

Cornell CHRONICLE

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Vet College
Open House



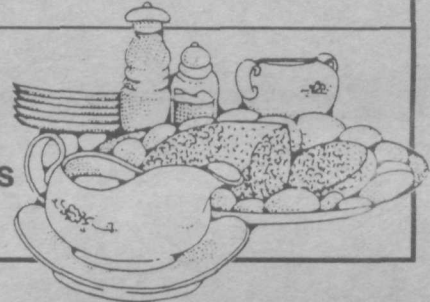
7



Cornell
Jazz Festival

7

The flavors
of foods



Jill Peltzman

OFF AND RIDING — Three bicyclists wend their way through Cornell Plantations on Monday. The high that day, measured at the Ithaca Weather Station on Game Farm Road at 3 p.m., was 77 degrees.

60 undergraduates to report on varied research projects

Some 60 undergraduates in the arts, sciences and engineering will share — with anyone who will listen — findings from their yearlong research projects today and Friday.

The students are scheduled to give 10-minute oral presentations and respond to questions on their work at locations throughout the campus. Projects to be discussed vary from studies of dominant behavior in monkeys and new ideas on relativity and quantum mechanics to designing and building a structurally optimum bicycle frame.

The presentations are part of the Undergraduate Research Forum, launched two years ago "to recognize undergraduate participation in the spirit of investigation which has made Cornell one of the world's leading teaching and research universities," said Marilyn E. Williams, an assistant dean in the College of Arts and Sciences.

Sure to attend the presentations will be faculty mentors, close friends and, perhaps, even family members. The sessions, however, are open to the entire Cornell community and are beginning to attract observers interested only in the subject matter, Williams said.

One person planning to attend all of today's 25 presentations in the College of Engineering's forum is James Moore, a 1962 graduate of the college.

Moore, who manages research and electrical instrument development at Moore Products Co. in Springhouse, Pa., has a established a fund that provides engineering students with stipends of up to \$1,000 or up to \$1,000 in funds to purchase equipment, supplies and computer time for research projects.

Following the presentations of 25 engineering students scheduled from 12:30 to 5:30 p.m. in the McManus Lounge of Hollister Hall, Moore will comment on the role of research in industry and meet with the students during a reception.

On Friday, there will be forum presentations on:

- The humanities, 1:10 to 4:30 p.m. in Room 156 of Goldwin Smith Hall.
- The social sciences, 2:30 to 4:30 p.m. in Rooms 162 and 281 of Goldwin Smith Hall.
- The biological sciences, 2:30 to 4:30 p.m. in Rooms 259 and 320 of Uris Hall.

Continued on page 6

Endowed colleges' tuition to rise 6.9%

Cornell's Board of Trustees approved budget policies on March 18 that would increase 1989-90 tuition at Cornell's privately supported colleges by 6.9 percent.

The increase, to \$14,000 for undergraduates and graduate students in the College of Architecture, Art and Planning, College of Arts and Sciences and College of Engineering, would be the second smallest percentage rise since 1973. The 1988-89 increase was the smallest, at 6.5 percent.

Law School tuition will increase 6.9 percent to \$14,750 from \$13,800. Tuition at the Johnson Graduate School of Management will increase 8 percent to \$14,900 from

\$13,800.

Proposed tuition increases of the same scale were approved for the state-supported undergraduate College of Agriculture and Life Sciences, College of Human Ecology and School of Industrial and Labor Relations, but they remain subject to further discussions with the State University of New York.

The board also extended, through the 1990-91 academic year, its "need-blind" admissions policy, by which Cornell "makes admissions decisions without regard to the ability of

Continued on page 6

New process leads to low-cholesterol milk, dairy products

Cornell food scientists have improved a process to remove cholesterol from milk to the point where they say it is commercially viable.

The process removes 90 percent of the cholesterol in milk by forcing carbon dioxide through butterfat at pressures more than 1,300 times that found in the average automobile tire.

The highly efficient technique — similar to the one used to decaffeinate coffee — opens the way for producing low-cholesterol milk and other dairy products, including butter, ice cream, cheese and yogurt. Discussions are planned with dairy industry representatives to further develop the technique.

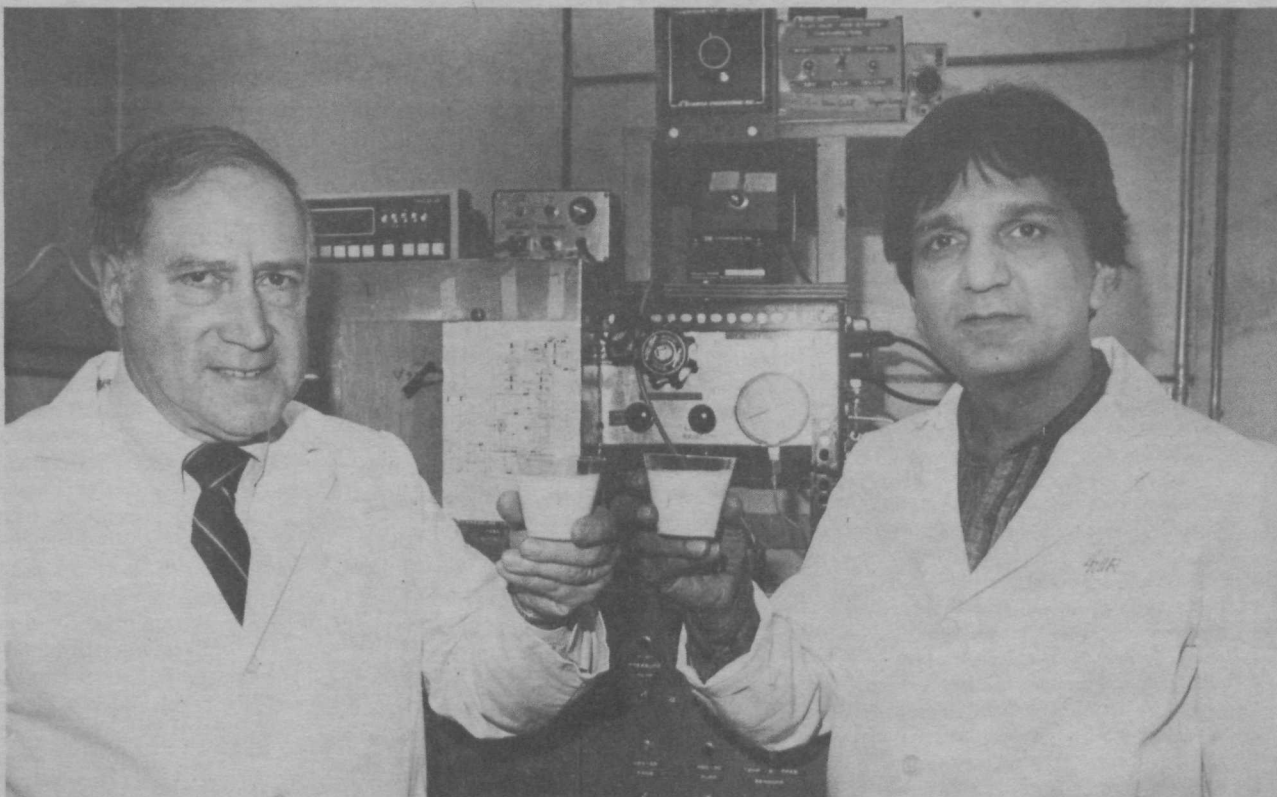
The process, known as "supercritical fluid extraction," could have a worldwide impact on the dairy industry, said food engineering professor Syed S.H. Rizvi, who so far has applied the technique only on a laboratory scale.

"What makes our process particularly exciting is that it not only reduces cholesterol by 90 percent, but also recovers up to 85 percent of decholesterolized butterfat," Rizvi said.

"If we had gotten only a few pounds of decholesterolized fat from 100 pounds of butterfat processed, the yield would have been too low to make any economic sense," he said.

The Cornell research group is not the only one develop-

Continued on page 6



Jill Peltzman

David K. Bandler, left, and Syed S.H. Rizvi, both in the Department of Food Science, drink a toast to low-cholesterol 2 percent milk. Rizvi and his research team have developed a process capable of reducing cholesterol from butterfat by 90 percent.

Briefs

■ **Third of six:** The third in a six-part public showing of a video series, "Joseph Campbell & the Power of the Myth," will be shown in the Commons Coffeehouse in Anabel Taylor Hall at 4 p.m. today. No admission is charged. The other showings in the series are scheduled on April 6, 13 and 20, all at 4 p.m. in the Coffeehouse. The series is sponsored by the Alternatives Library.

