

# Cornell CHRONICLE

Volume 19 Number 25 March 10, 1988

2  
Law School  
Stevens  
Lecture



3

*Jon Haggins*

Fashion designer's visit

3

'Science  
Curriculum  
and Pedagogy'



## Superconductor research yields improved bearing

Cornell engineers have developed a high-speed bearing that depends on the levitating effect of new high-temperature superconducting materials.

The bearing, which has achieved speeds of 66,000 revolutions per minute, could allow development of superior rotors for gyroscopes, servo-motors and computer disk drives, said the researchers, Francis C. Moon and Rishi Raj.

Moon is a professor and director of the Sibley School of Mechanical and Aerospace Engineering and Raj is a professor of ceramics in the Department of Materials Science and Engineering.

High-speed magnetic bearings now in use can achieve speeds of more than 100,000 rpm in a vacuum, but require complex feedback circuits to maintain stability. The superconducting bearing will be able to achieve speeds up to 300,000 rpm, and perhaps even one million rpm in a vacuum, and the levitating effect of the superconductor is self-stabilizing, needing no feedback control, the researchers said. Such higher speeds would permit the use in gyroscopes of smaller rotors with lower friction and less wear and heating problems.

"This development shows that it may be possible to produce useful products with early examples of the new superconducting ceramics," Moon said. "We see a very

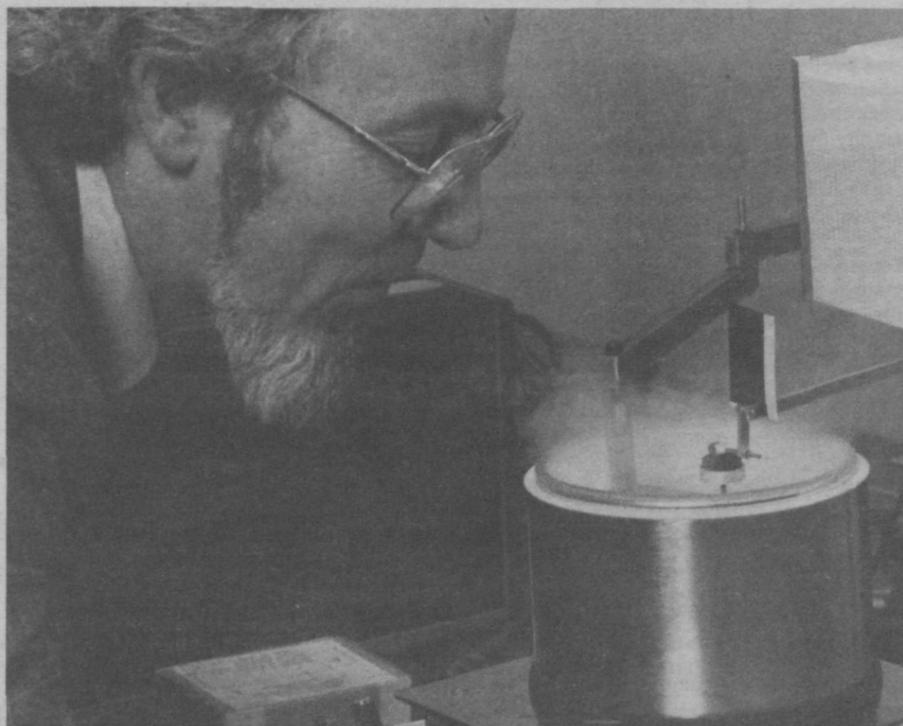
promising future for these kinds of bearings because of their simplicity and stability."

The new device consists of a bearing made of the new yttrium-barium-copper oxide superconducting ceramic discovered last year by researchers at International Business Machines Corp., the University of Houston and elsewhere. When the superconductor is cooled to liquid nitrogen temperatures, the bearing will levitate a rotor containing rare-earth permanent magnets. The magnetic forces are not affected by the high rotation speeds of the rotor, even at 1,000 revolutions per second.

This levitation phenomenon, in which superconductors repel magnetic fields, is known as the Meissner effect. Moon and his colleagues have precisely measured the magnetic forces generated by the new superconducting materials and have designed the system so that the Meissner effect provides extremely stable levitation forces between the bearing and the rotor.

Besides the levitation system, the new bearing also contains a driving circuit that spins the superconducting bearing.

The superconducting ceramic bearing was produced by Raj and his colleagues using facilities of Cornell's Materials Science Center. In the "sol-gel" process used to make the ceramic, a fine-grained powder was suspended in a solution, heated to form



Claude Levat

Professor Frank Moon tests the magnetic forces generated by a sample of superconductor. Cornell is applying for a patent on the new superconducting bearing developed by Moon, materials scientist Rishi Raj and their colleagues.

the solid mass of ceramic and machined to the proper shape.

The Cornell scientists are now experimenting with different-shaped bearings and suspension designs to enhance the levitat-

ing force and achieve higher speeds. Their work is supported by the National Science Foundation. Cornell has applied for a patent on the device.

Dennis Meredith

## Task force seeks to link computers on campus and off

A new university task force will develop plans for linking computer networks on campus with one another and with computers outside Cornell, according to Norman Scott, acting vice president for computing and information systems.

Alison Brown, associate director for networking in the Theory Center, is heading the task force, which also will recommend a financial plan for networking, including suggestions for sharing networking costs among the university, colleges, departments and individuals.

"There is a clear need to develop a network to provide a distributed computing capacity that links faculty, staff and stu-

dents on campus, including the extension to the 'world' through national and internal communication," said Scott in establishing the committee. "A good foundation has been established to build upon, but a well-articulated plan needs to be developed to guide future campus networking."

The newly appointed vice president for computing and information sciences, M. Stuart Lynn, also has reviewed the committee's charge and will oversee implementation of the committee's recommendations. Lynn is scheduled to begin his post in late March.

"Computer networking at Cornell is thriving, but somewhat disorganized,"

Brown said. "We currently have no stated objectives, strategy or direction. Our plans for the committee are to develop an array of solutions that are not too restrictive, but that allow interoperability of campus networks."

"This means, for example, that users should be able to exchange electronic mail and easily access data on other networks."

Brown has invited the Cornell community to contact committee members with suggestions on campus networking policy. The task force has been divided into subcommittees according to discipline. The subcommittee heads that should be contacted, and their areas of responsibility, are:

- Social sciences, industrial and labor

relations, business school -- Robert McGinnis, Thomas Bogess.

- Physical sciences, including chemistry, physics, Laboratory for Nuclear Studies -- David Cassel, Ray Helmke.

- Engineering -- Christopher Pottle.

The heads of subcommittees for humanities and the law school, and for the life sciences, including the veterinary school, biological sciences and the biotechnology program, will be announced later, Brown said.

A draft report should be completed by the end of April and made available from the Theory Center. The final report will be completed by the end of June.

Dennis Meredith

## JGSM professor: social sciences aid economic studies

The study of psychology and other social sciences is contributing to a better understanding of how economies perform, according to Richard H. Thaler, professor of economics and behavioral science at the Johnson Graduate School of Management.

"Economic agents are indeed human beings with human strengths and weaknesses," Thaler said in prepared remarks for a news seminar today at the National Academy of Sciences. "Therefore, models of economic agents can be enriched by incorporating behavioral features often ignored in traditional economic theories."

The news conference was arranged to introduce a book-length report from the National Academy of Sciences (NAS), "Basic Research in Social and Behavioral Sciences," which was written from a series of reports and recommendations made by several hundred researchers and scholars. Thaler and two other scholars explained segments of the report.

Thaler said that the NAS "has identified behavioral economics as an exciting new area of research," and boundaries between economics and social and behavioral sciences have become less distinct in recent years. Economists have used experimental methods to learn more about economic behavior, and psychologists and other social scientists have become more interested in economics, he said.

"These scientists have brought new techniques and fresh perspectives to traditional economics problems," Thaler said. "At the intersection of these research areas -- economics, psychology and other social sciences -- stands modern behavioral economics."

He highlighted several research areas in which notable progress has been made during the last decade, including:

- People have limited abilities to acquire knowledge, and they adopt simple rules of thumb to deal with complex problems.

- Traders on securities markets react, and sometimes overreact, to each other as well as to economic news. Stock prices are more volatile and more predictable than previously thought.

- Experimental evidence suggests that agents engaged in strategic interactions adopt strategies that are simpler and more cooperative than traditional theories predict.

- In traditional economic theory, the level of household savings depends only on lifetime wealth, age and interest rates. Behavioral investigations show that additional variables such as the form of payment -- lump-sum bonus versus salary, pension versus current income -- also matter.

Thaler also will report his findings to European and British business executives in London on March 19 at a forum sponsored by the JGSM.

Albert E. Kaff

## Briefs

■ **Status of women:** Nominations are being sought for four positions on the university's 21-member Advisory Committee on the Status of Women. The committee makes recommendations to the associate vice president for human relations and the Office of Equal Opportunity and in recent years has addressed such issues as sexual harassment, pay equity, career development and child care. For more information, call Carolyn McPherson, coordinator of women's services, at 255-3976.

■ **Peace Corps internships:** One or two Cornell nominees may be selected for special overseas student internships through the Peace Corps for the fall or spring terms of the 1988-89. Applications and details about the program are available through college placement officers and the Career Center in Sage Hall. Applications must be submitted by March 18.

■ **Food preparers sought:** Volunteers for a nutrition study will receive \$100, a blood analysis and dietary assessment. They must be healthy females at least 23 years who are the primary food preparer of a household. Call 255-3263 weekdays between 10 a.m. and 2 p.m.

■ **Women's studies:** The Women's Studies Program is seeking nominations of Cornell faculty, staff and students and Ithaca area residents to serve on the program's executive board. All nominations should be submitted to the program office at 332 Uris Hall by March 25. For more details, call 255-6480.

■ **Nutrition volunteers:** Healthy women between the ages of 40 and 75 who are non-smokers may wish to participate in a study to be conducted by the Metabolic Unit of the Department of Nutrition. The study will examine the effects of calcium supplements on vitamin absorption, and will go from March 21 to June 5. Participants will be provided with free meals and calcium supplements and will be paid \$10 per day. For more information, call 255-2002.

■ **Breakfast with Rhodes:** Students may sign up for breakfast with President Frank H.T. Rhodes by calling his office at 255-5201. The breakfasts are held from 7:30 to 8:30 a.m. in the Elmhirst Room of Willard Straight Hall.

■ **Meals with Morley:** Employees may schedule a breakfast or lunch with Senior Vice President James E. Morley by calling the Office of Human Resources at 255-3621. The breakfasts will be in the Elmhirst Room of Willard Straight Hall between 7:30 and 8:30 a.m. on April 20 and June 23. The lunches will be from noon to 1 p.m. in a private dining room at Robert Purcell Union on March 14 and May 16.

## New trends in legal thought is topic of Stevens Lecture

Have recent trends in legal thought and teaching undermined the law's authority? Legal scholars are divided on the issue, but consider it one of the most urgent questions in legal education today.

Frank I. Michelman, professor of law at Harvard Law School, will address this issue when he delivers the 1988 Robert S. Stevens Lecture on March 14 at 4 p.m. in the MacDonald Moot Court Room of Myron Taylor Hall at the Cornell Law School. The title of his lecture will be "Bringing the Law to Life: A Plea for Disenchantment."

Michelman described his lecture as "a rejoinder to my friend Owen Fiss' Stevens Lecture of two years ago."

In 1986, Fiss, who is the Alexander M. Bickel Professor of Public Law at Yale University, gave a Stevens Lecture titled "The Death of the Law?" In it, he claimed that two recent trends in legal education -- economic analysis of law and critical legal studies -- "distort the purposes of law and threaten its very existence." Neither trend treats the law as reflecting public morality, Fiss stated. Instead they reduce legal interpretation to narrow questions of "efficiency" and "politics."

Michelman can be expected to argue that the two trends have had a positive effect on legal thinking and the function of law in modern society, according to Gregory Alexander, a professor of law at Cornell. He said Michelman regards Fiss' views as "nostalgic, inaccurate and unhealthy."

The Robert S. Stevens Lecture Series was created by Phi Alpha Delta law fraternity in 1955 to honor Stevens, who was Law School dean from 1937 to 1954 and died in 1968. The endowment supporting the lecture stipulates that it provide law students "an opportunity to expand their legal education beyond the substantive and procedural law taught in the Law School."

Alexander said Michelman is among a small handful of scholars whose writings on constitutional law and rights are genuinely original and regarded as must reading. A 1967 Harvard Law Review article by Michelman analyzing the "takings question," a controversial aspect of property law, is "the single most lucid and influential analysis of the question in modern legal history," according to Alexander.

