?

I offer the following story as an exam-

*Depending on how you choose to use crisis, the stress created from it may be positive or negative in your life.*

ple of the importance of a positive attitude. Psychiatrist Murray Banks tells the tale of a mother with two twin boys, 6 years old. One is always the cheerful optimist; the other is the eternal pessimist. The mother takes these children to a psychiatrist with the words, "Balance them off. My kids are too extreme." The psychiatrist tells the woman, "For their next birthdays fill a room full of manure for the optimist and get another room full of toys for the pessimist." The mother complies. She looks in each room. The pessimist is busily and angrily throwing his toys

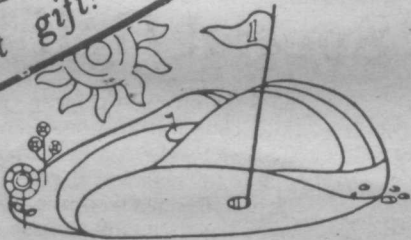
around saying, "I don't like these toys. The boy next door has better toys." Meanwhile, the optimist is happily sifting through the manure shouting, "You can't fool me. Where there's manure, there must be a pony!"

The following is a list of suggestions of how one can use crisis as a gift

1. Take time for reflection.
2. If possible, pull together as a family. Communicate and share more.
3. Give yourself special care in terms of nutrition, health care.
4. Exercise, walk, start a garden or plan one. In other words, get involved.
5. Look for the choices, if any, you have.
6. Seek professional help if the crisis is beyond your coping abilities.
7. Remember that loss is inherent in change. Give yourself time to grieve.
8. Develop or renew your support system of family, friends.
9. Develop your sense of humor.
10. Try to work on acceptance of crisis. Too much dwelling on the past leads to guilt, just as too much thinking of the future contributes to anxiety.

The Employee Assistance Program of Family and Children's Service is a resource available to employees of Cornell University. Our telephone number is 273-1129. Give us a call if you would like to work with an EAP counselor on a personal or family concern.

Makes a great gift!



AMERICAN CANCER SOCIETY'S

## GOLF PASS

\$25<sup>00</sup> (donation)

Valid May 1, 1987 Through  
October 31, 1987

This card entitles bearer to 1 free round of golf at each of the golf clubs listed below. Carts may be required, but are not included in price of pass.

To avoid confusion call ahead for tee-off time.

PLAY AT:

Chemung Golf Course  
Chemung Valley Golf Course  
Doug's Driving Range  
(basket of balls or miniature golf)  
Hill and Dale Golf Course  
Indian Hills Golf Club  
Indian Ridge Par 3 Golf Course  
Lake Breeze Golf Course  
Mark Twain Golf Course  
Pinecroft Golf Course  
Soaring Eagles Golf Course  
Stonehedges Golf Course  
Trumansburg Golf Club  
Twin Hickory Golf Club  
Watkins Glen Golf Course

Waverly, NY  
Big Flats, NY  
Big Flats, NY  
  
Ithaca, NY  
Painted Post, NY  
Elmira, NY  
Watkins Glen, NY  
Elmira, NY  
Centerville, PA  
Horseheads, NY  
Groton, NY  
Trumansburg, NY  
Hornell, NY  
Watkins Glen, NY

-Clip & Send-

Please send me \_\_\_\_\_ Golf Passes at \$25.00 each.  
(Check or money order enclosed)

Name \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_

Return To:  
AMERICAN CANCER SOCIETY  
TOMPKINS COUNTY UNIT  
111 S. FULTON STREET  
ITHACA, NEW YORK 14850  
(607) 273-0430





## Unclassified Ads

1. Please submit all unclassified ads to Networking Unclassifieds, 240 MVR - no phone calls please.
2. For our information your name and campus phone number MUST be submitted with ads. Otherwise your ad will be omitted.
3. All unclassified ads are free of charge to Cornell faculty, staff and students and will be printed in the order received as space permits.
4. Please limit your ad to 30 words or less. If an ad is longer than 30 words it may be shortened by the Networking staff.
5. Unclassified ads are for nonbusiness purposes only.
6. The deadline for the February 12th issue is February 2nd.
7. If an error appears in your ad, please resubmit the ad to be published in next available Networking.