■ **On exhibit:** The works of two Cornell art professors — sculptures by Victor Kord and drawings and etchings by Steve Poleskie — are on exhibit through April 29 at The Upstairs Gallery in the Dewitt Mall in downtown Ithaca.

■ **\$450 in prizes:** Three prizes totalling \$450 will be awarded this year to the winners of the first annual Morris Tenenbaum Essay Competition in Jewish Studies. The theme of this year's essay is "American Jewish Culture — Current State and Future Prospects." Essays of 10 to 20 pages must be submitted no later than April 28 to Professor Ross Brann, chairman of the Tenenbaum Prize Committee, 360 Rockefeller Hall. For more details, call Brann at 255-5450. Tenenbaum, who established the prize, is an Ithaca resident. He retired in 1945 after a career in management. He earned a bachelor of arts degree in 1932 and doctorate in mathematics in 1955, both from Cornell.

■ **Sumi-e demonstrated:** Sumi-e artist Nanae Momiyama will give a public demonstration of Japanese brush painting on April 7 from 2 to 5 p.m., at the Johnson Museum of Art. Momiyama came to the United States in 1954 to teach sumi-e, Japanese ink and brush painting. Her work has been exhibited widely throughout Japan, the United States and Europe. In 1975 she won the Grand Prix Humainitaire de France. Among her publications are "Sumi-e, an Introduction to Ink Painting" and "Original Lithographs."

■ **Stairs closed:** The stairway and path leading from the east side of Schoellkopf Crescent to the intersection of Campus and Dryden roads are closed through the end of April for reconstruction. Persons using the much-traveled pedestrian access to campus will have to use alternative routes until the extensive refurbishing project is completed, according to Jeff Lallas, project coordinator.

■ **Meals with Morley:** Employees may sign up for breakfast or lunch with Senior Vice President James E. Morley Jr. by calling the Office of Human Resources at 255-3621. The meals will be held each month during the academic year. Dates and places include a noon lunch on April 21 at Statler Inn and a 7:30 a.m. breakfast on May 17 at Statler Inn. Other dates may be announced.



THIS LITTLE PIGGIE — The skeleton exhibit is always a popular one at the annual Open House of the College of Veterinary Medicine. This year's open house is scheduled from 9 a.m. to 4 p.m. on April 15.

Exotic, domesticated animals to be seen at Vet Open House

Exotic and not-so-exotic animals, pets and livestock — and the men and women who care for them — will be in the spotlight for the 23rd annual Open House at the College of Veterinary Medicine from 9 a.m. to 4 p.m. on April 15.

Self-guided tours will take thousands of visitors through demonstrations and hands-on exhibits.

"If you're interested in the latest medical technologies — ultrasound, for example, or endoscopy — we have demonstrations of them," said Kaye Kopp, one of the student planners of the open house.

"If you want to learn about first aid and nutrition for pets, about the care of newborn or aging animals, about the dangers of poisonous plants and other hazards to pets, you should see our exhibits," she added.

For youngsters, the veterinary students will offer a petting zoo and a nursery of young animals born at the college just days before the open house.

For high school and college students interested in a career in veterinary medicine,

admissions officials will provide information on entrance requirements and costs of education.

"All the animals at the open house — the agriculturally important animals, the household pets and the wild animals like birds and snakes — illustrate the range of patients that veterinarians must learn to treat," Kopp said.

Other exhibits are planned to demonstrate avian and aquatic animal medicine, radiology, cardiology, and clinical and post-mortem pathology.

Visitors can learn the locations of internal organs from horses and cows that are painted with water-soluble colors. The more adventuresome can observe the bovine digestive processes by peering through a fistula (or window) in the side of a cow.

Parking for the open house, which is scheduled rain or shine, is in the "B" lot. More information on the open house is available from the college's Student Affairs and Admissions Office, 253-3700.

—Roger Segelken

Brains, computers to be compared in Bethe lecture series

John Hopfield of the California Institute of Technology will examine how closely computers can simulate the human brain during two public evening lectures and two afternoon colloquia next month as this year's Bethe Lecture Series speaker.

Hopfield will discuss the question "Do computers think?" in a lecture on April 5 at 8 p.m. in the Schwartz Auditorium of Rockefeller Hall.

In a "Symposium on Free Will" on April 12, also at 8 p.m. in the Schwartz Auditorium, Hopfield will explore questions on free will and whether a computer can completely simulate the human mind.

Also participating in the symposium will be Cornell philosophy Professors Richard N. Boyd and Carl Ginet, psychology and nutrition Professor David Levitsky, and ecology and systematics and history Professor William Provine.

In addition, Hopfield will deliver technical talks on "The Physics of Neurobiological Computations" on April 3 and on "Artificial 'Neural' Networks" on April 10. Both will be held beginning at 4:30 p.m. in the Schwartz Auditorium.

The Bethe Lecture Series was established by the College of Arts and Sciences and the Physics Department in honor of Hans Bethe, the 1967 Nobel laureate in physics and the John Wendell Anderson Emeritus Professor of Physics.

—Stacy Schneider

Norman Mailer to speak April 4

Pulitzer Prize-winning author Norman Mailer will speak here on April 4 about his life and his work. His lecture will begin at 8 p.m. in Bailey Hall.

Mailer is the author of "The Armies of the Night," "The Naked and the Dead," "The Executioner's Song," "Tough Guys Don't Dance" and other works.

He is a co-founder of The Village Voice and a contributor to numerous publications.

His visit is being sponsored by the Cornell University Program Board, according to Dorothy Cotton, director of student activities, who announced Mailer's visit Wednesday.

Tickets are \$2 with a student I.D. and \$3 for others. Tickets will be on sale in Willard Straight Hall and at the door.

Cornell Chronicle

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

Obituaries

Charles R. Henderson

Statistician and animal scientist Charles R. Henderson, a leading developer of statistical methods called "mixed linear models" and a pioneer in the genetic improvement of dairy cattle, died of a pulmonary embolism on March 14 in Urbana, Ill., after a brief illness. He was 77.

A memorial service will be held on campus on a date to be announced.

From 1948 until his retirement in 1976, when he was named professor emeritus, Henderson was a professor in the Department of Animal Science in the College of Agriculture and Life Sciences. He headed the Division of Animal Breeding from 1948 until his retirement.

He continued his research and teaching following his formal retirement and had been a visiting professor at the University of Illinois since 1984.

For the past four decades, Henderson was regarded as the inspiration for, and the developer of, a whole area of statistical research resulting in methods used by researchers in a wide range of disciplines, from econometrics and sociology to epidemiology and nutrition.

His own primary application was in animal breeding, where as a statistical geneticist he was considered the leading world au-

thority on sire evaluation for production traits in livestock. This work resulted in large increases in milk production at lower costs to farmers and better nutrition at lower costs for consumers.

In 1953, he published a landmark paper in statistics on estimation methods that has been listed by the Institute for Scientific Information as one of the most frequently cited publications in scientific literature. Methods given in that paper are still used today. He was continuing to develop other estimation methods until his death.

Henderson published more than 240 journal articles and was the author of one book, "Applications of Linear Models in Animal Breeding." He directed the doctoral and postdoctoral research of nearly 70 students, many of whom are now leaders in the field of animal breeding and several of whom are counted among the most prominent statisticians in mixed models.

In 1985, he was elected to the National Academy of Sciences, which is considered one of the highest honors accorded an American scientist. He was a Fellow of the American Statistical Association and recipient of numerous awards in recognition of his research, including the Hermann von Nathusius Medal from the German Society of Animal Production, the Borden Award of

the American Dairy Science Association and the Morrison Award of the American Society of Animal Science.

Henderson was born in Coin, Iowa, and received a bachelor's degree in 1933, a master's degree in 1935, and a doctoral degree in 1948, all from Iowa State University.

Survivors include his wife, Marian, of Ithaca and Urbana; two sons, Charles R. Henderson Jr. and James M. Henderson, both of Ithaca; and a daughter, Elizabeth Ann Henderson of Cambridge, Mass.

Charles H. Alberding

The namesake of and principal donor to the multipurpose field house now under construction adjacent to Lynah Rink, Charles Howard Alberding of Kenilworth, Ill., died on March 14 in St. Petersburg, Fla., after a brief illness. He was 88.

A 1923 engineering graduate of Cornell, Alberding molded a successful career in petroleum engineering, real estate development and hotel management.