Michelman graduated summa cum laude from Yale in 1957 and magna cum laude from Harvard Law School in 1960. He served as law clerk to Supreme Court Justice William J. Brennan and was a special assistant to the U.S. Assistant Attorney General before joining the Harvard Law School faculty in 1963.

"It is fitting to have a scholar of Professor Michelman's stature give this year's Stevens Lecture," said Peter W. Martin, dean of the Law School. "Not only is he helping us to celebrate the school's Centennial, but his foundational work in constitutional and property law make him a giant in legal education."

Joe Leeming



## Green Dragon traffic patterns

Traffic on East Avenue will come to a standstill on Friday between noon and 1:30 p.m. as the annual Green Dragon parade passes by. Campus bus routes between the A and B lots and the B-Collegetown route will be interrupted. They will resume when the great green creature has been vanquished.

The product of the vision and hard work of freshman architectural students, the green dragon is paraded on campus as close to St. Patrick's Day as school schedules permit.

## Obituary

### J. Saunders Redding

A memorial service for J. Saunders Redding was held March 6 in Sage Chapel.

Redding, regarded by many as the dean of black American scholars, died March 2 at his home in Ithaca. He was 81 years old.

Redding was the Ernest I. White Professor Emeritus of American Studies and Humane Letters. He joined Cornell in 1970, becoming the first black to be appointed to the rank of professor in the College of Arts and Sciences and the first black to hold an endowed professorship here.

During the 1949-50 academic year, he served as a visiting professor at Brown University, becoming the first black person ever to teach at an Ivy League university, according to Henry Louis Gates Jr., the W.E.B. DuBois Professor of Literature. Redding also taught one year each at Duke and George Washington universities, and from 1966 to 1970 he was director of the Division of Research and Publication of the National Endowment for the Humanities.

"He serves as the model of the professional Afro-American scholar-critic, both because of the often-spoken-of elegance of his bearing, and because of the sheer elegance of his critical works," Gates wrote in an introduction to a forthcoming new edition of one of Redding's works. "In fact, he is as elegant in his manner and morals as he is in print, the walking embodiment of the black tradition's aspirations toward academic excellence."

"J. Saunders Redding was the essence of human dignity," said President Frank H.T. Rhodes. "He often stood alone between the worlds of white and black, contributing to an understanding of the human condition that transcends race and culture."

Redding was the author of eight books and three dozen essays and the editor of a widely used Afro-American literature anthology. He may be best known for his autobiography, "No Day of Triumph," for which he won the Mayflower Award for distinguished writing in 1944.

In "No Day of Triumph," Redding wrote: "I set out in nearly hopeless desperation to find both as Negro and as American certain values and validities that would hold for me as man. . . . to find among my people those validities that proclaimed them and me men. . . . the highest common denominator of mankind."

These values, he said many times, are integrity of spirit, love of freedom, courage, patience, and hope.

In 1986, Cornell established a program providing fellowships for minority graduate students in Redding's honor. "It's a bit embarrassing and I wonder if I really deserve it," Redding said at the time.

Redding taught here from 1970 until his retirement in 1975, after which he continued to live in Ithaca, pursuing his writing and scholarly activities. His books include "To Make a Poet Black" (1939), "Stranger and Alone" (1950), "They Came in Chains" (1950), "An American in India" (1954), and "Cavalcade" (1970), an anthology co-edited with A.P. Davis and used at nearly 100 colleges and universities.

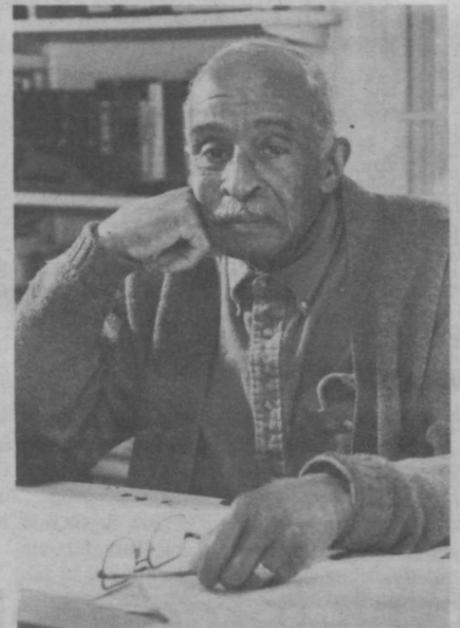
Redding's biographer, Pancho Savery, an associate professor of English at the University of Massachusetts in Boston, called "To Make a Poet Black," published in 1939, "the first comprehensive [and] serious critical work devoted exclusively to Afro-American literature and written by an Afro-American. . . . Decades after, his initial critical statements are still sound, and his work is still seen as the standard to which others are compared."

"... Redding's accomplishments have been threefold," according to Savery. "He has been Afro-American literature's primary literary historian. . . . He is Afro-American literature's first great scholar-critic. . . . [He] has been indefatigable in his insistence that Afro-American literature be seen within the context of American literature, and that to fail to do so is to do a disservice to both."

In celebration of the 50th anniversary of "To Make a Poet Black," Cornell University Press is publishing the second edition of the work.

Redding was born in Wilmington, Del., in 1906, third in a family of seven. He once recalled washing dishes with his older brother and sister in the evening as his mother read Hans Christian Anderson, Paul Dunbar, Longfellow and Shakespeare, among other authors, and selections from the "World's Famous Orations."

His parents graduated from Howard University; a college education was "pre-ordained" in his family. Redding and his brother, Louis, attended Brown, from which he received a B.A. in 1928, an M.A. in 1932 and an honorary D.Litt. in 1967. Redding later served as a Fellow



Charles Harrington

of the Corporation of Brown University.

Redding's father, Lewis Alfred Redding, served as the secretary of the Wilmington branch of the NAACP and the founder of the first black YMCA in Wilmington, according to Gates.

Redding taught successively at Morehouse College in Atlanta (from which he was fired for being too "radical"), Louisville (Ky.) Municipal College, Southern University in Louisiana, Elizabeth City State Teachers College in North Carolina, and at Hampton Institute, where he was named the Johnson Professor of Creative Literature in 1955.

In 1952, he served as an exchange lecturer in Africa, where he met and became intimate friends with Wole Soyinka, the 1986 Nobel laureate in literature.

Gates said: "Redding -- and an entire generation of black scholars -- saw the urge to segregate anything black -- as well as the urge among black nationalists to codify and celebrate our cultural difference -- as politically conservative, at best, and as politically retrograde and irresponsible, at its worst."

In a lecture at Brown, Redding said that the "Negro American . . . is no more African than the fairest Anglo-Saxon Protestant is. . . . His destiny is one with the destiny of America. . . . Let us not deceive ourselves."

Redding is survived by his wife, Esther Elizabeth James Redding, whom he married in 1929; two sons, Conway Holmes Redding of San Diego, Calif., and Lewis Alfred Redding II of Boston; a brother, Louis L. Redding, of Wilmington, Del.; a sister, C. Gwendolyn Redding, of Wilmington, Del.; and three nieces.

## Cornell Chronicle

EDITOR: Carole Stone  
GRAPHICS: Cindy Thiel  
CIRCULATION: Joanne Hanavan

Published 40 times a year, Cornell Chronicle is distributed free of charge to Cornell University faculty, students and staff by the University News Service. Mail subscriptions, \$25 per year; two-year subscriptions are \$45. Make checks payable to Cornell Chronicle and send to Village Green, 840 Hanshaw Road, Ithaca, N.Y. 14850. Telephone (607) 255-4206. Second-Class Postage Rates paid at Ithaca, N.Y.

POSTMASTER: Send address changes to the Cornell Chronicle (ISSN 0747-4628), Cornell University, 840 Hanshaw Road, Ithaca, N.Y. 14850.

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.

# Museum to show fashion designer Haggins' work

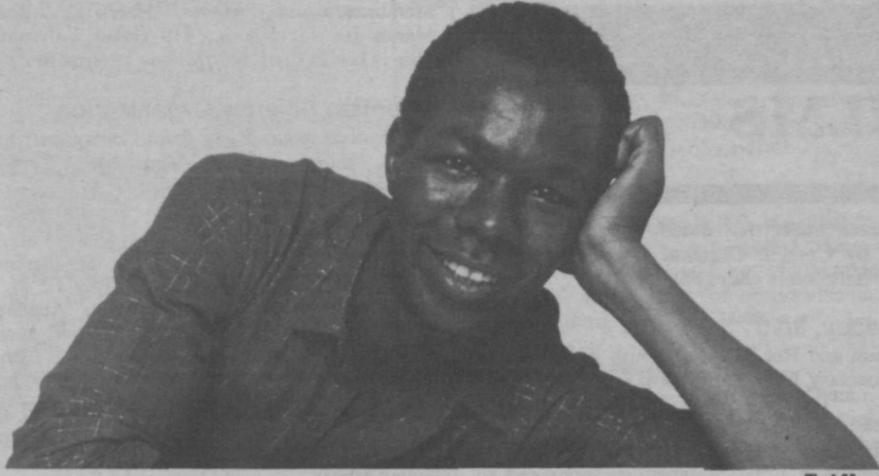
Fashion designer Jon Haggins will attend an April 9 reception to celebrate an exhibition of his evening wear at the Herbert F. Johnson Museum of Art.

The exhibition, "Jon Haggins: A Designer and His Dresses," will be displayed at the Johnson Museum April 2 through 24. Featured will be 15 examples of Haggins' work and a videotape showing some of his garments in motion. Haggins will visit Cornell April 9 to 11 as an artist-in-residence in the College of Human Ecology's Department of Textiles and Apparel.

The Haggins exhibition will be the first at the Johnson Museum to focus on contemporary apparel, said Art History Professor Thomas W. Leavitt, director of the museum.

"Among the black designers today, he is at the forefront," Leavitt said of Haggins. "He's had an extremely successful career, and his work has been hailed on aesthetic grounds as a kind of art form."

Haggins, a 1964 graduate of the Fashion Institute of Technology in New York City, is most noted for his evening wear, including garments designed for singer Aretha Franklin and actresses Lynn Redgrave and Debbie Allen, said Beate Ziegert, assistant professor of apparel design and the



Ted Hardin

New York City fashion designer Jon Haggins, who will visit Cornell on April 9 to celebrate an exhibition of his eveningwear at the Johnson Museum of Art.

exhibition's curator. Haggins, along with black designers Stephen Burrows and the late Willy Smith, rose to prominence in the 1960s. He also embarked on a career as a cabaret singer in the 1970s.

His clothes have appeared on the pages

of *Cosmopolitan*, *Vogue*, *Bazaar*, *Life*, *Look*, *Essence* and *Ebony*, and have been featured by major stores such as *Bloomingdale's*, *Saks Fifth Avenue*, *Bonwit Teller* and *B. Altman Co.* In 1969 Haggins became the youngest designer to be

nominated for the Coty American Fashion Critics' Award, and he is a three-time winner of Harvey's Bristol Cream Salute to Black Fashion.

About his customer of the 1980s, Haggins has been quoted as saying: "My woman is self-assured and wants to be noticed. She is also a wise shopper who looks for value and well-made merchandise. She wants to wear her evening dresses more than once and knows that my dresses are like lovers -- you never lend them out."

Haggins will participate in a public forum on the topic "A Designer in Business" from 4 to 6 p.m. on April 11 in the Martha Van Rensselaer Hall Auditorium. The April 9 reception is by invitation only.

The Johnson Museum is open to the public from 10 a.m. to 5 p.m. Tuesday through Sunday; it is closed on Mondays. The exhibition is being supported by Cornell's Council of the Creative and Performing Arts and the College of Human Ecology and its Department of Textiles and Apparel. The exhibition is part of a year-long program on "Humanities, Arts and Race" by the Society for the Humanities and the Council of the Creative and Performing Arts.

Mark Eyerly

# Trust's funds to improve math, science education

Electronic classrooms, new freshman science courses and undergraduate laboratory research will be among the efforts mounted by seven New York colleges and universities, including Cornell, as part of a multi-million-dollar nationwide effort funded by The Pew Charitable Trusts to improve undergraduate education in the sciences and mathematics.

The seven have been awarded \$1.08 million to launch a three-year collaboration to develop new classroom and laboratory courses and equipment and to train educators. The other six schools are liberal arts institutions: Barnard, Hamilton, Manhattan and Union colleges and Colgate and St. Lawrence universities.

The Pew Science Program in Undergraduate Education has made \$7.4 million in such grants to five clusters of colleges and universities around the country, for a total of 46 institutions. The other clusters will mount similar collaborative efforts.

"Our nation currently faces serious challenges to its leadership in science and technology, and the ability of colleges and universities to prepare qualified scientists is a matter of utmost urgency. The efforts of The Pew Charitable Trusts to address this issue are most gratifying," said President Frank H.T. Rhodes.