### For Sale

1985 Nissan Pulsar, exc cond, 11k miles, automatic, front-wheel drive, sun-roof, AM-FM. 564-7584 after 5pm.  
1984 Ford LTD, loaded, 6 cyl, 4-dr, 43k miles. 272-4711 days or 564-7565 eves.  
1981 Chevy Chevette, standard, runs good, no rust, AM-FM stereo cassette, \$1,300. 546-2611 after 4pm.  
1981 Renault 18i, \$2,000. 607-739-1470 after 6pm.  
1979 Chevy Monza hatchback, 3.2l V6, 4-spd manual, 66k miles, good tires includes snows, light blue, exc repair record, one owner, \$2000. Michael 5-4814 or 272-0114.  
1978 Ford Fiesta, one owner, well maintained, clean, W at Coast car, runs great, 40 MPG highway, 76k miles. 272-6661.  
1978 Volare wagon, good reliable transportation, no major problems, mechanically maintained, 4 new tires with extras, \$800. 272-1954.  
1977 Honda Civic with Hondamatic, low mileage, well maintained, some rust, mounted snows, asking \$1200. 539-7815.  
1976 Chevy Nova, 120k miles, \$300; 1978 Chevy Nova,

## Unclassified Ad Address Change

### Send all ads to Donna Updike, 240 MVR

### No phone calls please.

110k miles, \$550, both cars have been well maintained and are ready to go. 564-9375 or 5-8545 (Tues & Thurs).  
1975 Datsun 710, runs great, 30 MPG, West Coast car, very little rust, 2-dr, 4-spd, needs brake work, only \$300. 5-7195 or 277-6011.  
1975 Plymouth Valiant, little rust, 4-dr, 6 cyl, auto, runs great, asking \$400-offers. 659-4925.  
1975 Ford LTD, 84k miles, loaded, studded tires, mint cond, \$800. 5-4032 work or 257-4203 home.  
1973 Chevy Caprice Classic, runs good, many new parts, \$400. 5-4032 work or 257-4203 home.  
1971 VW Superbeetle, good winter car, little rust, good cond, \$650 OBO. Carol 5-7855 or 257-2088.  
1961 International dump truck, 2-spd rear axle, good cond, \$2950 or trade for firewood, beef, etc. 564-9375 or 5-6143.  
Bicycle, girls 26", 10-spd with fenders, \$25 OBO. Carol 5-7855 or 257-2088.  
Torro snowblower, purchased new late last winter, exc cond, used only twice, have no need for it now, asking \$400. Nancy 5-3249 or 347-4051.  
31" snowblower for simplicity tractor, \$50; four 3-16"x7"x8" steel plates for strengthening main support beam on house, \$200; IBM Selectric I-O printer, \$100. 844-9423 eves.  
Washer and dryer, electric, working cond, \$20 apiece. 387-9678 after 7pm or weekends.  
B&W Mitsubishi TV, 12" diagonal, good cond, \$30 OBO. 257-1299 after 6pm.  
12" B&W RCA TV, 2-yr used, \$43; hair-dryer, \$5; Sanyo radio-cassette, \$25, all exc cond, like new. Stratis or Claire 277-1358 after 10am.  
Electric typewriter, Olympia Report de Luxe, with carrying case, best offer. 5-4845.  
IBM Actionwriter I electronic typewriter, \$425.; Halburton 110 aluminum camera case, \$100; Gerry baby backpack, \$10; Sears childrens' typewriter, extra ribbon, \$20. 5-1866.  
Zenith Allegro Solid State modular stereo with AM-FM radio, turntable, 8 tracktape player, 2 speakers, good starter system, works well, best offer. 3-3314 days or 273-2235 eves.  
42"x54" oval pedestal dining table, dark mahogany finish, \$35; ITT wall phone, almond, \$25; Polaroid instant camera, "Super Shooter," used once, \$35; Bunkie-board (to be used under bunk-bed pads), \$5. Pat 5-5863 or 273-8544.

Woodstove, barrel-type, FireView, with 3-spd blower; 55 gal aquarium with filter, pump, stand, accessories, best offer. Kelley 5-3727 or 277-3352.  
Mountaineering gear, new, never used, 2 Chouinard 8.8mm ropes, \$45 each; 3 pairs Chouinard supergaiters, sizes 28, 29, 30, \$35 each; Asolo 8000 double boots, size 9-10, \$125, 257-5137.  
19th century percussion cap shotgun, pretty decorator piece, could be restored to firing cond, \$125; also Webley MkII, very powerful British airpistol, \$40 with case, pellets, 257-5137.  
Pretty Tobiana Pinto pony mare, 44", rides-drives, due to foal in June, great with kids, \$325 or trade. Carol 564-9375.  
3-4 Morgan, 1-4 Thoroughbred mare, 15.3 hands, \$1800; grade Quarter Horse mare, 15 hands, \$700, both well broke to ride and drive; Yearling filly, \$200. 315-497-3727.  
Mobile home located in Varna park, nice 2-bdrm, choice landscaped lot with garden, awning, garage, shed and appliances. 272-1954.