The field house was named in Alberding's honor during ground-breaking ceremonies on Oct. 6, 1988. The project is scheduled for completion next November.

Alberding played varsity soccer, baseball and basketball. He was a member of the Cornell Athletic Hall of Fame.

Arts Center offers comedy, dance, dialogue on theater

'Vanities' opens April 5; stars 3 undergraduates

"Vanities," a bittersweet comedy about three girls from Texas who grow apart as they grow up, opens on April 5 in the Center for Performing Arts' Black Box Theatre.

Action takes place in three periods of their lives. In 1963, Joanne, Kathy and Mary are aggressively vivacious cheerleaders. Five years later, in their college sorority house, they confront their futures with nervous jauntiness. In 1974, they reunite briefly in New York City. Their lives have diverged and their friendship, which once thrived on assumptions as well-coordinated as sweater sets, is strained and ambiguous. Old time banter rings false and their attempts at honest conversation only show they can no longer afford to have much in common.

The play evokes nostalgia for the period from the fall of 1963 through spring of 1974. " 'Vanities' is about being female and growing up; it's about the awakening of a consciousness during those years," said Bruce Levitt, the production's stage director and chairman of the Department of Theatre Arts.

"On a theatrical level, 'Vanities' is about three actresses developing a character that in turn develops throughout the show," he added.

The three roles are played by undergraduates Antoinette LaVecchia, Annie Gwathmey and Beverley MacKeen. LaVecchia, who plays Joanne, is appearing in her second leading role as part of her training in the department's newly created Advanced Undergraduate Training Program. She was seen most recently as Bette in last fall's production of "The Marriage of Bette and Boo."

Working behind the scenes on "Vanities" are Resident Professionals Maria Fermo, costume designer, and Chuck Hatcher, sound designer, advanced undergrad lighting designer Liz Polonsky and scenic designer Dan Hall.

"Vanities" will run through April 9. Performances are set for April 5, 6 and 7 at 8 p.m., April 8 at 5 and 9 p.m., and April 9 at 2 p.m.

Tickets for weeknight and matinee performances are \$3.50 for students and senior citizens and \$4.50 generally.

Friday and Saturday evening performances are \$4.50 for students and senior citizens and \$5.50 for the general public. Tickets can be purchased in person at the Center's Box Office or by calling at 254-ARTS.

Script to be read aloud

There will be a concert reading of the winning script in the Heermans-McCalmon playwrighting competition — "The Ceiling Will Open," by Jan Balakian — at 8 p.m. on April 2 in the Film Forum of the Arts Center. Irene Lewis, artistic associate from Baltimore's Center Stage is the director.



Steve Lillo

Above: Members of Dianne McIntyre's dance company perform "In Living Color." The company will perform tomorrow night in the Arts Center's proscenium theater. Below: The Department of Theatre Arts will present "Vanities," starring, from front, Beverley MacKeen, Antoinette LaVecchia and Annie Gwathmey, next weekend. The show opens on April 5.



Patricia Reynolds

Dianne McIntyre dance company to perform Friday

Choreographer, dancer and teacher Dianne McIntyre and her five-member company, The Secret Rain, will perform "Dance and Other Melodies" on March 31 at 8 p.m. in the proscenium theater of the Center for Performing Arts.

McIntyre is known for her creations celebrating African-American culture and for her contemporary dance and music collaborations.

For tomorrow night's concert, she and the company will present excerpts from a dance dramalog, "In Living Color," which pays tribute to the Gullah People of the South Carolina Sea Islands. The piece marks McIntyre's debut as both director and choreographer. OyamO is the playwright.

The program also will include McIntyre's newest contemporary works, "Mary: Poem in White Light," a duet immersed in forest sounds; "Boogie in Bop Time" and "Free Play."

McIntyre has choreographed for Alvin Ailey's American Dance Theatre, and her work has been seen in plays both on and off Broadway, in regional theaters, and in showcases.

For 16 years, she was the creative force behind Sounds in Motion, the New York City-based dance company known internationally for its innovative work with jazz musicians.

Tickets are \$7 for students and senior citizens and \$9 for the general public. They are on sale and can be purchased at the center's box office or by calling 254-ARTS.

Writer-director Joanne Akalaitis to lead discussion

Playwright, actor and director Joanne Akalaitis, a founding member of Mabou Mines company, will lead a discussion of women in the theater, April 3 from 4 to 6:30 p.m. in the Class of '56 Flexible Theater, Center for the Performing Arts.

Some of Akalaitis' work with the company includes Lee Breuer's "Animations"; Samuel Beckett's "Cascando," with music by Philip Glass; "Dressed Like An Egg," based on the writings of Colette; "Dead End Kids, A History of Nuclear Power" (writer and director of the play and of the feature film), original score by David Byrne; and Franz Xaver Kroetz's "Through The Leaves," winner of an unprecedented five Obie Awards.

Currently, she is developing, among other work, "The Mormon Project," a piece about religion in America that focuses on Mormon history, with Mabou Mines and writer Eric Overmyer. She is also directing "Cymbeline" at Joseph Papp's Public Theater, with music by Philip Glass.

Review panel clarifies 'sexual harassment' under code

The University Review Board, in affirming the guilt of a male student charged with harassing his former girlfriend, has for the first time attempted to define "sexual harassment" under Cornell's Campus Code of Conduct.

The review panel, the only campus body that hears appeals of hearing-board findings, cited the federal court's delineation of two kinds of sexual harassment: "The first, often called 'quid pro quo harassment,' occurs when the perpetrator demands, either explicitly or implicitly, that the victim submit to verbal or physical conduct of a sexual nature in order to attain a benefit or avoid a burden," the opinion said, adding, "The perpetrator says, in effect, 'If you deny me sexual favors, I will refuse to help you or (will) cause you problems.' In the university setting, this form of sexual harassment primarily occurs in employment or faculty-student

situations.

"The second species of sexual harassment, in which this case falls, is somewhat more diffuse. Often referred to as 'hostile environment harassment,' it occurs when the perpetrator engages in conduct that creates an atmosphere that is offensive, hostile and intimidating, and that would not have occurred but for the victim's gender or sexuality. This species of harassment does not require the victim to show that the offensive conduct was designed to induce the victim to grant sexual favors or to retaliate against the victim for refusing such favors. Rather, it focuses on the creation of an abusive atmosphere through language or conduct that is sexually suggestive, demeaning of the victim's gender or sexuality, and the like. Of course, in order for a charge to be made out under paragraph O of Part II of Title III of the Campus Code of Conduct,

the perpetrator must also have acted with a deliberate, willful or intentional state of mind."

The board's clarification is helpful because the Campus Code of Conduct uses few words to define the sexual-harassment violation with which the student was charged, said University Counsel Walter Relihan Jr. The entire description of the violation reads: "To sexually harass, abuse or assault, or to rape another person." In the original hearing-board case, held last October, the student pleaded not guilty to this charge, whereas he pleaded guilty to a second charge, harassment, which is defined: "To harass, abuse, or threaten another by means other than the use or threatened use of physical force."

While names and details of the hearing process are kept confidential, Relihan said the student was accused of producing and

distributing derogatory posters about his former girlfriend.

The review panel's opinion said, "In this case, the harassment takes the form of a series of acts resulting in the distribution of a poster to a variety of audiences: those who saw the poster at the places at which it was posted, those working in the complainant's studio and her parents. The purpose and effect of this series of actions was to hurt, embarrass, humiliate and annoy the complainant. The content of the poster, moreover, is markedly sexual in character."

The review board, in rejecting the male student's claim that his actions should be considered constitutionally protected free speech, concluded that the hearing board's guilty finding was justified and that its penalty — suspension until the end of the 1988-89 academic year — was fair.

— Sam Segal

CALENDAR

All items for the calendar should be submitted (typewritten, double spaced) by campus mail, U.S. mail or in person to Joanne Hanavan, 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 subheading of the calendar in which the item should appear.

DANCE

Theatre Arts

Diane McIntyre, choreographer, dancer and teacher and her five-member company, "The Secret Rain," will perform "Dance and Other Melodies" in the proscenium theater of the Center for the Performing Arts on March 31 at 8 p.m. Tickets are \$7 for students and senior citizens and \$9 for the general public. They are on sale at the center's box office or by calling 254-ARTS.

Cornell International Folkdancers

The Cornell community and general public, including beginners, are welcome to join in folkdancing. Admission is free.