"It has been a privilege to work with the six distinguished colleges in planning our

collaborative effort, and I am confident that the activities already set in motion will be only the beginning of a mutually beneficial relationship among our institutions," he added.

Among the first major efforts of the New York cluster will be a major symposium here June 14 to 17 on "Science Curriculum and Pedagogy" featuring science education workshops and internationally known speakers on science education, including astronomer Carl Sagan, New York Times science writer Walter Sullivan, Harvard biologist Stephen Jay Gould, California Institute of Technology historian Daniel Kevles and educator Frank Westheimer from the University of California, San Diego.

Five ventures to be undertaken by the New York State cluster as part of its "Science Curriculum and Pedagogy Project" are:

- Development of new freshman courses designed to interest both science majors and non-science majors.
- Development of an electronic classroom with computer networking to share advanced materials across campuses.
- Summer workshops and research opportunities for faculty and undergraduates at other cluster institutions.
- Providing advanced science courses during January intersessions and using electronic classrooms with computer networks.

• Workshops and conferences for faculty on research instrumentation and techniques and other issues in science education.

The New York cluster's program will be directed by Yervant Terzian, professor and chairman of the Department of Astronomy. "Despite the fact that science education will play a vital role in the future of our country, we are finding that students are increasingly shying away from science courses. It is up to us to discover the reasons behind this problem and to work toward a solution," Terzian said.

"The Pew Trusts deserve enormous credit for recognizing this problem and for creating a program to improve the quality of undergraduate science education."

Thomas W. Langfitt, president of The Pew Charitable Trusts, characterized the colleges and universities participating in the Pew Science Program as having "exceptionally strong track records in undergraduate education."

"We look forward to the leadership of these institutions in addressing collaboratively the crisis of declining numbers of students pursuing science and mathematics, and hope they can help rekindle interest among undergraduates," he continued. "If we do not recruit more creative young minds into these fields, we shortchange our own future and leave a diminished legacy

among those who follow."

According to Joan Girgus, director of the Pew Science Program and professor of psychology at Princeton University, enormous shortages of scientists and engineers are expected by the year 2010, numbering about 700,000. The share of baccalaureate degrees awarded in science and mathematics dropped by 23 percent between 1975 and 1985, and the rate at which students with science and engineering baccalaureates went on to earn Ph.D.s has halved since the mid-1960s.

"We know that at least some of the problem stems from the undergraduate educational experiences of potential scientists, since only 35 percent of those who enter college planning to major in science or mathematics actually end up doing so. It is this enormous loss of talent that these grants will try to address," Girgus said.

The Pew Charitable Trusts consist of seven charitable funds established by the sons and daughters of Joseph N. Pew, founder of Sun Oil Co. The trusts support nonprofit organizations dedicated to improving the quality of life for individuals and communities and encouraging personal growth and self-sufficiency. Grants are awarded in conservation and the environment, culture, education, health and human services, public policy, and religion.

Dennis Meredith

# University Archives installs collection that will enhance holdings on sexuality

The university's library system has received new material on human sexuality. A comprehensive scholars' archive on homosexuality -- the first of its breadth in the United States -- will be installed here this spring and be available for research use in the fall.

Acquiring this archive is the initial step in developing "a unique primary source for scholarly study of human sexuality," according to H. Thomas Hickerson, head of the Department of Manuscripts and University Archives of Cornell University Libraries.

A search has already begun for an archivist to serve as curator for the History of Human Sexuality. The initial collection, around which the archive will be developed, was donated by the Mariposa Education & Research Foundation, and the basic endowment comes from the bequest of David B. Goodstein, a Cornell alumnus (Class of 1954) who published the national homosexual magazine *The Advocate*.

Hickerson said private collections are expected to be drawn to Cornell because of the Mariposa collection, which includes periodicals, books, films and videotapes, as well as archival materials from legal briefs to physiological-research results to personal reminiscences on the gay movement.

While it will be some time before Hickerson can give a precise description of the extent of the Mariposa materials, he said they will surely include hundreds of thousands of items.

To an archivist, an "item" is a cohesive physical and intellectual unit. Thus, a letter, whether one page or eight pages, is an item; so is a book, magazine or videotape; so is one photograph.

Isabel Hull and Sandra Bem, professors of history and psychology, respectively, examined the Mariposa materials and said they would be of great value to historians, sociologists, political scientists, social psychologists, anthropologists, folklorists and art historians.

Besides managing the initial collection, the new curator will be responsible for collecting "a broad range of additional sources documenting the intersection of sexuality and society," Hickerson said.

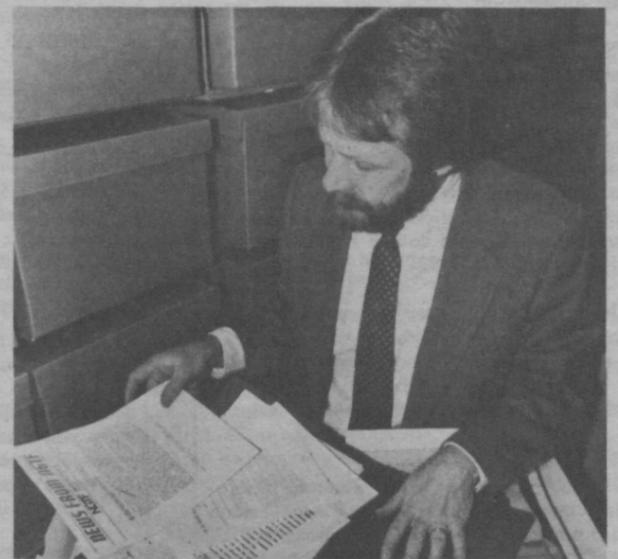
Goodstein, who was a businessman and art collector as well as publisher of *The Advocate*, saw sex -- not just among homosexuals -- as a force shrouded in ignorance and generative of pain.

If the new collection "can do even a small amount to relieve that embarrassment and ignorance for humanity, it will become one of the most valuable and important resources for human well-being on the planet," he wrote.

After his undergraduate study at Cornell, Goodstein got a law degree at Columbia, had a successful Wall Street career, and worked with numerous charitable and civil-rights organizations. He helped found the Gay Rights National Lobby and was the first openly gay appointee of Governor Edmund G. Brown Jr., who named Goodstein to the California State Committee for Business and Economic Development.

Before his death in 1985, Goodstein began arranging an agreement under which the Mariposa collection would come to Cornell, with endowment funds coming from the sale of Goodstein's personal art collection.

The Mariposa Foundation was created to generate research and educational materials that would dispel popular misconceptions about human sexuality, according to its



Claude Levett

H. Thomas Hickerson, head of the Department of Manuscripts and University Archives, examines archival materials donated by the Mariposa Education & Research Foundation.

president, Bruce Voeller.

Cornell's Department of Manuscripts and University Archives now houses some 7,000 collections, most of which document various aspects of 19th and 20th century society. While many of the Cornell collections include material on sexual attitudes, the new curator will be able to identify those scattered materials and make them more accessible, along with the Mariposa materials and future acquisitions, Hickerson said.

Sam Segal

# 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, Ithaca, NY 14850.

Notices should be sent to arrive 10 days prior to publication and should 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 Dance Series

Cornell Dance Series will present an evening of dance with New York-based Dan Waggoner and Dancers, March 11, 8 p.m., Willard Straight Theatre. Tickets are \$7 for Cornell students and senior citizens and \$9 for the general public. Call the Theatre Box Office for charge information.

Dan Waggoner and Dancers will present a lecture/demonstration on the stage of the Willard Straight Theatre March 10 at 8 p.m. The event is free and open to the public.

### Cornell Folkdancers

The Cornell community and the general public and beginners are welcome to join in folkdancing. Admission is free, unless stated otherwise.

Instruction and requests, March 12, 7:30-10:30 p.m., North Room, Willard Straight Hall.

### Israeli Folkdancing

Folkdancing, Thursday evenings, 8:30 p.m. in the Edwards Room, Anabel Taylor Hall.

## EXHIBITS

### Johnson Art Museum

The Herbert F. Johnson Museum of Art, 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.

"Stories from China's Past: Han Dynasty Pictorial Tomb Reliefs and Related Objects from Sichuan People's Republic of China," more than 100 archeological treasures, including tomb reliefs, sculptural figures, an unusual bronze "money tree," rubbings and a spectacular reconstructed tomb model, on view through March 13. The exhibition offers a rare glimpse of the regional art and culture of the Han Dynasty (206 B.C. - A.D. 220).

"Jerry Pinkney: Illustrator," an exhibition of illustrations by an artist whose work includes a nine-stamp series on "Black Heritage" for the U.S. Postal Service will be on view through March 20.

### Olin Library

"Books Illustrated with Mounted Photographs," on view weekdays from 8 a.m. to noon and 1-5 p.m., through April 10. From the 1850s to the 1880s, these original photographs served as illustrations in books and journals, replacing line drawings and lithographs.

### Uris Library

"125 Years of Lesbian and Gay Identity," on view through March 31, Uris Library. Exhibit highlights the story of the lesbian and gay community from Walt Whitman through Auschwitz and the McCarthy Hearings to the March 1987 March on Washington.

## FILMS

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

### Thursday, 3/10

"Dadi and Her Family," South Asia Program Documentary Film Series, 5 p.m., 310 Uris Library.

"Suburban Angels" (1987), directed by Carlos Reichenbach, with Betty Faria, Clarisse Abujamra and Irene Stefania, co-sponsored by The Arts College Pentangle Program and CUSLAR, 8 p.m., Uris.

### Friday, 3/11

"The Wannsee Conference" (1984), directed by Heinz Schirk, with Dietrich Mattausch, a reconstruction of the Nazi meeting at which the "Final Solution" was developed, 7:30 p.m., Uris.\*

"The Princess Bride" (1987), directed by Rob Reiner, with Cary Elwes, Mandy Patinkin and Carol Kane, 8 p.m., Anabel Taylor.\*

The 20th International Tournee of Animation (1987), animated shorts from many different countries, including "A Greek Tragedy"; "Academy Leader Variations"; and "Drawing on My Mind," 9:45 p.m., Uris.

"Dogs in Space" (1986), directed by Richard Lowenstein, with Michael Hutchence, Saskia Post and Nique Needles, midnight, Uris.\*

### Saturday, 3/12

"The Lodger" (1926), directed by Alfred Hitchcock, with Ivor Novello, 2 p.m., Johnson Museum.\*

The 20th International Tournee of Animation, 7:30 p.m., Uris.

"The Princess Bride," 7:30 p.m., Anabel Taylor.\*

"The Wannsee Conference," 9:45 p.m., Uris.\*

"The Princess Bride," 9:45 p.m., Anabel Taylor.\*

"Dogs in Space," midnight, Uris.\*

### Sunday, 3/13

The 20th International Tournee of Animation, 8 p.m., Uris.

"The Princess Bride," 2 p.m., Uris.\*

"Kappa" and "J.S. Bach," Whitney Biennial Video Program Two, 2 p.m., co-sponsored by CCPA, Johnson Museum.

"A Raisin in the Sun" (1961), directed by Daniel Petrie, with Sidney Poitier, Ruby Dee and Claudia McNeil, co-sponsored by Africana Studies, 4:30 p.m., Uris.\*

### Monday, 3/14

"The Films of Visiting Filipino Filmmaker Raymond Red," directed by Raymond Red, co-sponsored by Film/Video Arts, 8 p.m., Uris.\*

### Tuesday, 3/15

"Global Assembly Line," Southeast Asia Film Series, March 15, 4:30 p.m., 310 Uris Library Media Center.

"Genesis" (1986), directed by Mrinal Sen, with Shabana Azmi and Om Puri, 8 p.m., Uris.\*

### Wednesday, 3/16

"Mephisto" (1981), directed by Istvan Szabo, with Klaus Brandauer and Krystyna Jarda, 8 p.m., co-sponsored by Western Societies Program, 8 p.m., Uris.\*

### Thursday, 3/17

"The Fourth Stage," South Asia Program Documentary Film Series, 5 p.m., 310 Uris Library.

"Second Wind" (1985), directed by Gerrard Verhage, with Jentien de Boer, Pierre Bokma and Catherine Bruggencate, co-sponsored by The Arts College Pentangle Program, 8 p.m., Uris.

## LECTURES

### A.D. White Professor-at-Large

"The New Art of Structural Engineering: Science, Politics and Aesthetics," David P. Billington, professor, Princeton University and A.D.

White Professor-at-Large, March 14, 4:30 p.m., Hollis E. Cornell auditorium, Goldwin Smith Hall.

### Chemistry

"Synthesis of Biologically-Active Polymers, Membranes and Surfaces," Harry R. Allcock, March 10, 11:15 a.m., 119 Baker Laboratory. This is last in the Bayer/Mobay Lecture Series.