### Free

To good home, A.K.C. registered Springer Spaniel, 4-yr old female, nice pet for older children. Betty 5-3924 or after 6pm 564-7384.

### Wanted

Reasonably priced goats, preferably bucks but will consider does. 564-9375.

### For Rent

Three bdrm apt, four miles from CU, half-house in the country, large lawn and pleasant view, recently remodeled, all electric, fully carpeted, furnished, pets ok.

## Employee Calendar

Events of Particular Interest to Cornell Employees

Wednesday, February 4. Employee Assembly meeting, 12:15 in Room B-8 Roberts Hall.

Wednesday, February 18. Employee Assembly meeting, 12:15 in Room B-8 Roberts Hall.

Saturday, March 21. CRC Roast beef dinner dance, 7-1:00pm at the VFW in Dryden. Tickets available through the CRC Office.

Thursday, April 9-12. CRC Washington D.C. trip. Call the CRC Office for more information.

### Networking Deadlines

February 2 for February 12  
February 16 for February 26  
March 2 for March 12  
March 16 for March 26  
March 23 for April 2  
April 13 for April 23  
April 27 for May 7  
May 11 for May 21  
May 25 for June 4  
June 8 for June 18  
June 22 for July 2  
August 3 for August 13  
August 31 for September 10  
September 14 for September 24  
September 28 for October 22  
October 12 for October 22  
October 26 for November 5  
November 9 for November 19  
November 23 for December 10  
December 14 for December 24

### Poem

You are as young as your faith  
You are as old as your fears  
You are as young as your hope  
You are as old as your despair.  
borrowed -- author unknown

### Editorial

### Board

Donna Updike  
George Peter  
Catherine Fitzgerald  
John Bender  
Dominic Versage  
Leona House  
Jim Kuehl  
Peg Landau  
Nancy Simmons  
Ann Marcham  
Mary Ellen Jones  
Anna Moratz  
Margaret Seacord

### UNIVERSITY PERSONNEL LIAISON

Laurie Roberts

### PRODUCTION

Cheryl Seland

### Communications Committee of Employee Assembly

Joan Heffernan  
Dwight Widger  
Judy McPherson  
Alberta Callihan  
Bill Staffeld  
Ken DeDominicis

## Nonacademic Personnel Extensions

Note: All of the extensions below begin with "5."

### Address changes

Campus and home addresses

Operations . . . . . 7003

### Advertisement placement and billing

Staffing Services . . . . . 5226

### Air travel insurance

Neil Poppenseik . . . . . 3741

### Appointments

Acting, casual, temporary, and dual

Karen Canfield (E) . . . . . 7007

Linda Budinger (S) . . . . . 5400

Mary Parker (S) . . . . . 5400

### Appointment form processing

Vivian Collins (E) . . . . . 2332

Linda Budinger (S) . . . . . 5400

### Auto insurance

William M. Mercer-Heidinger, Inc.

257-2160

### Beneficiaries

Life insurance

Bonnie Clark . . . . . 5791

Karen Fuller (E) . . . . . 6886

Leslie Tanneberger (S) . . . . . 4455

VADO

Bonnie Clark . . . . . 5791

### Benefits Administration

Marilyn Paluba (E) . . . . . 7074

June Franklin (E) . . . . . 6884

Phyllis Allen (S) . . . . . 4455

Nan Nicholas (S) . . . . . 3084

### Benefits After Retirement

CCTS

Adele Feisterstein . . . . . 7509

Barbara Drake . . . . . 3708

### Health care

Diane Crossett (E) . . . . . 3937

Pat Cooke (E) . . . . . 6885

Nan Nicholas (S) . . . . . 3084

### Life insurance

Bonnie Clark . . . . . 5791

Karen Fuller . . . . . 6886

Phyllis Allen (S) . . . . . 4455

### Benefits Billing

Laurie Dean (E) . . . . . 7300

Nan Nicholas (S) . . . . . 3084

### Benefits Information and Referral

Endowed

Pat Smith . . . . . 7508

Beverly Stuartwood . . . . . 3936

Statutory

Phyllis Allen . . . . . 4455

Nan Nicholas . . . . . 3084

Conversion

Continuation of benefits upon

termination of employment

Automobile insurance

William M. Mercer-Heidinger, Inc.