Erik Bendix will teach a beginners workshop on April 1 from 2:30 to 5:30 p.m. in the Conference Room of the Biotechnology Building. The fee is \$4. At 6 p.m., there will be a pot luck dinner, followed by singing and a dance party till 10:30 p.m. The dinner also is \$4. Partners not needed. Children are free. For more information call 277-6011.

Folkdancing on April 2, North Room, Willard Straight Hall. Instruction and requests from 7:30 to 10:30 p.m. For more information, call Wies van Leuken: 257-3156.

Israeli Folkdancing

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

Swing & Jitterbug Dancing

Every Wednesday, 8 to 10 p.m., Edwards Room, Anabel Taylor Hall. For more information call 273-0126.

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. Telephone: 255-6464.

"Joan Mitchell," the first major retrospective exhibition of the paintings of this New York School abstract artist, including more than 50 canvasses spanning her career from 1951 to the present, through April 23.

"American Art to 1945," an exhibition of 19th-century landscapes and cityscapes and 20th-century paintings and sculpture, will be on view through the end of May. Most of the works are from the museum's own collection.

Hartell Gallery

Works by Milan Aleksic, MFA, will be on exhibit April 1 through 8. The gallery is situated in Sibley Dome, open Monday to Friday, 8 a.m. to 5 p.m.

Textiles & Apparel Gallery

Designs by fashion designer Mary McFadden will be on exhibit April 3 through 22. Vogue named her as one of America's top-12 designers, and Women's Wear Daily listed her

among the top 12 designers of the world. Gallery hours are 1 to 7 p.m. Monday through Friday and 1 to 5 p.m. Saturdays.

FILMS

Films sponsored by Cornell Cinema unless otherwise noted. An (*) means an admission charge.

Thursday, 3/30

"The First Storytellers," part three of the six-part video series "Joseph Campbell and the Power of Myth," sponsored by the Alternatives Library, 4 p.m., Commons Coffeehouse, Anabel Taylor Hall.

"The Towers of Silence," ninth part of "Jewel in the Crown" series, sponsored by the South Asia Program, 5 p.m., 310 Uris Library.

"Cooperation of Parts" (1988), with guest filmmaker Dan Eisenberg, co-sponsored by Pentangle and Jewish Studies Program, 7:30 p.m., Uris.

"The Houses Are Full of Smoke II," second of a three-part series concerning Guatemala, El Salvador and Nicaragua, 8 p.m., Anabel Taylor.

"The Houses Are Full of Smoke III," last of a three-part series, 9 p.m., Anabel Taylor.

"U2: Rattle and Hum" (1988), directed by Phil Joanou, with U2, 9:45 p.m., Uris.*

Friday, 3/31

"Boyfriends and Girlfriends" (1987), directed by Eric Rohmer, with Emmanuël Chautet and Sophie Renoir, 7 p.m., Uris.*

"Adventures of Buckaroo Bonzai" (1984), directed by W.D. Richter, with Peter Weller, John Lithgow and Ellen Barkin, 8 p.m., Anabel Taylor.*

"The Accused" (1988), directed by Jonathan Kaplan, with Jodie Foster and Kelly McGillis, 9:30 p.m., Uris.*

"U2: Rattle and Hum," midnight, Uris.*

Saturday, 4/1

"Culmination of Shri Ram's Education," and "Shri Ram Returns to Ayodhya," parts three and four of a series of the video saga "Ramayan," an Indian epic, co-sponsored by University Library, South Asia Program, and Southeast Asia Program, April 1, 1 p.m., L-04 Uris Library.

"Alice" (1988), directed by Jan Svankmajer, with Kristyna Kohoutova, shown with "The Cabinet of Jan Svankmajer" (1988), directed by Brother Quay, 7 p.m., Uris.*

"The Accused," 9:30 p.m., Uris.*

"Liquid Sky" (1983), directed by Slava Tsukerman, with Anne Carlisle, Paula E. Sheppard and Susan Doukas, 7:15 p.m., Anabel Taylor.*

"Liquid Sky," 9:45 p.m., Anabel Taylor.*

"U2: Rattle and Hum," midnight, Uris.*

Sunday, 4/2

American Documentary Video IV, featuring "Gotta Make This Journey," "Sweet Honey in the Rock," and "Meta Mayan II," co-sponsored by CCPA and the American Federation of Arts, 2 p.m., Johnson Museum.

"The Accused," 4:30 p.m., Uris.*

"Scrooged" (1988), directed by Richard Donner, with Bill Murray, Karen Allen and John Forsythe, 8 p.m., Uris.*

Monday, 4/3

"House of the Spirit," and "Peace Has Not Been Made," sponsored by the Field and International Study Program, 2:30 p.m., N207 Martha Van Rensselaer Hall.

"The Front" (1976), directed by Martin Ritt, with Woody Allen, Zero Mostel and Herschel Bernardi, co-sponsored by the Cornell Civil Liberties Union, 7:15 p.m., Uris.*

"Scrooged," 9:30 p.m., Uris.*

Tuesday, 4/4

"Asian Heart" (1987), video documentary about "mail order" Filipina brides for Danish men, sponsored by Southeast Asia Program, 4:30 p.m., 310 Uris Library.

"Mother," Okasan (Mikio Naruse, 1952), sponsored by Japanese Film Series, 4:30 p.m., L-04 Uris Library.

"Nayak" (1966), directed by Satyajit Ray, with Uttam Kumar, Sharmila and Tagore, co-sponsored by the Indian Students Association, 4:30 p.m., Uris.

"Dust in the Wind" (1987), directed by Hou Hsiao-Hsien, co-sponsored by Pentangle, 7 p.m., Uris.*

"Scrooged," 9:30 p.m., Uris.*

An untitled film about the current situation in Tibet, smuggled out of the country by British journalist Vanya Kewley, will be shown at 7:15 and again at 8:30 p.m. in the Founder's Room, Anabel Taylor Hall.

Wednesday, 4/5

"House of the Spirit," and "Peace Has Not Been Made," sponsored by the Field and International Study Program, 12:20 p.m., N207 Martha Van Rensselaer Hall.

"Yellow Submarine" (1968), directed by George Dunning, with John Clive, Geoffrey Hughes and Peter Patten, 7:15 p.m., Uris.*

"Scrooged," 9:30 p.m., Uris.*

Thursday, 4/6

"Sacrifice and Bliss," part four of the six-part video series "Joseph Campbell and the Power of Myth," sponsored by the Alternatives Library, 4 p.m., Commons Coffeehouse, Anabel Taylor Hall.

"An Evening at the Maharanee's," tenth part of "Jewel in the Crown" series, sponsored by South Asia Program, 5 p.m., 310 Uris Library.

"School Daze" (1988), directed by Spike Lee, with Larry Fishburne, Spike Lee and Tisha Campbell, with a discussion by Lee following the film, co-sponsored by Africana Studies and Pentangle, 7:30 p.m., Statler. (Note location.)*

"Pink Floyd The Wall" (1982), directed by Alan Parker, with Bob Geldof and Bob Hoskins, 9:30 p.m., Uris.*

LECTURES

Anabel Taylor Hall

Tenzin Tethong, representative of the Dalai Lama and head of the International Campaign for Tibet in Washington, D.C., will give a short talk on the current situation in Tibet followed by the showing of a recent documentary smuggled out of the country by British journalist Vanya Kewley April 4, at 7:15 and again at 8:30 p.m. in the Founder's Room, Anabel Taylor Hall.

Art

Painter Gregory Amenoff will give a lecture as part of the Nancy G. Dickenson visiting artist lecture series, March 30, 5 p.m., 115 Tjaden Hall.

Bethe Lecture Series

"Do Computers Think?" John Hopfield, Caltech, April 5, 8 p.m., Schwartz Auditorium, Rockefeller Hall.

Classics

"The Gardens of Language (or, What We Owe to the Sophists)," W. Ralph Johnson, University of Chicago, April 4, 4:30 p.m., Hollis E. Cornell Auditorium, Goldwin Smith Hall. This is the last of the Townsend Lectures on "Askesis and Caprice: Freedom in Horace's 'Epistles.'"

Education

"Science in the Teaching and Learning Process," Yervant Terzian, astronomy, April 3, 4 p.m., 232 Warren Hall. This is part of the lecture series "Teaching for a Learning Society."

Environmental Law Society

Dave Foreman, founder of Earth First!, will discuss his organization's goals and its use of direct action in protecting the environment, March 31, 7 p.m., Myron Taylor Hall, Law School.

International Legal Studies

"Negotiations on Climate Change: The Process, Players and Possible Outcomes," Conrad Von Moltke, senior fellow, The Conservation Foundation, Washington, D.C. and environmental studies, Dartmouth College, April 3, 4 p.m., 285 Law School. This is part of a continuing series on law and the global environment.