### Christian Science Organization

"Protecting the Body from Contagion," Margit O. Hammerstrom, March 14, 4:45 p.m., Founders Room, Anabel Taylor Hall.

### Classics

"Post-Pauline Christianity, to St. Ambrose and St. John Chrysostom," Geoffrey E. M. de Ste. Croix, fellow of the British Academy, March 15, 4:30 p.m., Hollis E. Cornell auditorium, Goldwin Smith Hall. This is the fifth of the Townsend Lectures on the theme "Early Christian Attitudes Toward Women, Sex and Marriage."

### Education

"Structuring the Environment: Selecting Resources and Utilizing Technology," Ari Van Tienhoven, professor emeritus, Avian Physiology, March 14, 4:15 p.m., W.I. Myers Seminar Room, 401 Warren Hall. Part of the lecture series "Teaching in a Changing World -- Dilemmas and Challenges."

### English

"Literature as a Physical Thing," Alfred Kazin, Newman Professor of American Civilization (visiting), March 16, 4:30 p.m., 102 Rockefeller Hall.

### Hillel

"When the Unthinkable Happens: Implications of the Holocaust for the Nuclear Arms Race," Elie Wiesel, Nobel Peace Prize laureate, March 13, 8 p.m., in Bailey Hall. Tickets are \$6, \$5 for students and can be purchased at the Hillel office in G-34 Anabel Taylor Hall. For more information call Hillel 255-4227.

### Law School

"Bringing the Law to Life: A Plea for Disenchantment," the 1987-88 Stevens Lecture, Frank I. Michelman, law, Harvard University, March 14, 4 p.m., MacDonald Moot Court Room, Myron Taylor Hall.

### Messenger Lectures

"On Knowing Our Place: The Men: Ellison and Wright," Houston A. Baker, English, Human Relations, University of Pennsylvania, March 10, 4:30 p.m., Hollis Cornell auditorium, Goldwin Smith Hall.

### Near Eastern Studies

"The Myth of the American Jewish Princess," Deborah Lipstadt, California, March 10, 4:15 p.m., 374 Rockefeller Hall.

"State, Religion and Tribalism in Contemporary Saudi Arabia," Joseph Kostiner, Dayan Center, Tel-Aviv University, March 17, 4:15 p.m., 374 Rockefeller Hall.

### Southeast Asia Program

"Center and Periphery in the Thai Sangha: Post Wachirayan," Kamala Tiyavanich, SEAP grad, history, March 10, 12:20 p.m., 102 West Ave. Ext.

"The Philippine Military and Political Transition," Carolina Hernandez, chair, Dept. of Political Science, University of Philippines, March 17, 12:20 p.m., 102 West Ave. Ext.

### Theory Center

"Simulating the Process of Star Formation," Joel Tohline, physics and astronomy, Louisiana State University, March 10, 1:30 p.m., ILR Conference Center.

### University Lectures

"Historical Painting and Grand Opera: Concepts of Space in Paintings by Gericault and Delacroix and on the Stage of the Academie Royale de Musique," Jurgen Maehder, visiting professor of musicology, North Texas State University, March 16, 4:30 p.m., Hollis E. Cornell Auditorium, Goldwin Smith Hall.

### Western Societies Program

"Literature and Society: The Beginning of the 'Classical Age' During the Time of Baroque Power," Christian Jouhaud, (EHSS, CNRS), March 14, 12:15 p.m., 201 A.D. White House.

"U.S. Foreign Policy, Human Rights, and Trade Sanctions: Rumania and its Persecution of Europe's Largest National Minority," Laszlo Hamos, director and co-founder, Hungarian Human Rights Foundation, New York, N.Y., March 16, 4 p.m., 106 Morrill Hall. Hamos will outline the plight of Rumania's Hungarian minority and discuss, with the aid of videotaped excerpts from the congressional floor debates of last summer, the political process leading to America's disenchantment with Rumania.

### Women's Studies Program

"Personal and Political: The Integrated Life of Charlotte Perkins Gilman," Ann J. Lane, professor of history and director, Women's Studies Program, Colgate University, March 16, 4:30 p.m., Kaufmann auditorium, Goldwin Smith Hall. Co-sponsored by the departments of history and classics, the Africana Studies and Research Center and University Lectures Committee.

## MUSIC

### Bound for Glory

Scott Alarik, songwriter and humorist from Minnesota, March 13. Bound for Glory presents three live sets, at 8:30, 9:30 and 10:30 p.m., every Sunday at the Commons Coffeehouse, Anabel Taylor Hall. Admission is free. The show can be heard live from 8 to 11 p.m. on WVBR-FM93.

### Common Coffeehouse

Marcie Boyd, singer and songwriter, March 12, 8 p.m., Commons Coffeehouse, Anabel Taylor Hall. Tickets \$4 in advance, \$5 at the door (\$4 for students/senior citizens). Earlier that day Boyd will be the guest for "Conversations in the Commons," for an informal discussion of topical songwriting, 3 p.m., Commons Coffeehouse.

### Department of Music

The New York-based 10-member ensemble Son of Lion will perform new American works written for Javanese instruments, March 11, 8:15 p.m., Barnes Auditorium. The group plays a variety of gongs and metallophones built by composer-ethnomusicologist Barbara Benary. Because of its growing popularity, the ensemble was invited by the government of Indonesia to present its gamelan music at the First International Festival in Vancouver last year.

The Cornell University Symphony Orchestra, with Tyler White conducting and Bart Van Oort fortepianist, will give a performance March 12, 8:15 p.m., Bailey Hall. The program includes Beethoven's "Egmont Overture," Op. 84; Mozart's Piano Concerto in A, K. 488; and excerpts from Prokofiev's "Romeo and Juliet," Op. 64.

White, a music student who graduated from the University of North Carolina in 1983 and is now a graduate student in composition here, has been the orchestra's director since the beginning of this year.

Van Oort, who received his music degree from the Royal Conservatory in The Hague in 1983, studies fortepiano with Malcolm Bilson.

The Cornell Symphonic Band, under the direction of Marice Stith and assistant Jeff Kazmierczak, will perform, March 13, 4 p.m., Bailey Hall. The program includes "The Ramparts," by Clifton Williams; "The Roman Carnival Overture," by Hector Berlioz; "Somers March," by Thomas C. Duffy; "The Slavonic Dances," by Anton Dvorak; "Lyric Statement," by John Zdechlik; "Liturgical Dances" by David Holsinger; and "Presidential Polonaise," by John Phillip Sousa.

Eleven local violists, under the direction of Philip Clark, will perform a concert March 13, 4 p.m., Bailey Hall featuring "Suite for Eight Violas," by Gordon Jacobs; the world premiere of "Sunset Paradise," a viola septet by Kenneth Harding; and "Brandenburg Concerto No. 6" by Johann Sebastian Bach.

Wei-Tsu Fan, Chinese zheng performer, will give a concert on this unusual 21-or-less stringed zither on March 14, 8:15 p.m., Barnes Auditorium. Co-sponsored by the East Asia Program. Fan, who is touring the United States, first gained recognition in 1977 when he won the National Music Competition in Taiwan and in 1981 when he won second prize in the Golden Lion Chinese Music Competition.

Pianist Jonathan Shames will perform an all-Bach program, March 15, 8:15 p.m., Barnes Auditorium, featuring the "Italian Concerto," the Fourth Partita, and Four Preludes and Fugues.

David Borden's Mother Mallard electro-acoustic ensemble will perform Borden's "The Continuing Story of Counterpoint," Nos. 1, 2, 4, 6 and 8 on March 16, and Nos. 7, 9, 10 and 12 on March 17. Both performances will begin at 8:15 p.m. in Barnes Hall auditorium.



Johan Elbers

Wyneth Jones, foreground, and Randy James, members of Dan Wagoner and dancers, a New York-based dance group that will perform here on March 11.

### East Asia Program

Chinese Zither Recital, Fan Wei-Tsu, Chinese musician, co-sponsored by the Music Department, March 14, 8:15 p.m., Barnes Hall Auditorium.

## READINGS

### Russian Literature

Rina Levinson, Russian emigre poet, will read her poetry March 14, 4:30 p.m., 177 Goldwin Smith Hall. Co-sponsored by the Council of the Creative and Performing Arts.

## RELIGION

### Sage Chapel

Charles E. Hummel, Inter-Varsity Christian Fellowship and author of "The Galileo Connection," will be the speaker at the Sage Chapel interfaith services March 13, beginning at 11 a.m.

### Catholic

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

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

### Christian Science

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

### Episcopal (Anglican)

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

Every Tuesday, 8 a.m., morning prayer, Anabel Taylor Chapel.

Every Wednesday, 4:30-6 p.m., open house, 14 Wait Avenue.

Every Thursday, 5 p.m., evening prayer, 14 Wait Avenue, Anabel Taylor.

### Friends (Quakers)

Sunday, 10 a.m., adult discussion; 11 a.m. meeting for worship, Edwards Room, Anabel Taylor Hall.

### Jewish

Morning Minyan: Young Israel House, 106 West Avenue. Call 272-5810.

Reform Services: Friday evenings 5:30 p.m., Anabel Taylor Chapel.

Conservative/Egalitarian Services: Friday 5:30 p.m., Saturday 9:45 a.m., Anabel Taylor Hall Founders Room.

Orthodox Shabbat Services: Friday evenings, Young Israel House, 106 West Avenue. Call 272-5810. Saturday, 9:15 a.m., Anabel Taylor Edwards Room.

### Korean Church

Every Sunday, 2:30 p.m. Anabel Taylor Hall.

### 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.

Baptist Campus Ministry (SBC): Every Tuesday, 7:30 p.m., Anabel Taylor Chapel.

### Zen Buddhism

Zazen meditation: Tuesdays at 7 p.m., Edwards Room, Anabel Taylor Hall. Every Thursday 5:10 p.m., Anabel Taylor Chapel. For more information or to arrange beginner's instruction, call Ian Dobson at 277-4364.

## SEMINARS

### Agricultural Engineering

"In Situ Biogas Purification via Reactor Manipulation," F.G. Herndon and T.E. White, Dept. of Agricultural Engineering, March 10, 12:30 p.m., 204 Riley-Robb Hall.

"Biomass Composition and Anaerobic Biodegradation," B.K. Richards, Dept. of Agricultural Engineering, March 17, 12:30 p.m., 205 Riley-Robb Hall.

### Agronomy

"Satellite Remote Sensing of Orchards," Malcolm Taberner, Dept. of Agronomy, and "Influence of Regional Variation on Satellite-based Crop Inventory in New York State," Sally W. Buechel, Dept. of Agronomy, March 15, 4 p.m., 135 Emerson.

### Astronomy

"Supernova 1987a: One Year Later," Takashi Nakamura, Kyoto University, Japan, March 10, 4:30 p.m., 105 Space Sciences.

"Cannibalism by Brightest Cluster Galaxies," Tod Lauer, Princeton, 4:30 p.m., March 17, 105 Space Sciences.

### Biochemistry

"Transcription of Ribosomal RNA Genes," Barbara Sollner-Webb, Biological Chemistry, Johns Hopkins University, School of Medicine, March 11, 4:30 p.m., 204 Stocking Hall.

### Biophysics

"Optical Methods for Measuring Hair Bundle Micro-Mechanics in the Chick Inner Ear," James C. Saunders, Otorhinolaryngology and Human Communication, University of Pennsylvania, March 16, 4:30 p.m., 700 Clark Hall.

### Chemical Engineering

"Polymer Kinetic Theory and Fluid Dynamics," R. Byron Bird, chemical engineering, University of Wisconsin, March 15, 4 p.m., 255 Olin Hall.

"What I Have Learned About Teaching from Various Comellians," R. Byron Bird, March 17, 4 p.m., 255 Olin Hall.

### Chemistry

"Ribonucleotide Reductase: Evidence for Radical Intermediates," JoAnn Stubbe, M.I.T., March 14, 4:40 p.m., 119 Baker.

"Two-dimensional NMR Studies of Structure and Dynamics of Solid Polymers," Hans W. Spiess, Max-Planck Institut fur Polymerforschung, Mainz, F.R. Germany, March 16, 4:30 p.m., 132 Baker Laboratory.

### Computer Services

"Cornell's High-Speed Internetworking Environment," Dick Cogger, computer services, and Scott Brim, Theory Center, March 10, 12:20 p.m., 100 Caldwell Hall.

### East Asia Program

"The Political Economy of New Media in Japan," Ellis Krauss, political science, University of Pittsburgh, co-sponsored by International Political Economy, March 11, noon (brown bag lunch), 374 Rockefeller Hall.