257-2160

Health care

Operations (E) . . . . . 7003

Nan Nicholas (S) . . . . . 3084

Life insurance

Operations . . . . . 7003

### Break-in-Service Policy

Vivian Collins (E) . . . . . 2332

Linda Budinger (S) . . . . . 5400

### Central Employee Registration (CER)

Bonnie Clark (E) . . . . . 5791

Nan Nicholas (S) . . . . . 3084

### Compensation

Karen Canfield . . . . . 7007

Anita Harris . . . . . 7071

Mary Beth Berkley . . . . . 7043

Cindy Fitzgerald . . . . . 7070

Peggy Reynolds . . . . . 7400

John Hartnett (S) . . . . . 4425

Linda Budinger (S) . . . . . 5400

### Cornell Children's Tuition Scholarship (CCTS)

Adele Feisterstein . . . . . 7509

Barbara Drake . . . . . 3708

### Deans, Directors, Department Heads

Mailing list authorization and list

changes

Laurie Roberts . . . . . 3541

### Deductions, payroll

Automobile insurance

William M. Mercer-Heidinger, Inc.

257-2160

### Group health care

Laurie Dean (E) . . . . . 7300

Nan Nicholas (S) . . . . . 3084

### Federal retirement

Nan Nicholas (S) . . . . . 3084

Long Term Disability Insurance (LTD)

Laurie Dean (E) . . . . . 7300

Nan Nicholas (S) . . . . . 3084

### Short Term Disability Insurance (DBI)

Endowed Payroll Office . . . . . 5194

Statutory Payroll Office . . . . . 2022

New York State health insurance

Nan Nicholas (S) . . . . . 3084

### Salary reduction agreements

William Douglas (E) . . . . . 6896

Bonnie Clark (E) . . . . . 5791

Karen Fuller (E) . . . . . 6886

Nan Nicholas (S) . . . . . 3084

Leslie Tanneberger (S) . . . . . 4455

### Select Benefits

Adele Feisterstein (E) . . . . . 7509

Barbara Drake (E) . . . . . 3708

Nan Nicholas (S) . . . . . 3084

April Roberts (S) . . . . . 3084

Statutory retirement programs (TIAA/REF & NYERS)

Phyllis Allen (S) . . . . . 4455

Nan Nicholas (S) . . . . . 3084

Supplemental life insurance

Laurie Dean (E) . . . . . 7300

Tax Deferred Plan

William Douglas (E) . . . . . 6896

Nan Nicholas (S) . . . . . 3084

VADO

Laurie Dean (E) . . . . . 7300

Disability

Diane Crossett . . . . . 3937

Pat Cooke . . . . . 6885

Deductions (see Deductions, payroll)

East Hill Plaza Employment Office

J. Courtney Fletcher . . . . . 273-1179

Bill Webster . . . . . 273-1179

### Employee and supervisor concerns (see Employee Relations)

### Employee Assistance Program

Counseling

Family and Children's Services of

Ithaca . . . . . 273-1129

University liaison

Lauran Jacoby . . . . . 6894

### Employee Day Committee (Personnel Liaison)

Laurie Roberts . . . . . 3541

### Employee Degree Program (see Training and Development)

### Employee records

6883

### Employee Relations

Peter Tufford . . . . . 6893

Lauran Jacoby . . . . . 6894

Vashti Peagler . . . . . 6887

Melanie Hart . . . . . 7206

### Employee transfers (see Staffing)

### Employment (see Staffing)

### Extracurricular Study Program (see Training and Development)

### Fair Labor Standards Act

Karen Canfield . . . . . 7007

### Grievance procedure (union and non-union) (see Employee Relations)

### Health insurance

Counseling and claims assistance

Diane Crossett (E) . . . . . 3937

Pat Cooke (E) . . . . . 6885

Nan Nicholas (S) . . . . . 3084

### Conversion

Operations (E) . . . . . 7003

Nan Nicholas (S) . . . . . 3084

### Enrollment and health statements

Diane Crossett (E) . . . . . 3937

Pat Cooke (E) . . . . . 6885

Nan Nicholas (S) . . . . . 3084

### Medicare coordination with health care

Diane Crossett (E) . . . . . 3937

Pat Cooke (E) . . . . . 6885

Nan Nicholas (S) . . . . . 3084

### Medicare general information and enrollment

Social Security Administration

(Ithaca office) . . . . . 273-0977

Prescription drug program

Diane Crossett (E) . . . . . 3937

Pat Cooke (E) . . . . . 6885

Nan Nicholas (S) . . . . . 3084

Holidays