Music

"Haydn and Shakespeare," Elaine Sisman, Columbia University, April 5, 4:15 p.m., Grout Room, Lincoln Hall.

Near Eastern Studies

"A Retrospective Look at Zionist Perceptions of the Jewish-Arab Question," Joseph Gomi, April 4, 4:30 p.m., 374 Rockefeller Hall.

Olin Library Willard Fiske Commemoration

"Dante and Fiske's Dante Collection," John Freccero, Stanford University, March 30, 4:30 p.m., Kaufmann Auditorium, Goldwin Smith Hall; an all-afternoon commemoration on March 31 beginning at 1:30 p.m. in the A.D. White House will include "Willard Fiske and Cornell University," Gould Colman, university archivist; "The Rhaeto-Romanic Collection," Louis Pitschmann, University of Wisconsin; "The Runic Col-

lection," Elmer Antonsen, University of Illinois; "The Icelandic Collection," P.M. Mitchell, curator of the Olin Library Icelandic Collection.

On April 5, there will be a two-day, four-round Swiss chess tournament and a talk, "Fiske and Chess," at 4:30 p.m. in the A.D. White House by Stephen Weissman, a New York City book dealer and chess expert.

Textiles & Apparels

"Symbols of Design; Symbols of the Ancient World," Mary McFadden, fashion designer, April 3, 7:30 p.m., Martha Van Rensselaer Auditorium.

Theatre Arts



Michael O'Brien

Joanne Akalaitis

"Women in the Theatre," a talk followed by discussion with Joanne Akalaitis, playwright, actor and director, and Maria Irene Fomes, playwright and director, April 3, 4 to 6:30 p.m., Class of '56 Flexible Theatre, Center for the Performing Arts. Presented in conjunction with the Festival of Women & the Arts, sponsored by Cornell's Council of the Creative and Performing Arts.

MUSIC

Bailey Hall Concert Series

Mezzo-soprano Marilyn Horne, accompanied by pianist Martin Katz, will perform the final Bailey Hall concert of this season on April 2 at 8:15 p.m. in Bailey Hall. Her program will include works by Haydn, Schubert and Dvorak as well as a group of songs by Spanish and French composers. Tickets are on sale at the Lincoln Hall ticket office Monday through Friday, 9 a.m. to 1 p.m. Prices for the general public are \$18, \$21.50, \$24, \$28 and for students \$16, \$18, \$21.50 and \$24.

Cornell Jazz Festival

Jazz workshop led by composer/arranger John LaBarbera and Steve Brown of Ithaca College will open the festival March 31 at 7 p.m. in Barnes Hall. Performances by jazz bands from Bucknell, Ithaca College, Penn, Princeton and Cornell will be given on April 1 from 12:30 to 5 p.m. in Bailey Hall.

Trumpeter Randy Brecker and pianist Eliane Elias will be the featured performers at the concluding event of the festival. The Brecker/Elias quintet, including Bob Mintzer, saxophone, Jay Anderson, bass, and Adam Nussbaum, drums, will perform on April 1 at 8:15 p.m. in Bailey Hall. Tickets are \$8 and available at the Willard Straight box office, Aardvark Records, McNeil Music and Ithaca Guitar Works, and at the door. For more information, call the jazz ensembles at 277-7761.

Department of Music

Cornell Musica Nova, an ensemble with local guest artists and Edward Murray as its director, will perform mostly 20th-century music on April 1 at 8:15 p.m. in Barnes Hall. Pierre Boulez's work "Derive" is divided in two parts: one at the beginning of the concert and the sec-

and after intermission. Michael Salmirs, piano, will perform Karel Husa's Sonata No. 2 for Piano. Joyce Lindorff, harpshichord, will play John Bull's "Lesson: Two Parts in One" and two pieces by Gyorgy Ligeti: "Hungarian Rock" and "Continuum." Patrice Pastore, soprano, will finish the concert with Boulez's "Improvisation sur Mallarmé II" with an ensemble of piano, celesta, harp and percussion. Bull's piece is described as a 16th-century contribution to contemporary music, an example of Renaissance minimalism. Ascribed to both John Bull and Thomas Tallis, it is a canon that swirls in long, dizzying spirals. The ensemble consists of Florence Flumerfelt, flute; Michael Galvan, clarinet; Sonya Monosoff, violin; Christopher Hopkins, cello; David Feurzeig and Stephen Taylor, piano; Gordon Stout, vibraphone; Sarah Gowin, celesta; Tony Steve, chimes; Barbara de Mario, harp; and the percussionists: Susan Boyd, Sonja Branch, Matt Morano and Giff Howarth.

A student piano recital with music by Beethoven, Prokofiev, Mendelssohn and Chopin, April 3, 8:15 p.m., in Barnes Hall.

A trio consisting of Paul Thompson and Stacey Pelinka, flute, and Alan Giambattista, harpshichord and piano, will give a concert of music mostly from the 19th century on April 6, 8:15 p.m., in Barnes Hall. Featured on the program are Berlioz' Trio of the Young Ishmaelites from "L'Enfant du Christ"; Dopfer's Andante et Scherzo; Hindemith's Canonic Sonatina, Op. 31 and J.S. Bach's Sonata in G Major, BWV 1039. Thompson and Giambattista will also play Martin's Ballade for Flute and Piano.

Sitar Concert

Roop Verma, a disciple of renowned sitar maestro Ravi Shankar, will give a sitar recital on March 31 at 7 p.m. in Statler Auditorium. Verma will be accompanied by Subhash Sarkar on the tabla (drums) and Tracy Verma on the tamboura. The concert will include an original composition of Verma's based on the ragas of the classical music of India. Tickets are \$6 and will be available at the door. For more information, call S. Agarwal at 272-3728 or M. Narain at 272-5438.

Class Notes

The Class Notes, Cornell's first coeducational cappella vocal ensemble, will present their fifth annual concert April 1, at 8:15 p.m., in the auditorium, 166 Martha Van Rensselaer. Composed of undergraduate and graduate students, the group will perform a repertoire ranging from jazz to pop to traditional Cornell songs. Tickets are \$3.50, on sale at Willard Straight box office or from any group member.

Bound for Glory

Wendy Grossman, former Ithacan now living in Ireland, with traditional and contemporary folk music, will perform three lively sets in the Commons Coffeehouse, 8:30 p.m., 9:30 p.m. and 11:30 p.m. on April 2. Bound for Glory can be heard from 8 to 11 p.m. on WVBR-FM93.

READINGS

Epoch Magazine & English

Nathaniel Mackey will give a reading of his poetry today at 4 p.m. in the Temple of Zeus, Goldwin Smith Hall. His 1985 book, "Eroding Witness," was chosen to be published in the National Poetry Series that year. His other books include "Bedouin Hornbook," "Four for Trane," and "Septet for the End of Time." His poems and essays have appeared in many journals, with his most recent poetry published in the current "Best American Poetry" annual.

Fiction writer Rick DeMarinis will read from his work on April 6 at 4:30 p.m. in the Temple of Zeus. DeMarinis, an associate professor of English at the University of Texas, El Paso, has written short stories, novels and books of short fiction. His latest work is titled "The Coming Triumph of the Free World."

RELIGION

Sage Chapel

Rushworth M. Kidder, senior columnist, The Christian Science Monitor, will deliver the sermon April 2. Services begin at 11 a.m. Music



Cornell Cinema is showing Eric Rohmer's film "Boyfriends and Girlfriends," with Emmanuël Chaulet and Sophie Renoir, on Friday at 7 p.m. in Uris auditorium. For other films that night, see the listings.*

will be provided by the Sage Chapel choir, under the direction of Donald R.M. Paterson.

Catholic

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

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

Christian Science

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

Episcopal (Anglican)

Every Sunday, 5 p.m., Anabel Taylor Chapel.

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 6 p.m., Anabel Taylor Chapel.

Conservative/Egalitarian Services: Friday 6 p.m., Saturday 9:45 a.m., Anabel Taylor Hall Founders Room.

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

Korean Church

Every Sunday, 1 p.m. Anabel Taylor Chapel.

Muslim

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

Protestant

Protestant Cooperative Ministry: Bible Study will begin 10 a.m., G-7, Anabel Taylor Hall. Worship every Sunday, 11:00 a.m., Anabel Taylor Chapel.

Baptist Campus Ministry (SBC): Every Saturday, 7 p.m., in the Forum, Anabel Taylor Hall.