"On August 9," Kyoko Hayashi, novelist, March 11, 4:30 p.m., 374 Rockefeller Hall.

### Ecology and Systematics

"The Dynamics of African Savannas: The Tree/Grass/Soil Interface," A. Joy Belsky, Cornell Plantations, March 16, 4:30 p.m., Morison Seminar Room, A106 Corson/Mudd.

"Ecological Differences Among Tree Species in Disturbed and Undisturbed Amazonian Forest Communities," Peter B. Reich, Forestry, University of Wisconsin, Madison, March 17, 4:30 p.m., Morison Seminar Room, A106 Corson/Mudd.

### Environmental Toxicology

"Coupled Column High Performance Liquid Chromatographic Analysis of Melengestrol Acetate in Bovine Tissues," Tina Chichila, Equine Drug Testing and Toxicology, March 11, 12:20 p.m., 304 Femow Hall.

### Floriculture and Ornamental Horticulture

"Selection Postemergent Crabgrass Control in Cool Season Turfgrasses," Joe Neal, Floriculture and Ornamental Horticulture, March 10, 12:15 p.m., 404 Plant Science.

### Food Science and Technology

"Microbiology of Atlantic Pollock Mince and Surimi," Steve Ingham, Food Science, March 15, 4:30 p.m., 204 Stocking Hall.

### Genetics and Development

"Neuromuscular Changes in the Escape-Response pathway of *Drosophila*," Anne Schneiderman, Biology, Yale University, March 14, 135 Emerson Hall.

### Geological Sciences

"Rheological Controls on the Positioning of the Ocean-continent Boundary: Constraints from the Sergite-Alagoas/Tucano (Brazil) and Gabon (Africa) Basins," Garry Karner, Lamont-Doherty, March 15, 4:30 p.m., 1120 Snee Hall.

### History and Philosophy of Science and Technology

"Heavier- or Lighter-Than-Air Flight: A 19th Century Dilemma," Felix Rosenthal, architect, Sausalito, Calif., March 16, 4:30 p.m., 165 McGraw Hall.

### International and Community Nutrition

"Aids -- An International Crisis," Dr. Warren D. Johnson Jr., chief, Division of International

Medicine, Cornell Medical Center, March 10, 12:40 p.m., NG35 Martha Van Rensselaer Hall.

### Materials Science and Engineering

"Characterization of Alumina After Ion Implantation," P. Sklad, ORNL, March 10, 4:30 p.m., Bard Hall.

"Hot Electron Transport in SiO<sub>2</sub>: Ballistic to Steady State Regimes," D.J. DiMaria, IBM, Yorktown, March 17, 4:30 p.m., 140 Bard Hall.

### Mechanical and Aerospace Engineering

"Why You Should Be Interest in O<sub>2</sub> Symmetry Bifurcations, or More News About Intermittency," Dieter Armbruster, Cornell, March 15, 1 p.m., 282 Grumman.

Manufacturing Engineering Seminar, "Economic Analysis of Machine Tool," Richard Warkentin, March 17, 4:30 p.m., 282 Grumman.

### Microbiology

"Two Independently-Regulated Anthranilate Synthases in *Pseudomonas aeruginosa*," Irving Crawford, Microbiology, University of Iowa, March 10, 4:30 p.m., 124 Stocking Hall.

### Natural Resources

"Great Lakes Fisheries -- Binational, Multi-agency Management for 14 Million Anglers," Carlos Fetterolf Jr., Great Lakes Fishery Commission, Ann Arbor, Mich., March 10, 4 p.m., 304 Femow Hall.

"Integrated Management of Voles in Apple Orchards," Mark Tobin, Hudson Valley Laboratory and Dept. of Natural Resources, Cornell, March 17, 4 p.m., 304 Femow Hall.

### Neurobiology and Behavior

"Acoustic Communication in Whales," Chris Clark, Bioacoustics Laboratory, Laboratory of Ornithology, March 17, 12:30 p.m., Morison Seminar Room, Corson/Mudd.

### Ornithology

"The Antarctic Century: An Ecosystem in the Balance," Ron Naveen, founder and president of Oceanites, March 14, 7:45 p.m., Laboratory of Ornithology, 159 Sapsucker Woods Road.

### Peace Studies Program

"Nuclear Proliferation in the Middle East," Allen Dowty, University of Notre Dame, March 15, 12:15 p.m. (brown bag luncheon), 153 Uris Hall.

### Pharmacology

"Function of Nicotinic Acetylcholine Receptors on Clonal Mammalian Cells," Dr. Joe Henry Steinbach, Dept. of Anesthesiology, Washington University School of Medicine, March 14, 4:30 p.m., G3 Vet Research Tower.

### Physiology

"In vitro Analysis of Intrasegmental Coordination in Control and Functionally Regenerated Lamprey Spinal Cords," Avis Cohen, senior research associate, Neurobiology and Behavior, March 15, 4:15 p.m., G-3 Vet. Research Tower.

### Plant Biology

"Quantitative Ultrastructure of *Limonium* Salt Glands in Relation to Ion Fluxes," Christopher Faraday, Section of Plant Biology, March 11, 11:15 a.m., 404 Plant Science.

### Plant Breeding and Biometry

"Aphid Resistance in *Lycopersicon pennellii* and its Hybrids with Tomato, *L. esculentum*," Joseph Goffreda, Plant Breeding, March 15, 12:20 p.m., 135 Emerson Hall.

### Plant Pathology

"Population Dynamics of *Streptomyces scabies* and Other Actinomycetes: Implications for Common Scab of Potato," Anthony Keinath, Cornell, March 15, 4:30 p.m., 404 Plant Science.

### Pomology

"Abscisic Acid Relationships in Dormancy Mechanism of Apple Seeds," Loyd E. Powell, Dept. of Pomology, March 14, 11:15 a.m., 404 Plant Science.

### Psychology

"Sexual Differentiation of the Vocal Motor Unit: Cellular Substrates for Endocrine Control," Darcy B. Kelley, Biological Sciences, Columbia University, March 11, 3:30 p.m., 202 Uris Hall.

### Remote Sensing

"Overhead Monitoring in EPA's Environmental Photographic Interpretation Center," John H. Montanari, EPIC, U.S. Environmental Protection Agency, Warrenton, Va., March 16, 4:30 p.m., 110 Hollister Hall.

continued on page 7

# Job Opportunities

March 10, 1988  
 Number 9  
 Office of Human Resources  
 Cornell University  
 160 Day Hall  
 Ithaca, New York 14853-2801

In compliance with the Immigration Reform and Control Act of 1986, Cornell University is now required to check the identity and employment eligibility of all new hires.

Effective June 1, 1987, if you accept a position, you must show documents on or before your first day of work, that indicate your identity and employment eligibility; for example, a state issued driver's license and a birth certificate. For more information, contact Staffing Services, 255-5226.

-Interviews are conducted by appointment only.

-Send cover letters & resumes to Staffing Services, 160 Day Hall, Cornell University, Ithaca, NY 14853.

-Employment & employee transfer application forms are available at both Staffing Services locations-160 Day Hall & East Hill Plaza.

-Requests for referral &/or cover letters are not accepted unless specified in the ad.

-Cornell University is an Affirmative Action/Equal Opportunity Employer.

-This listing is also available on CUINFO. Terminals are situated in main lobbies of Day Hall & Gannett Clinic, & the Olin, Mann & ILR Libraries.

DEPT'S.-Deadline for submission is noon on Thursday for following week's Job Opportunities.

Minimum salaries listed are for recruitment purposes only.

## Administrative and Professional

**ADMIN. SUPV. II (PA0903) Nutrit'l. Sciences-Washington, DC**

Oversee admin./financial mgmt. of Washington, DC office of an internat'l. nutrition & food policy research project for the Cornell Nutrit'l. Surveillance Program. Manage office operations for a \$1M annual program w/ 10-15 program/support staff. Ensure compliance w/ agency & univ. policies; monitor budgets; prepare admin. & financial reports. Supv. office support staff.

Req.: BA/BS Min. 2 yrs. relevant admin. exp. in an internat'l. project of comparative size; familiar w/AID contract regulations; exp. in budgets, procurement & supv. Exc. comm. skills, able to work under pressure & meet deadlines. Letter & resume to Cynthia Smithbower by 3/25.

**EXTENSION SUPPORT AIDE (PA0902) Agricultural Economics**

Plan, develop, direct & evaluate ed. programs in area of farm diversification & innovation.

Req.: MS or equiv. in agricultural related ed. program development or delivery. Exc. comm. skills, w/special facility in writing & adult curriculum design. Familiar w/farm business mgmt. & mktg. techniques. Letter & resume to Cynthia Smithbower by 3/25.

**RESEARCH SUPPORT SPEC. II (PT0917, PT0918, PT0919, PT0920, PT0921) Nutrit'l. Sciences**

Provide research related assistance to assist short-term nutrition & economic effects of macro-economic adjustment policies on the poor in Africa. Will focus on micro-level analysis of prices, income/expenditures & nutrit'l. status plus macro-level issues involving revenue, expenditures & policy options. Prep., manage & analyze field survey & other recorded secondary data using micro computer bases statistical analysis pkgs. & reviews & report prep.

Req.: MA/MS or equiv. Skills in micro-macro economic theory & agricultural economics nec. Demonstrated skills in economic & stat. analysis incl. regression simulations & stat. compilations. Previous exp. in a developing country, particularly Africa, helpful. Letter & resume to Judi Deane by 3/25.

**SR. TECHNICAL WRITER (PC0912) Academic Computing**

Produce intro-advanced level publications that explain microcomputing hardware & software systems to tech. & non tech. audiences.

Req.: BA or equiv. & 2 yrs. of journalism, tech. writing, editorial or PR exp. Exp. using microcomputers. Letter & resume to Esther Smith by 3/23.

**RESEARCH SUPPORT SPEC. I (PT0204) Neurobiology & Behavior**

Assist in electrophysiological studies of sensory processing in auditory nervous system & in behavioral studies of animal sound communication. Duties incl.: surgical prep. of small vertebrates (frogs, toads, lizards), fabrication of microelectrodes, recording & analysis of neuroelectric data.

Req.: BS in neurobio., physiol., bioengr. or related field; MS pref. Familiar w/electronic instruments & computer analysis of electrophysiological data plus histological equip. pref. Letter & resume to Judi Deane by 3/25.

**EXECUTIVE STAFF ASST./THESIS ADVISOR (PC0811) Graduate School**

Establish basic thesis/dissertation guidelines & procedures; consult w/faculty, fields & students regarding guidelines & procedures; examine, accept, process theses & dissertations; maintain contact w/appropriate internal & external off. & persons; coord. day-to-day activities.

Req.: BA or equiv. WP, CRT exp. highly desir. Exp. w/graduate students pref. Knowl. of CU graduate programs desir. Letter & resume to Esther Smith by 3/11.

**DIRECTOR, GRADUATE FELLOWSHIPS & FINANCIAL AID (PC0816) Graduate School**

Major categories of resp. of Dir. are operations, public info. & exchange & evaluation. Coord. financial aid for grad. students. Disseminate info. & materials flow between the Grad. School & grad. fields (approx. 90) Requires regular comm. & exchange w/other admin. offes. w/in CU as well as w/other federal, state, industrial/private & foreign orgs.

Req.: BA/MS or equiv. Knowl. of mainframe & micro computer systems essential. Knowl. of CU acctg. desir. Prior exp. w/financial aid or fellowships in an admin. capacity desir. Letter & resume to Esther Smith by 3/16.

**MARKETING DIRECTOR (PA0804) JGSM**

Reports to Dean; will plan & carry out a program to position the Johnson Graduate School of Management nationally as 1 of the leading

graduate schools of management.

Req.: MBA; pref. from Cornell. At least 5 yrs. experience in Public Relations work. Letter & resume to Cynthia Smithbower by 3/18.

**COST ANALYST (PC0716) Statutory Finance & Business Off.**

The cost analyst is a key staff member working w/a finan. & reporting & acctg. team that reports to Dir. Resp. for calculation of federally negotiated indirect cost rates; project indirect cost trends & impact; review & prepare univ. & statutory college cost allocations; handle other projects as assigned.

Req.: BS in acctg. or busn. admin. or equiv. Min. 5 yrs. of significant & resp. cost acctg. exp. in higher ed., gov't, or comparable org. Able to use IBM PC to generate spreadsheet analyses. Letter & resume to Esther Smith by 3/16.

**EXECUTIVE DIRECTOR (PA0702) Biotechnology Program**

Provide admin. support for Program consisting of 3 Univ. partnerships dedicated to advancing basic biotech. research & transfer of resulting knowl. to useful application. Responsibilities incl. budget/finance, personnel, reports/publications, mtgs./conferences. Admin. interface w/Univ., Corporate, Federal & State Offices.

Req.: BA/BS req. Several yrs. exp. in busn. & acctg. systems. Knowl. of biol. systems desir. Proven success as administrator, pref. in academic research environ. Exp. working w/corporate & gov't. scientists & administrators helpful. Letter & resume to Search Committee: Executive Dir., Biotechnology Program by 3/18.

## Clerical

**REGULAR EMPLOYEES** Submit employee transfer application, resume & cover. Career counseling interviews available by appt. **EXTERNAL APPLICANTS** Mail employment application & resume to 160 Day Hall. Interviews conducted at Staffing Services, East Hill Plaza by appt. only. Qualified applicants are contacted after materials are reviewed.

**RESEARCH AIDE, GR17 (C0911) Natural Resources**

Provide a variety of support services to 5 research staff. Specific duties incl. table & figure prep.; literature review; coding; conduct phone interviews.

Req.: AAS pref. in Natural Resources or related field. Coding. Figure preparation. Familiar w/computers, esp. output for tabulation from SPSSX & SAS, microcomputer exp. using Wordperfect & MacWrite. Lt. typing. Min. Biweekly: \$420.76

**ACCOUNTS ASST., GR18 (C0913) Statutory College Fleet**

Prepare billings for use of fleet vehicles; work w/computer section & other depts., coding for computer, edit computer print outs; assist in scheduling vehicles; take phone requests for vehicle reservations; fill in for Admin. Aide.

Req.: AAS or equiv. Exp. w/computer billing systems pref. Exc. interper. & comm. skills req. Some clerical exp. req. Med. typing. Min. Biweekly: \$443.13

**SECRETARY, GR19 (C0910) Mann Library**

Sec. & admin. support for Dir. Type & expedite personnel forms & maintain personnel files for staff & student employees; arrange complex travel, mtg. & appt. schedules for Dir.; act as receipt & screen calls; resp. for staff leave records, equip. inventory & U.S. & UPS mailing operations; order supplies.

Req.: H.S. dip. or equiv. Busn. or sec. school desir. Min. 2-3 yrs. offc. exp. Exc. WP skills essential. Familiar w/IBM-PC desir. Able to set priorities & work independ. in an active, complex environ. Heavy typing. Min. Biweekly: \$469.53

**ADMINISTRATIVE AIDE, GR20 (C0902) Univ. Health Services**

Provide sec. support to Dir. & other clinical staff. Provide necessary back-up for Personnel Asst. & Accts. Coord.

Req.: AAS or equiv. Min. 2-3 yrs. sec. exp. Computer exp.; familiar w/Wordperfect pref. Some knowl. of medical term. Med. typing. Min. Biweekly: \$496.80

**ADMINISTRATIVE AIDE, GR20 (C0906) Public Affairs**

Provide sec./admin. support to Asst. Dean for Development, Dir., & Asst. Dir. of Public Affairs & Dean in College of Engineering. Perform a broad range of moderately complex WP & database file manipulations.

Req.: AAS or equiv. Min. 2 yrs. gen'l. offc. sec. exp. Familiar w/PC's; exp. w/database manipulation. Heavy typing. Min. Biweekly: \$496.80

**SECRETARY, GR21 (C0905) University Relations**

Provide admin./sec. support for Director of Gov'l. Affairs. Handle corresp.; arrange travel; schedule mtgs. & appts.; maintain filing system. IBM-PC, Wordperfect/Displaywrite III.

Req.: AAS or equiv. Min. 4 yrs. related exp. Exc. org. & comm. skills req. Able to work independ. & supv. others in a fast paced environ. Working knowl. of IBM-PC, Wordperfect/Displaywrite III. Heavy typing. Min. Biweekly: \$527.69

**ACCTS. ASST., GR21 (C0908) Diagnostic Lab**

Resp. for computer-based acctg. receivable system. Billings; collections; related recordkeeping & trouble shooting; grant acctg. & inventory mgmt.; system development & implementation of new policies & procedures.

Req.: AAS in acctg. or busn. admin. or equiv. Must be exp. user of spreadsheet & WP software. Good comm. (written/oral) skills essential. Some knowl. of CU acctg. system &/or basic medical term. helpful. Lt. typing. Min. Biweekly: \$526.14

**ADMINISTRATIVE AIDE, GR21 (C0909) Agricultural Economics**

Provide a wide range of admin./sec. assistance to Dept. Chairman. Maintain up-to-date mgmt. info. files of faculty history & publications for large dept.; assist in prep. of conf. materials forwarded to Dean & others; maintain appt. calendar; liaison between chairperson & public.

Req.: AAS or equiv. Strong writing, editing, interper. & org. skills req. Able to work independ. & handle conf. material. Exp. w/micro computers & variety of computer software (Word, Wordperfect, DB III, etc.). Med. typing. Min. Biweekly: \$526.14

## General Service

**REGULAR EMPLOYEES** Submit employee transfer application to Staffing Services, 160 Day Hall. Interviews conducted by appt. only. **EXTERNAL APPLICANTS** Mail employment application to Staffing Services, 160 Day Hall. Interviews conducted by appt. only. Qualified applicants are contacted after materials are reviewed.

**CUSTODIAN, SO16 (G0902) Residence Life-Endowed**

Provide gen'l. custodial care of bldgs. & grounds in immediate vicinity of assigned area. Mon.-Thur., 7:30 a.m. - 4 p.m.; Fri. 7:30 a.m. - 3 p.m.

Req.: H.S. dip. or equiv. Able to operate a variety of heavy power equip., lift 50 lbs. & climb an 8 ft. ladder. Basic reading & writing skills. Daily contact w/students. Min. hourly: \$5.49

**COOK, SO22 (G0901) Dining-Endowed**

Prepare & present a full variety of foods incl. soups, sauces, casseroles, meats & vegetables through own efforts & through supv. of staff. Shift subject to change.

Req.: H.S. dip. or equiv. 3-5 yrs. exp. in preparing full range of entrees; knowl. of food cooking processes (grilling, frying, roasting, steaming) in an institut'l. environ. pref. Working knowl. of use & maint. of charbroilers, steam jacket kettles, pressure steamers, ovens, slicers, mixers, choppers & various hand tools. Supv. skills desir. Min. hourly: \$7.42

## Technical

**REGULAR EMPLOYEES:** Submit employee transfer application, resume & letter. **EXTERNAL APPLICANTS:** Mail employment application, resume, & list of lab techniques/equip., or computer software/hardware with which you are familiar. Submit letter per position, specify title, dept. & job number. Interviews conducted by appt. only. Qualified applicants are contacted after materials are reviewed. Backgrounds highly desired: biochem., chem., microbio., elect., physics, lic. animal health tech.

**TECHNICIAN, GR18 (T0906) Equine Drug Testing**

Perform routine analysis of horse blood & urine in a field lab at Vernon Downs, Vernon, NY. Fri., Sat., Sun. & holidays. 1:30 p.m. - 10:00 p.m. 5 days/wk.

Req.: AAS or equiv. exp. Exp. w/thin layer chromatography & gen'l. lab procedures. Apply by 3/18. Min. Biweekly: \$443.13

**TECHNICIAN, GR18 (T0909) Equine Drug Testing**

Perform routine analysis of blood & urine samples in a field drug testing lab to serve Aqueduct, Belmont & Saratoga Race Tracks. Relocate to Saratoga Springs, NY for month of Aug. each yr. Sat., Sun. & holidays included.

Req.: AAS lab tech. degree or equiv. lab exp. Some exp. w/thin layer & gas chromatography & gen'l. lab procedures. Apply by 3/18. Min. Biweekly: \$443.13

**ANIMAL ATTENDANT, SO18 (T0915) Poultry & Avian Sciences-Statutory**

Assist in care of animals at Poultry Farm. Resp. for health & daily care of research lab animals being raised & maintained in support of genetics, physiology, nutrition, food sci. & extension research projects; animal facilities & equip. maint./care. Collect & record experimental data. Mon.-Thurs., 8-4:30; Fri., 8-3:30.

Req.: H.S. dip.; AAS pref., related exp. Able to obtain certified animal technician (AALAS accred.) pesticide applicators certification (or ability to obtain), NYS driver's lic. Will need to acquire NYS Red Label cert. Able to lift 100 lbs. routinely. Apply by 3/25. Min. hourly: \$6.06

**COMPUTER OPERATOR, GR20 (T0924) Nuclear Studies**

Operate computer batch stream at Lab's computer facility.

Req.: AAS in computer-related field or equiv. Knowl. of mainframe operating system, VAX/VMS pref.; 6 months exp. w/computer batch & peripheral operation. Min. Biweekly: \$496.80

**TECHNICIAN, GR20 (T0912) Food Science & Tech.-Geneva**

Assist in routine processing of fruit using standardized methods employed in commercial operations & routine chemical & data analyses. Perform chemical & physical analyses of processed products. Collect data on process parameters.

Req.: BS or equiv.; exp. in fruit processing. Apply by 3/18. Min. Biweekly: \$495.35

**TECHNICIAN, GR20 (T0916) Entomology**

Provide research support for field crop entomological studies incl. lab/field studies on leafhoppers, cutworms & snout beetles. Until 9/30.

Req.: BS in bio., entomology, horticulture, agronomy or plant path.; valid NYS driver's lic. Trng./exp. in 1 or more of insect rearing, experimental field plot techniques, crop production practices, statistics, computer literacy highly desir. Apply by 3/25. Min. Biweekly: \$495.35

**COMPUTER OPERATOR, GR23 (T0908) Academic Computing**

Operate & demonstrate mainframe & micro computer equip. Perform parallel tasks for printing devices incl. line printers, plotters & laser printers.

Req.: AAS or equiv. + computer coursework. Familiar w/Lotus 1-2-3, dBase III & Wordperfect. Knowl. of mainframes & microcomputers. Good interper. & comm. skills. Apply by 3/25. Min. Biweekly: \$589.44

**TECHNICIAN, GR23 (T0911) Horticultural Sciences**

Assist in designing, organizing, conducting, analyzing & summarizing field, physiology & anatomical experiments on fruit size & quality of Empire apples. Until 10/31.

Req.: BS in horticulture or plant sci. & 2-3 yrs. exp. in field experiments. Computer skills. Pesticide applicators cert. req. or ability to obtain. Valid NYS driver's lic. Apply by 3/18. Min. Biweekly: \$587.72

**TECHNICIAN, GR24 (T4604) Neurobiology & Behavior**

Histology: tissue fixation, sectioning, staining, photography of histological tissue thru photomicroscope, transmission electron microscopy; collaborate on data analysis & write manuscripts; supv. grad. & undergrad. students & another technician.

Req.: BS in bio. Exp. in light & electron microscopy. Apply by 3/25. Min. Biweekly: \$625.43

## Part-Time

**TECHNICAL ASST., GR16 (T0812) Genetics & Development**

Prepare media & solutions for genetic lab. 4 hrs./day, flexible.

Req.: H.S. dip. or equiv. Apply to Judi Deane. Min. full-time equiv.: \$400.67

**OFFICE ASST., GR17 (C0819) Nutrit'l. Sciences**

Provide clerical support to expanding internat'l. nutrition/food policy research program. Maintain resource lib. files; process publication service requests; prepare overseas mailings; photocopy; answer phone; run errands. Mon.-Fri., 20 hrs./wk., flexible.

Req.: H.S. dip. or equiv. Knowl. of busn. corresp. & offc. procedures helpful. Med. typing. Min. Biweekly: \$420.76

**SPECIAL COLLECTIONS ASST., GR18 (C0907) Law Library**

Resp. for maint. of special collections in Law Lib. incl. foreign & internat'l. law materials, faculty loose-leaf svcs. & microfilm materials. 20 hrs./wk., to be established.

Req.: AAS or equiv. Exc. org. skills. High level of attention to detail. Familiar w/French, German or Spanish highly desir. Min. full-time equiv.: \$444.37

**NIGHT SUPV., GR18 (C0516) Hotel Administration**

Resp. for evening & weekend library operation; daily activities incl. circulation & reserve operations; supv. of collection maint. Provide current awareness svcs.; maintain corporate info. files & menu collection.

Req.: H.S. dip. or equiv. 1-2 yrs. exp. AAS or equiv. pref. Strong interper./comm. skills. Previous libr. &/or supv. exp. & able to work independ. nec. Knowl. of computer req. Min. full-time equiv.: \$444.37

**TECHNICIAN, GR20 (T0907) Clinical Sciences**

Process tissue for histologic sectioning & staining. Maintain inventory of specimens of research animals incl. tissues, histology slides & photographs utilizing manual & computer based record system. Provide summary tables for quarterly & annual reports. 20 hrs./wk. flexible.