Zen Buddhism

Zazen meditation: Tuesdays at 7 p.m. and Thursdays at 5:10 p.m. in the chapel or the Edwards Room, Anabel Taylor Hall. For more information or to arrange beginner's instruction, telephone Ian Dobson: 347-4303.

SEMINARS

Agricultural Economics

"Pollution and Natural Resource Exhaustion in China and the Implications for Agricultural Productivity and Development," David Hsin-Shih Chang, Institute of Botany, Beijing, April 5, 12:15 p.m., 401 Warren Hall.

Agronomy

"Soil Fertility Research in New York: A Green Revolution?" Doug Lathwell, agronomy, April 4, 4 p.m., 135 Emerson Hall.

Applied Mathematics

"Some Notes on Second Order Methods for Dual Problems," P.O. Lindberg, Royal Institute of Technology, Stockholm, March 31, 4 p.m. 322 Sage Hall.

"Cryptography: The Quest for Secrecy and Authenticity," James L. Massey, Swiss Federal Institute of Technology, April 3, 4:30 p.m., Kaufmann Auditorium, Goldwin Smith Hall. Part of the Special Year in Information and Decision Theory.

"Two Recent Applications of Information Theory in Cryptography," James L. Massey, Swiss Federal Institute of Technology, April 4, 4:30 p.m., 32 Sage Hall. Part of the Special Year in Information and Decision Theory.

"Convolutional Codes for M-ary Phase Modulation," James L. Massey, Swiss Federal Institute of Technology, April 5, 4:30 p.m., 219 Phillips Hall. Part of the Special Year in Information and Decision Theory.

Astronomy

"Spiral Chaos in an Orbiting Patch," Alar Toomre, M.I.T., March 30, 4:30 p.m., 105 Space Sciences.

"Pulsar Aided SETI Strategies and 1990 Bioastronomy Symposium in the French Alps," Jean Heidmann, Observatoire de Paris, April 6, 4:30 p.m., 105 Space Sciences.

Atomic & Solid State Physics: Solid State Seminar

"X-Ray Diffraction and Pattern Recognition," R. Bruinsma, University of California, March 30, 1:15 p.m., 701-702 Clark Hall.

"Femtosecond Time Replacement Studies of Surface Dynamics," H.W.K. Tom, AT&T Bell Laboratories, April 4, 4:30 p.m., 700 Clark Hall.

Biochemistry, Molecular & Cell Biology

"Regulation of Sexual Differentiation by Alternate Splicing," Michael McKeown, molecular biology & virology labs, Salk Institute, March 31, 4 p.m., Large Conference Room, Biotechnology Bldg.

Biophysics

"Optical Imaging of Ion Concentration Dynamics in Neurons," David Tank, molecular biophysics, AT&T Bell Laboratories, April 5, 4:30 p.m., 700 Clark Hall.

Chemical Engineering

"Thermodynamics of Near-Critical Systems: Theory, Simulations and Applications," Pablo DeBenedetti, chemical engineering, Princeton University, April 4, 4:15 p.m., 145 Olin Hall.

"Atomic versus Molecular Reactivity at the Gas-Solid Interface: The Adsorption and Reaction of Oxygen and Fluorine," James R. Engstrom, chemistry, University of Wisconsin, April 5, 4:15 p.m., 145 Olin Hall.

Chemistry

"Electronic Structure in Liquids," Richard M. Stratt, Brown University, March 30, 4:40 p.m., Baker 119.

"Receptor Mapping: An Excursion in Computer Modeling," James Snyder, G.D. Searle Company, April 3, 4:40 p.m., 119 Baker. Organic Chemistry Colloquium.

"Chemistry for the Public — The Final Frontier," David N. Harpp, McGill University, April 4, 4:30, 119 Baker. Special Seminar.

"Enantioselectivity in Organic Synthesis Using Enzymes and Microbes," Virinder Parmar, M.I.T., April 6, 11 a.m., ST Olin 458.

Cornell Cooperative Extension Forum

"Funding Extension Programs," moderated by Wayne Knoblauch, with an overview by John Ford, chairman, human service studies, and speakers Lucinda Noble, extension director, Carol Anderson, extension associate director, and R. David Smith, extension associate director, April 3, 9 a.m., 401 Warren Hall.

Cornell Education Society

"Teflon Learners, Novice Teachers: A Crisis in American Higher Education," D. Bob Gowin, education, April 4, 1:25 p.m., 131 Roberts Hall.

Cornell Research Club

"Roman Biographical Sarcophagi: Style and Social Class," Jane Whitehead, Mellon Fellow in Classics, April 6, 12:50 p.m., Faculty Commons, Martha Van Rensselaer.

Entomology

Title to be announced, S. Beck, University of Wisconsin, Madison, April 3, 4 p.m., A106 Corson/Mudd Hall.

Epidemiology

"Who Benefits from Nutritional Supplementation?" Jean-Pierre Habicht, nutritional sciences, April 3, 12:20 p.m., 201 Warren Hall.

Floriculture & Ornamental Horticulture

"Strategies for Managing Cornell Grounds, Dennis Osika, manager, grounds department, March 30, 12:15 p.m., 404 Plant Science Bldg.

"Horticultural Potential of Pelargonium Species and New Hybrid Types," Emie DeMarie, April 6, 12:15 p.m., 404 Plant Science.

Food Science & Technology

"Influence of Milk Pasteurization on Cheddar Cheese Yield and Proteolysis During Cheese Aging," Kum Yee Lau, food science, April 4, 4:30 p.m., 204 Stocking Hall.

Geological Sciences

"New Models for the Variations of CO₂ and O₂ during the Phanerozoic," Antonio Lasaga, Yale University, April 4, 4:30 p.m., 1120 Snee Hall.

History & Philosophy of Science & Technology

"Some Reflections by a Hospital Philosopher," Samuel Gorovitz, dean, Arts and Sciences, Syracuse University, March 30, 4:30 p.m., 165 McGraw Hall.

Information Technologies Lunchtime Bytes

"Cornell University Distributed Account (CUDA)," Dean Eckstrom, information technologies, CUDA project and Clint Sidle, institutional planning and analysis, March 30, 12:20 p.m., 100 Caldwell Hall.

International Development & Women

"Women and Multinationals: Rethinking the Controversy," Linda Lim, University of Michigan, March 30, 4:30 p.m., 102 W. Sibley.

International Nutrition

"Consuming Hunger," a video about the famine in Ethiopia there, followed by a discussion led by Cathy Campbell, nutritional sciences, March 30, 12:15 to 2:45 p.m., 100 Savage Hall. The video analyzes media coverage of the famine in three parts, asking these questions: Why did it take so long for western television to cover the famine? What happened to the images of starving Africans once they became part of our television culture? What did the Hands-Across-America mega-event tell us about hunger in this country?

International Studies in Planning

"Planning for Development by Managing Multinationals: The Case of Singapore," Linda Lim, economics, University of Michigan, March 31, 12:15 p.m., 115 Tjaden.

Latin American Studies

"Tractors, Bibles and Shamans: Agricultural Technology and Religious Belief among the Comanche Maya of Mexico," Betty B. Faust, visiting instructor, anthropology, Ithaca College, April 3, 12:15 p.m., 153 Uris Hall.

Materials Science & Engineering

"Ionic Transport," Stan Wittingham, SUNY Binghamton, April 6, 4:30 p.m., 140 Bard Hall.

Graduate Bulletin



Course pre-enrollment: Graduate students are advised to pre-enroll for fall semester courses through April 12 to increase chances of enrollment in undergraduate courses that are typically over-subscribed.

Forms are available at Graduate Field Offices and Sage Graduate Center and should be returned there by April 12.

Income tax workshop for international students: April 5, 1 to 2:45 p.m., auditorium, Anabel Taylor Hall.

Graduate Student Council general meeting: April 3, 5:15 p.m., The Henry, Sage Hall.

1990-91 fellowships: Many fellowships have fall deadlines for completed applications. Plan ahead for 1990-91 by consulting the Fellowship Notebook and sending for application forms.

Notebooks available in each graduate field office, on CUINFO under the heading Academic and the subheading Grad, and at the Fellowship and Financial Aid Office, Sage Graduate Center. The Notebook list over 350 graduate fellowships.

Eligibility requirements, amount of award, deadline and the address for application are included with each entry. Post cards requesting application forms will be available.

President Rhodes invites students to breakfast

A limited number of places are available for students to sign up for breakfast with President Frank H.T. Rhodes. His office's telephone number is 255-5201.