Req.: AAS in bio. or equiv. 1-2 yrs. exp. Apply by 3/25. Min. full-time equiv.: \$495.35

**ELECTRONICS TECHNICIAN, GR21 (T0914) Theoretical & Applied Mechanics**

Provide support for several ongoing research projects, working w/faculty & grad. students. Maintain & fabricate research apparatus; assist in performing experiments. 25 hrs./wk. Until 3/1/89.

Req.: AAS in electronics or equiv. 2 yrs. exp. in related field. Apply by 3/18. Min. full-time equiv.: \$527.69

**COPY EDITOR I (PC0806) Publications Services**

Edit manuscripts (e.g., Courses of Study & commencement program) & work w/clients, designers & Publications Graphic Purchasing Personnel in supv. production of printed pieces; edit copy for sense, org., accuracy, grammar, punctuation & spelling; consult w/clients about manuscripts & proofs; read & correct proofs; plan/monitor production schedules. 20 hrs./wk.

Req.: BA (pref. in English or linguistics). Able to work independ. Sensitivity to language. High regard for precision. Exc. org. skills. Exp.

w/Mac computer. Able to interact w/a variety of people. Letter & resume to Esther Smith by 3/18.

## Temporary

Experienced & skilled individuals specifically interested in temporary work should mail application to 160 Day Hall.

**GRADUATE ASSISTANTS** Dean of Students Office

10-12 hrs./wk., \$5.75/hr. Submit resume, cover letter & names of 2 references by 3/21 to Office of the Dean of Students, 103 Barnes Hall, Cornell University, Ithaca, NY 14853. 607-255-6839.

**GARDENER (T0607) Plantations**

Assist in planting & maint. of botanical gardens. Weed, prune, mulch, fertilize. NYS driver's lic. req. Some exp. w/woody & herbaceous perennials pref. Able to lift 100 lbs. Seasonal full-time, 9 month position w/benefits.

**SERVICE TECHNICIAN (T0913) Entomology**

Rear insect colonies, conduct insecticide bioassays, supv. undergrad. workers, gen'l. lab maint. & org. 20-30 hrs./wk. Until 8/15.

Req.: BS in bio. sci. Degree in entomology desir. not req. Exp. w/insect, insecticide bioassays & strong org. skills. Apply by 3/18.

**DATA ENTRY OPERATOR (C0802) Summer Session**

Data entry of all summer student registration info., perform gen'l. clerical duties as assigned.

Req.: H.S. dip. or equiv. Able to use IBM PC w/Wordperfect exp. desir. Med. typing. Send application, resume to Laurie Worsell, 160 Day Hall.

**AUDIO VISUAL ASST. (C0707) Hotel Administration**

Deliver a/v & video equip.; routine offc. procedures; equip. scheduling; inter-office comm. Maintain Hotel School equip. inventory; a/v dubbing; train students on equip. usage. Mon.-Fri., 8:00 a.m. - 1:00 p.m.

Req.: Able to meet time deadlines & lift heavy (75-100 lbs.) video monitors. Knowl. of or willing to learn a/v & video equip. operation. Exc. public relations exp. Familiar w/CU campus helpful. Lt. typing. Letter & resume to Laurie Worsell, 160 Day Hall.

**OFFICE ASST. (C0704) Lab Animal Services**

Place orders, type requisitions, process a/p vouchers, post transactions, deposit cash receipts, type corresp., answer phones, handle mail, maintain files, assist Accts. Coord. Mon.-Fri., 4 hrs./day, flexible.

Req.: AAS or equiv. in busn. Knowl. of CU statutory acct. system helpful. Good comm. skills. Able to work w/variety of individuals; accuracy & attention to details essential. Med. typing. Call Laurie Worsell at 255-2192.

## Academic

**POSTDOCTORAL RESEARCH OR RESEARCH ASSOC. (A0901) Boyce Thompson Institute**

Avail. 7/1 in an ongoing research program studying metabolic responses of plants to interacting stresses, incl. air pollution. Should have primary trng. in plant biochem. &/or plant molecular bio. w/secondary trng. in plant physiology, agronomy or other plant sci. Send CV & names of 3 references to Leonard H. Weinstein, Program Director for Environmental Biology, Boyce Thompson Institute at Cornell University, Tower Road, Ithaca, NY 14853.

**EXTENSION ASSOCIATE II (A0902) Natural Resources**

Send letter of application, resume, college transcripts, & names, addresses & phone numbers of at least 3 references to Dr. Marianne E. Krasny, 4-H Natural Resources Program Leader, Department of Natural Resources, Fernow Hall, Cornell University, Ithaca, NY 14853-3001.

**ICELANDIC CATALOGER (ASST./SR. ASST. LIBRARIAN (A0903) University Libraries**

Send cover letter, resume & list of 3 references to Ann Dyckman, Personnel Director, Cornell University Library, 201 Olin Library, Ithaca, NY 14853-5301.

## Mother Mallard to play twice

David Borden's Mother Mallard electro-acoustic ensemble will perform parts of Borden's "The Continuing Story of Counterpoint" in two concerts March 16 and 17.

The story, begun in 1976, has 12 parts in all, related thematically and conceptually.

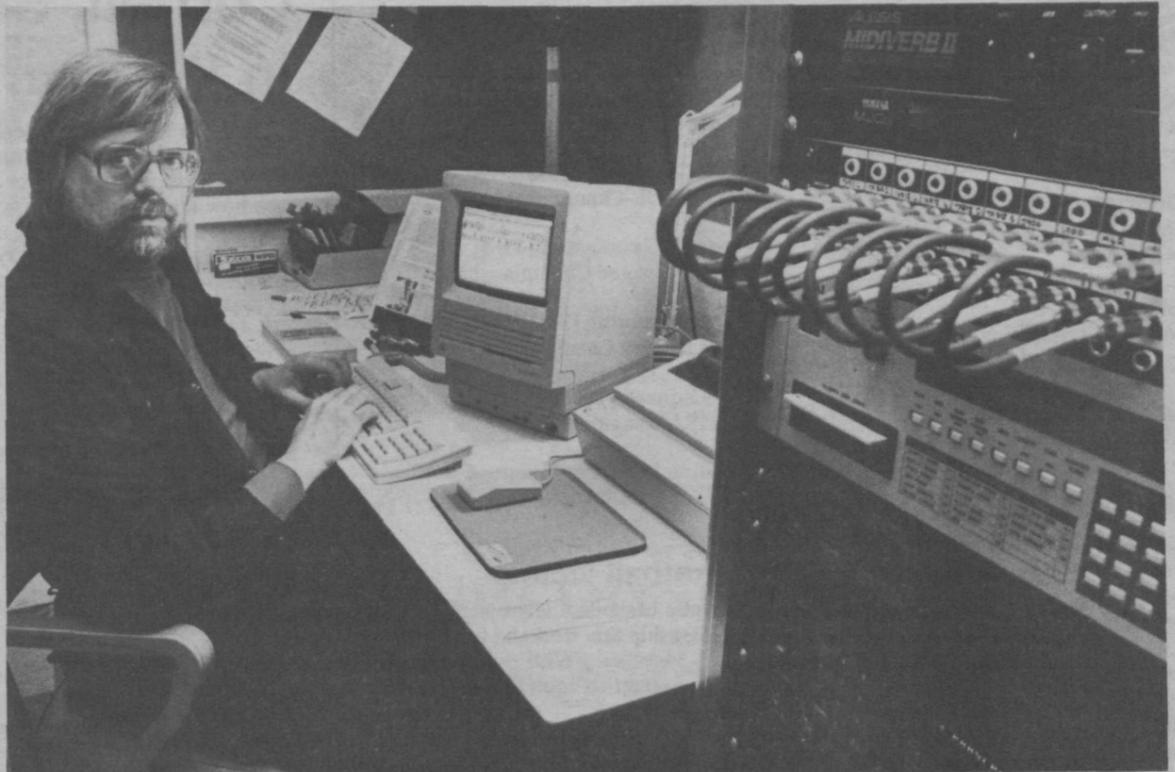
The March 16 performance will be TCSOC Nos. 1, 2, 4, 6 and 8, and the March 17 performance will be Nos. 7, 9, 10 and 12. Both concerts begin at 8:15 p.m. in Barnes Hall auditorium.

In Borden's work, the idea of counterpoint is stretched and tested to see if, literally, note-against-note can be made both rigorous and emotionally moving.

Borden works as composer/pianist for dance in the Department of Theatre Arts and directs the music department's electronic studio. Mother Mallard is the world's first synthesizer ensemble.

Other members of the band are vocalist Ellen Hargis, noted for her work in early music both as a soloist and an ensemble singer; David Swaim, electronic keyboardist and composer and currently freelancing in Los Angeles; and Les Thimmig, woodwind player and composer and a professor of music at the University of Wisconsin, Madison.

Eric Feinstein, who has worked on production with performing artists including Jon Hassell and Peter Gordon, will assist Borden in coordinating the electro-acoustic instruments.



Charles Harrington

Composer David Borden at the keyboard in the music department's electronic studio.

## Coffeehouse series: Marcie Boyd is next

Songwriter and performer Marcie Boyd will make her Ithaca debut March 12 in a concert at the Commons Coffeehouse in Anabel Taylor Hall at 8 p.m.

Boyd also will be the guest for "Conversations in the Commons" at 3 p.m. that afternoon, where she will share insights on topical songwriting and the use of humor in serious times.

Although grounded in the folk tradition, Boyd's repertoire is flavored with cabaret, jazz, rock, Broadway, gospel and classical influences.

This is her first Cornell performance; she has a special attachment to the university: She is the granddaughter of Cornell benefactor Herbert F. Johnson and the niece of trustee Samuel C. Johnson.

Tickets are \$4 in advance and \$5 at the door (\$4 for students or senior citizens), available at Borealis Bookstore and Smedley's Bookshop downtown, Rebop Records and Tapes in Collegiate, and the Commons Coffeehouse.



Marcie Boyd

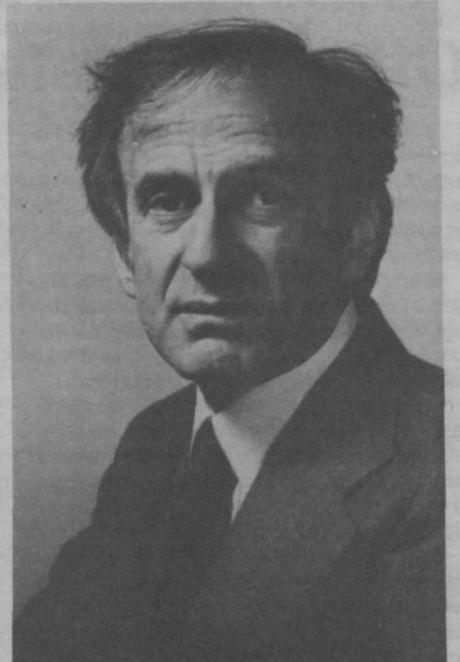
Susan Wilson

## Elie Wiesel to speak on nuclear arms

Nobel Laureate Elie Wiesel will speak at Bailey Hall March 13 at 8 p.m. on the topic, "When the Unthinkable Happens: Implications of the Holocaust For the Nuclear Arms Race."

Wiesel, the Andrew Mellon Professor of Humanities at Boston University, received the Nobel Prize for Peace in 1986. His first published work, "Night" (1960), is a memoir of his experiences as a teenager in Nazi death camps. "The Jews of Silence" (1966) recounts his visit to Jews in the Soviet Union. His other works include novels, essays, Hasidic stories and plays.

Wiesel's speech is sponsored by the B'nai B'rith Hillel Foundation, in association with Temple Beth-El. Tickets are \$6 (\$5 for students), available at WSH ticket office, Corner Book Store, Borealis Books and the Hillel office, G-34 Anabel Taylor.



Elie Wiesel

## CALENDAR

continued from page 5

### South Asia Student Association

"Muslim Women and Architecture in South Asia," Tabera Aftab, University of Karachi, Pakistan and visiting Fulbright Scholar at Mount Holyoke College, March 16, 12:15 p.m., 153 Uris Hall.

### Statistics

"Censored Sample MLEs for Flood Frequency Analysis with Systematic and Historical Information," Jerry R. Stedinger, Environmental Engineering, March 16, 3:30 p.m., 100 Caldwell Hall.

### Textiles and Apparel

"The Impact of Married Women's Employment on Household Expenditures for Clothing," Gail DeWeese, Cornell, March 15, 12:20 p.m., 317 Martha Van Rensselaer Hall.

### Vegetable Crops

"Are Small Farms Gaining or Losing Ground?" a panel discussion, March 10, 4:30 p.m., 404 Plant Science.

"Vegetable Growth, N<sub>2</sub>-fixation, and Carbohydrate Allocation in Dry Beans at High Temperature," Rogelio Hernandez, grad, Vegetable Crops, March 17, 4:30 p.m., 404 Plant Science.

## THEATRE

### Theatre Cornell

"Tonight We Improve," a comedy by Luigi Pirandello and directed by Anthony Cornish, March 10, 11 and 12, 8 p.m., in the Drummond Lab Theatre, Lincoln Hall. The play features a cast of 31, including faculty, resident professionals and many undergraduates. Tickets are \$1 and are available only at the door. Seating is limited and will be available on a first-come first-served basis.

## MISC

### Moot Court winter finals

The final round of the 1988 Winter Moot Court Competition will be held March 12 at 8 p.m. in the MacDonald Moot Court Room, Myron Taylor Hall. It is free and open to the public. Law students will argue for petitioner and respondent in a hypothetical case involving the constitutionality of independent counsels (formerly called special prosecutors).

The Supreme Court is scheduled to hear an appeal on this issue in April.

### Leadership Development Network

The Leadership Development Network will hold a brownbag luncheon seminar for faculty and staff on March 14 from noon to 1:15 p.m. in the North Room on the sixth floor of Willard Straight Hall. The speaker for the day will be Gerry Thomas, and his topic will be "Leadership: A self-examination."

### Christian Science Monitor

The Christian Science Monitor Resource Files may be obtained, free of charge, in the Willard Straight Lobby, March 16 and 17, 10 a.m. to 4 p.m. The files contain up-to-minute newspaper articles on over 150 topics useful for writing papers, preparing speeches, studying for exams and teaching.

### East Asia Program

A performance (in Chinese) will be given by Jin Shengbo, Suzhou storytelling artist, March 14, 4:30 p.m., 230 Rockefeller Hall. There will be an introduction in English by Susan Blader, Dartmouth College.

### Ecological Agriculture Symposium

The fifth annual symposium on ecological agriculture will be held March 13, 9 a.m. to 5 p.m., in the Morison Room, Corson Hall. The symposium will focus on the use of biological and sustainable approaches to solving a variety of agricultural problems. There will be speakers from the Cornell community and other institutions and organizations. The event is free and open to the public.

### Hebrew Speaking Club

Hebrew Speaking Club meets Tuesdays, 8:15-9:30 p.m., G-34 Anabel Taylor Hall.

### Hillel

Topics in Jewish Thought and History meets Tuesdays at 8:15 p.m. in 314 Anabel Taylor Hall.

Women's discussion group meets Wednesdays at 7:30 p.m. in 314 Anabel Taylor Hall.

### Intramural Horseshoes

Deadline for entries is March 14, 4 p.m., in the Intramural Office, Helen Newman Hall. Two to enter, straight elimination tournament. Entry fee \$2 per team due with your roster before deadline.

### Palestinian Human Rights Committee (PHRC)

Weekly meetings every Friday at 5:30 p.m. in Willard Straight Hall, Loft II. This multinational group directs attention to the Palestinians and organizes social and cultural events in the aid of the Palestinian cause.

### Writing Workshop

Writing workshop walk-in service: free tutorial instruction in writing, Monday-Thursday, 3:30-5:30 p.m. and 7-10 p.m., and Sunday 2-8 p.m., 174 Rockefeller Hall; Sunday-Thursday, 10 p.m.-midnight, 340 Goldwin Smith; Sunday-Thursday, 7-10 p.m., Clara Dickson Macintosh Computer Room; and Sunday-Thursday, 7-10 p.m. McFadden Hall Computer Room.

## SPORTS

**Monday-Saturday, 3/7-3/12**  
Men's Polo, National Championships at Valley Forge, Pa.

**Saturday-Sunday, 3/12-3/13**  
Women's Fencing, IFA Championships at Columbia

**Saturday 3/12**  
Women's Gymnastics, Albany State, 1 p.m.

**Sunday, 3/13**  
Women's Polo, at Unadilla 2 p.m.

### LAST WEEK'S SCORES

[X-Y] Overall record to date

**Lacrosse [1-0]**  
Cornell 11, Cortland 5

**Men's Basketball [17-9] Ivy League 11-3**  
Penn 85, Cornell 79  
Princeton 79, Cornell 58

**Women's Basketball [8-16], Ivy League 0-14**  
Penn 74, Cornell 69  
Princeton 79, Cornell 75 (OT)

**Men's Hockey [19-9], ECAC 15-7**  
Clarkson 4, Cornell 3  
Cornell 4, Clarkson 2  
Clarkson 1, Cornell 0  
(ECAC Quarter Finals)

**Men's Gymnastics [5-5], NAGL 2-2**  
2nd at NAGL Championships

**Women's Gymnastics [11-4]**  
1st at Ivy League Championships

**Men's Swimming [3-8], EISL 1-8**  
15th at Eastern Championships

**Men's Squash [17-7]**  
9th at ISA Championships

**Wrestling [9-6], Ivy League 6-0**  
7th at Eastern Championships

### Basketball victory

The men's basketball team won the Ivy Championship this weekend for the first time in 34 years. With this win, they advance to the first round of the NCAA Championships.

### Coach resigns

Head women's basketball coach Linda Lerch has resigned from the post she has held since 1981.

## Cornell, SUNY trustees to meet in first joint session in Albany

Trustees of Cornell and of the State University of New York will meet jointly for the first time on March 16 in Albany to discuss how higher education, government and business can keep the state and the nation competitive in the 21st century.

Governor Mario Cuomo and three other speakers will address the 11 SUNY trustees and 42 Cornell trustees during the session, which will be held in the Old Federal Building from 10 a.m. to 12:30 p.m. The other speakers are Andrew J. Schroder III, senior vice president of General Foods; Bruce Smart, the Commerce Department's under secretary for international trade; and Don Fuqua, president of Aerospace Industries and former chairman of the Science, Space and Technology Committee of the House of Representatives.

The Cornell trustees also will be attending their regular spring meetings, the first to be held in the state capital:

- The full board meets at 2 p.m. on March 16 in the Federal Building's Large Court Room. Dean of the Faculty Joseph B. Bugliari will address faculty concerns of the 1990s, and the dean of the School of Industrial and Labor Relations, Robert E. Doherty, will discuss ILR policies and priorities.

- The Executive Committee meets at 1:45 p.m. on March 15 in the Steuben Club.

It will consider the 1988-89 budget, which is expected to propose a tuition increase of about 6.5 percent, which would be the smallest increase in 15 years, and continuation of the policy of need-blind admission. Personnel, financial and facilities matters also will be on the agenda.

- The Buildings and Properties Committee will meet on March 15 at 8 a.m. in the Desmond Inn.

- The Land Grant and Statutory Affairs Committee will meet on March 15 at 3:30 p.m. in the Steuben Club.

- The Academic Affairs Committee will meet at 7:30 a.m. on March 16 at the Hilton Hotel.

The Colleges of Agriculture and Life Sciences, of Human Ecology and of Veterinary Medicine, and the School of Industrial and Labor Relations are operated by the university on behalf of the state, Cornell is the state's land-grant institution, and Cornell and SUNY jointly administer the state's sea-grant program.

A limited number of tickets for open sessions of the full board and Executive Committee will be available beginning at 9 a.m. on March 11 at the Information and Referral Center in the Day Hall lobby. However, tickets are not required for the open sessions of the other board committees.

## Officials briefed on agriculture, environment programs

Two top New York State officials held a series of meetings last Thursday with Cornell faculty and staff involved in a number of research and public service programs affecting the state's agricultural industry and environmental quality.

Donald Butcher, commissioner of the Department of Agriculture and Markets, and Thomas Jorling, commissioner of the Department of Environmental Conservation, participated in the day-long program.

Their host was David L. Call, dean of the College of Agriculture and Life Sciences, who said the session was arranged to familiarize the two state officials with programs that affect Cornell and the state agencies.

Butcher is no stranger to Cornell, having visited the university many times over the years. "Every time I come here, though, I learn something new," he said. "The purpose of this visit is to look at the resources available at Cornell and to find ways in which we can work together more closely."

Jorling said he was impressed with "the rich array of talents and resources Cornell has." Many of the diverse research programs under way at Cornell relate directly to some of the key activities of his agency, he said. "It is important we take advantage of all the resources available at Cornell for mutual benefits. Certainly, Cornell has the high concentration of those resources in areas in which our programs are directly affected."

The commissioners met with faculty and staff involved in Cornell's Chemicals and Pesticides Program, in the Integrated Pest

Management Program, and in numerous research projects being conducted by the Department of Natural Resources in aquatic science, fishery science, forest science, wildlife science, resource policy and planning and ecotoxicology.

They also were briefed on research and public-outreach programs being conducted at several research centers and institutes within the Center for Environmental Research, a campuswide organization that promotes interdisciplinary research on environmental issues and problems.

The center comprises the Water Resources Institute, Ecosystems Research Center, the Cornell Laboratory for Environmental Applications of Remote Sensing, Environmental Policy Program, the Waste Management Institute, the Global Environment Program and the Biological Resources Program.

The visitors paid special attention to the Chemicals and Pesticides Program and the Integrated Pest Management Program. Under an agreement with the State Department of Environmental Conservation, the Chemicals and Pesticides Program trains pesticide applicators in the state for certification and re-certification, Director Donald A. Rutz said.

Integrated pest management began at Cornell in the early 1970s, and the success of these programs prompted development of a collegewide organization that brings together the scientific knowledge of many disciplines dealing with plant and animal protection, Director James Tette said.

Yong H. Kim



Claude Levit

Thomas Jorling, commissioner of the New York State Department of Environmental Conservation, left, Donald Butcher, commissioner of the New York State Department of Agriculture and Markets, right, and David L. Call, dean of the College of Agriculture and Life Sciences, standing, watch Ronald Gardner, extension associate in the Department of Entomology, retrieve computerized information on pesticides during a special briefing session on Cornell's Chemicals and Pesticides Program.

### Hispanics in film to be discussed in 3-day conference

A three-day conference exploring the changing images of American Hispanics in film and the media will open here today, sponsored by Hispanic American Studies.

On March 11 and 12, scholars from across the country will analyze the ideological underpinnings of the portrayal of Hispanics on prime-time television, in classic Hollywood Westerns and in music videos, among other forms of mass media and culture.

A highlight of the conference will take place tonight at 8 p.m. on the 6th floor of the Johnson Museum when Gordon Davidson, artistic director of the Mark Taper Forum in Los Angeles and collaborator with Luis Valdez, who made "La Bamba," will lead a discussion on the play and film "Zoot Suit."

For a complete listing of events, call Professors Debra Castillo or Kathleen Vernon of the Department of Romance Studies, 255-4264.

### Barton Blotter:

## Backpacks, computer stolen

Five backpacks with contents valued at about \$1,000 were stolen from the Sage Dining Hall area last week, according to the morning reports of the Department of Public Safety for Feb. 29 through March 6.

Other items stolen on campus included a \$10,000 computer taken from Hollister Hall and a \$700 hard-disk drive removed from Clark Hall. There were 14 thefts in all, with losses totaling \$12,436.

Public Safety also is investigating an in-

cident following the Cornell-Clarkson hockey game in which a Clarkson student allegedly was punched by a Cornell student. Seven stitches were needed to close a cut over the Clarkson student's eye.

One person was referred to the judicial administrator on a charge of forging a parking permit. Three false alarms were set off in less than 90 minutes shortly after midnight on March 2 -- two in Cascadilla Hall and the other at North Campus No. 5.

## Protesters charged with Code violation

Two persons have been charged with violating the Campus Code of Conduct's regulations covering the Maintenance of Public Order in connection with demonstrations against General Electric Co. job recruiters at the ILR Conference Center on Feb. 11.

Judicial Administrator Thomas J. McCormick said a hearing on the charges

will be scheduled before the end of the month. Hearings are private unless a defendant elects to open them to the public.

During the protest, about 15 persons entered the center, picketing and chanting on union issues, apartheid in South Africa and nuclear issues. When asked to leave, protesters poured a lime-smelling substance on to a table. No arrests were made.

## Graduate bulletin

**Income tax information:** The Graduate School Council and Office of the Dean are sponsoring a tax information session for graduate students at 4 p.m. on March 16 in 215 Ives Hall. A local CPA and VITA volunteers will be available to answer questions.

**Course changes:** The deadline for changing grade options, credit hours and dropping courses is March 18. There is a \$10 late fee for changes after this date. A course dropped after March 18 will appear on transcripts with a "W" (withdrawn) unless special permission to delete the "W" has been granted by the course instructor and committee chairperson through petition to the Graduate School.

**Thesis/Dissertation instructions:** Instruction booklets are available at the front desk of the Graduate School, Sage Graduate Center.