The breakfasts are held from 7:30 to 8:30 a.m. in the Elmhurst Room of Willard Straight Hall at various times during the year. Reservations are made on a first-come, first-served basis.

Reminder cards will be sent out by the president's office.

Research *continued from page 1*

- Chemistry, 2:30 to 4:30 p.m. in Room 110 of the A.D. White House.

- Physics, astronomy and mathematics, 2:30 to 4:30 p.m. in Room 494 of Uris Hall.

The two-day forum will conclude with a public lecture by Robert A. Buhrman, director of the School of Applied and Engineering Physics. He will discuss "Recent Developments in High-Temperature Superconductivity," starting at 4:30 p.m. in the Hollis E. Cornell Auditorium of Goldwin Smith Hall.

—Martin B. Stiles

Milk *continued from page 1*

ing supercritical extraction for cholesterol-removal, Rizvi pointed out. Several companies also are experimenting with the method, but have apparently not yet reported a high-yield, continuous process that matches the Cornell technology. These companies include Supercritical Processing Inc. of Allentown, Pa., and Phasex Corp. of Lawrence, Mass.

Perhaps more importantly, the patent office of Japan recently disclosed that the Food Research Society of Higashimura City near Tokyo has applied for a Japanese patent on a similar technique for cholesterol removal, Rizvi said. The independently developed Japanese method reportedly can reduce the cholesterol level in butterfat by nearly 84 percent, with about 87 percent recovery of the decholesterolized fat. The patent application cites a 1986 paper entitled "Modification of Butter Oil by Extraction with Supercritical Carbon Dioxide" published in the journal *Agricultural and Biological Chemistry* by scientists from Tohoku University in Sendai, Japan.

Hotel School, IBM to develop new ways to utilize computers

The School of Hotel Administration has entered into a joint research project with International Business Machines Corp. to study new ways to use computer technology in hotel and restaurant management and in education for the hospitality industry.

Sponsored by IBM's University and College Systems, the three-year research partnership will focus on developing new teaching technologies and operational applications, and on strategic planning and research.

IBM is contributing \$1 million in IBM Personal System/2 hardware and software, one of the largest such partnerships in hospitality industry education, IBM said.

Under the agreement, 58 IBM PS/2 Models 50, 70 and 80 computers are being installed in the Hotel School and adjoining teaching hotel that will be dedicated on April 14.

"The IBM computers will be used by the school's faculty and students to collect and analyze data from the Statler Hotel and J. Willard Marriott Executive Education Center on our campus," said John J. Clark Jr., Hotel School dean. "In addition, the computers will be used to develop new ways of teaching management in the hospitality industry and other skills of our profession."

According to Marvin L. Mann, IBM vice

president and general manager for the service industry, "IBM is aggressively pursuing university-related development activities. We regard the Cornell School of Hotel Administration as one of the leading professional school that sets the standards for the teaching and practice of hotel management."

Richard G. Moore, an associate professor in the Hotel School and project coordinator, said that leading-edge technology will be used to "explore ways to automate all parts of the hospitality industry."

Specific research will include evaluating how the PS/2 systems can be used to:

- Integrate all departments of a hotel operation through the use of a computer network.

- Collect and analyze information from Cornell's Statler Hall, including data from front- and back-office operations, guest service, and food and beverage service.

- Integrate information from the Statler Hotel's operational areas into one data base for common analysis.

- Simulate the operation of different areas of the hospitality industry — including shelters for the homeless, institutions and health-care facilities — for teaching and analysis.

—Albert E. Kaff

Graduate student to join board of trustees

Graduate student Xenia K. Young was elected to a two-year term on the university's Board of Trustees, effective July 1. She succeeds Alan S. Rozen, a senior in the College of Arts and Sciences.

Young was one of six students seeking a seat on the 42-member board, which includes two students, two faculty members and one staff member.

Students cast their ballots on March 7 and 8, and results were made public on March 17.

Trustees elected from constituency groups have full privileges and responsibilities

on the board, which also includes members elected by alumni and by the board.

Young is a graduate student working toward a Ph.D. in biochemistry. She also is vice president of the Graduate Student Council, a member of the university committee reviewing the Dean of Students Office and a graduate student adviser.

A native of Oakville, Ontario, Canada, she received a B.S. degree in biochemistry from the University of Toronto in 1985 and began her graduate studies in the College of Agriculture and Life Sciences later that year.

Tuition *continued from page 1*

students or parents to pay" and pledges financial-aid packages to meet the educational costs of those in need.

Under the projected 1989-90 budget, Cornell's contribution to student financial aid will increase at a far greater rate than tuition. That contribution, from the endowed, general-purpose budget, is expected to rise from the \$15.6 million approved for the current year by 13.7 percent, almost double the planned tuition increase; and it marks the seventh consecutive year that the university contribution to financial aid was to increase at a rate well above the rise in tuition.

"Keeping the tuition increase so close to the anticipated inflation increase of 6 percent despite the cost of financial aid and the budget pressures across campus required stringent measures," said Provost Robert Barker.

"To enable us to keep the rise in tuition below 7 percent, we've imposed cuts of

about 2 percent on academic units and of 5 percent on administrative units. These cuts are necessary if we are to keep tuition down and to provide competitive faculty salaries, maintain and operate new buildings, sustain the quality of the library and acquire modern computers and laboratory equipment for instruction," Barker said.

Final tuition figures, along with the complete budget for the fiscal year that starts on July 1, will be presented to the board at its May 27 meeting.

The tuition figures approved by the board today were part of the planning policies and assumptions on which that full budget will be based.

Among those assumptions were an inflation rate of 6 percent for the fiscal year starting July 1 and full-time, on-campus enrollments next fall of 12,605 undergraduates (unchanged from this fall), 4,050 graduate students (down 72) and 1,300 professional-school students (down 333).

Barton Blotter Student charged with striking a peer

John Sanders, 23, a senior in the College of Engineering, is scheduled for a hearing in Ithaca City Court Friday on charges of hitting a male student on the head several times with a crowbar apparently without provocation on March 25 while the student was studying in Clark Hall.

The victim received multiple stitches for cuts on his head at Tompkins Community Hospital, according to Lt. William Boice of the Department of Public Safety.

Sanders, who is from Laurelton, N.Y., was being held in Tompkins County Jail yesterday in lieu of \$5,000 cash bail.

According to Boice, the victim reported that Sanders approached him, opened an orange knapsack and began to hit him with a metal rod without saying a word. The victim said he did not know Sanders, Boice reported.

Boice said Sanders was temporarily suspended from the university on March 28 and scheduled for a review of the suspension before the judicial administrator last night.

Also, according to the morning reports of the Department of Public Safety for March 13 through 26, seven persons were referred to the judicial administrator on charges including forgery, possession of stolen property, reckless endangerment and disorderly conduct.

Included in the 10 thefts reported on campus was a weighing device worth \$1,698 taken from Boyce Thompson Institute.

Other thefts included two bicycles worth a total of \$350, a \$200 sign taken from the Ivy Room, \$300 in cash stolen from the Law School addition, \$120 in cash removed from the Sibley Hall Computer Room and a \$200 vacuum cleaner stolen from Schoellkopf Hall.

Five parking permits were reported stolen from cars on campus.

Computerized copies of the most current daily report may be called up on CUINFO under the title SAFETY.

Other planning assumptions included increases in the basic graduate-student stipend of 5.9 percent for the first year (from \$6,800 to \$7,200) and of an average of 12 percent after the first year (to \$8,064), and a 5 percent increase in the student-wage scale, which was increased by 10 percent in each of the two previous academic years.

The trustees also voted to require financial-aid students to assume a somewhat larger share of their educational costs.

Next year's self-help contribution — from loans and earnings during the academic year — will increase by 4.1 percent for the typical student (from \$4,820 to \$5,020).

The expected contribution from summer-job savings is to rise for pre-freshmen from \$1,050 to \$1,150, for pre-sophomores from \$1,350 to \$1,450, for pre-juniors from \$1,450 to \$1,550 and for pre-seniors from \$1,550 to \$1,650.

—Sam Segal

quantities.

Whole milk contains about 3.3 percent butterfat, which consists of saturated and unsaturated fats in the form of triglycerides, plus phospholipids and cholesterol. They account for about 130 grams per gallon. In turn, about 0.4 percent of the butterfat in milk, or about 532 milligrams per gallon, is cholesterol. This white, odorless fatty substance long has been implicated as causing plaque in arteries, which can produce heart disease.

By adding decholesterolized butterfat to skim milk, the Cornell researchers already have made decholesterolized 2 percent milk. Two percent milk contains only 2 percent butterfat compared with 3.3 percent in whole milk. Also popular is 1 percent milk.

In 1987, the average American drank 20.7 gallons of milk as a beverage, 3.3 gallons less than in 1965. This compares with the per-capita consumption of soft drinks at 43.4 gallons, coffee at 25.3 gallons and beer at 23.9 gallons.

Rizvi said that, although the supercritical

fluid extraction process is not new, researchers only recently have recognized the importance of this technology. The technique is now used to decaffeinate coffee and to obtain hops extracts that give beer its characteristic bitter flavor; researchers have long hoped to discover other food-processing applications.

The method now used to decaffeinate coffee beans is basically the same as the cholesterol-removal process devised at Cornell. Rizvi's achievement was to optimize the precise operating conditions and develop other critical steps required for the efficient removal of cholesterol from butterfat with high recovery of the usable product.

He developed the cholesterol-removal system with a team of other Cornell researchers, including postdoctoral fellows Hakim Benkrid and Roy Chao and graduate students Betsy Tse and Abigail Honer. His research has been supported in part by the National Dairy Promotion and Research Board.

—Yong H. Kim

Sears grant aims to foster better teaching

Do freshman engineering students learn about structural principles from building their own "columns" out of paper and glue?

Do they learn more from a relatively few case studies of structures than from theoretical texts?

These are the kinds of questions Assistant Professor Mary Sansalone will be answering thanks to a grant Cornell has received to improve undergraduate teaching.

The grant, from the Sears-Roebuck Foundation, will allow 15 faculty members from across the university to test the effectiveness of methods they are using or considering using in their classrooms.

"The grants help us encourage faculty to become researchers of their own practice of teaching," said David Taylor-Way, director of the Office of Instructional Support.

If the program proves fruitful, he added, such self-examination could become an element of future tenure-review decisions.

"This grant provides one more way to pursue our priority commitment to quality undergraduate education," said Larry Palmer, vice president for academic programs, in announcing the first recipients of the individual grants of \$1,500.

"We are reviewing the broad, theoretical framework of undergraduate life; we are providing a million dollars a year, through the President's Fund for Educational Initiatives, to support specific teaching innovations with wide-reaching benefits; and now this grant lets us focus in on the individual-classroom level to measure how well specific instructional tactics succeed in enhancing learning."

Four faculty members have been named winners during this semester, Taylor-Way said. Eleven more will be named over the next two semesters; and at seminars in December and in June 1990, their research will be discussed and made available to others on campus and beyond.

Besides Sansalone, the other first-round winners and their projects are:



Susan Kesner Bland of the Department of Modern Languages and Linguistics discusses her project to measure the effectiveness of two-language computer databases in learning languages with David Taylor-Way, director of Cornell's Office of Instructional Support, center, and Mike Mulberry, a manager with Sears-Roebuck.

- Edward Ostrander, associate professor of design and environmental analysis, who will compare the impact on learning of two distinctly different teaching styles — supportive and challenging.

- John Volmink, a mathematics instructor who teaches a math course for the underprepared, will evaluate, with the aid of videotaped sessions, the teaching impact of replacing lectures with small-group discussion and cooperative problem-solving.

- Susan Kesner Bland of the Interactive Media Center of the Department of Modern Languages and Linguistics will measure aspects of the effectiveness of two-language computer databases in the process of learn-

ing foreign languages.

Sansalone teaches an introductory engineering course on structures. She will evaluate her case-study method and the use of computer-graphics structural analysis as well as the learning value of such friendly competitions as building columns out of paper. She has used these methods twice before, but the \$1,500 will allow her to evaluate them through interviews and statistical analysis.

For her first two runs of the course with these methods, the student-built paper column that holds the record is one that bore a weight of 400 pounds before buckling.

—Sam Segal

Taste, texture, flavor of foods to be examined

The science of evaluating the flavor, color, texture and taste of foods will be discussed at a symposium on April 3 and 4 at the Ithaca Sheraton Inn.

Topics for the symposium, "Food Chemistry and the Senses," will range from electrical measurements of how people chew to the puzzle of what makes sugars sweet.

The symposium will address advances in sensory evaluation over the past two decades and current practices, both in terms of human sensory appreciation and underlying food chemistry, according to Richard Ledford, chairman of the Department of Food Science.

"When consumers buy a food product and eat it, they decide whether they like it based on the product as a whole," said Harry T. Lawless, an expert on sensory evaluation in the Department of Food Science and the sponsor of the upcoming conference.

"They do not necessarily look at the individual qualities of the food, such as color, taste, aroma and texture under a microscope.

"However, scientists look at the individual pieces of the food puzzle, trying to figure out what makes consumers like one product and dislike another."

The symposium will honor W. Frank Shipe, professor emeritus of food science, an authority on the preservation of flavor and nutritional value in milk during processing, handling and storage.

Shipe is the recipient of the 1982 American Dairy Science Association's Kraft Teaching Award for excellence in teaching. He retired here in 1986 after 37 years of service.

Shipe will reflect on his research and teaching career in a talk on April 4 at 11:45 a.m.

Kenneth E. Wing, associate dean of the College of Agriculture and Life Sciences at Cornell, will open the symposium with remarks at 12:55 p.m. on April 3.

Topics and speakers include:

- "Charm" analysis, a method of analyzing odor-active chemical components in fruits and vegetables, Terry A. Acree, professor of food science and technology, New York State Agricultural Experiment Station at Geneva.

- Sensory and instrumental relationships, Harry T. Lawless, Department of Food Science.

- The enigma of sensory-instrumental correlations in texture measurements, Alina S. Szczesniak, General Foods Inc.

- The study of mastication using electromyography, Jacqueline I. Amemiya, Nabisco Biscuit Co.

- Chemical senses and nutrition, Richard D. Mattes, Monell Chemical Senses Center.

- Sweetness of the sugars, Robert S. Shallenberger, professor emeritus of food science and technology, Geneva Agricultural Experiment Station.

- Lactose — the convertible carbohydrate, Dick H. Kleyn, Rutgers University.

- Chemistry and biochemistry of meat flavor, color and texture, Robert C. Benedict, U.S. Department of Agriculture.

- The light side of Shipe's research on milk oxidation, John W. Finley, Nabisco Biscuit Co.

Shipe's career and accomplishments will be profiled by two speakers during a banquet that is scheduled to begin at 7:30 p.m. on April 3.

The speakers are Richard A. Scanlan of Oregon State University and Cornell food science Professor David K. Bandler.

—Yong H. Kim

Theory Center offering workshop on Trollius

The Cornell Theory Center will offer a three-day workshop April 11 to 13 to allow scientists and corporate researchers the opportunity to explore the uses of the computer operating system Trollius.

Developed at Cornell, Trollius is designed to manage computer systems based on the transputer — a small, powerful computer-on-a-chip that has been incorporated into laser printers, image recognition equipment and scientific work stations over the past decade.

There are a few spots left for the workshop, and applications must be received by March 31.

The fee for academic participants in the program is \$30.

The workshop will include an introduction to Trollius and to development tools for the system.

Systems Programmers Dave Fielding and Jim Beers, technical specialists with the Theory Center, will teach the workshop.

The transputer was developed by the British computer firm Inmos Ltd.

Arrays of interconnected transputers can speed computation time by dividing complex computer problems into parts that are processed simultaneously.

Such parallel computation promises massive increases in computing power at lower costs.

—Stacy Schneider

Jazz festival will feature student bands, guest quintet

Trumpeter Randy Brecker and pianist Eliane Elias will be the featured performers for the close of the Cornell Jazz Festival on April 1 at 8:15 p.m. in Bailey Hall.

The Brecker/Elias quintet will be completed by saxophonist Bob Mintzer, bassist Jay Anderson and drummer Adam Nussbaum.

The concert will be the last event of the Cornell Jazz Festival, scheduled for March 31 to April 1. Free festival events are:

- A jazz workshop run by Cornell Jazz Ensembles director John LaBarbera and Steve Brown of Ithaca College, March 31 at 7 p.m. in Barnes Hall;

- Performances by jazz bands from Bucknell, Ithaca College, Penn. Princeton and Cornell, April 1 from 12:30 p.m. to 5 p.m. in Bailey Hall.

Tickets for the Brecker/Elias concert are \$8, available at the Straight box office, Aardvark Records, McNeil Music, Ithaca Guitar Work and at the door.

Brecker has provided biting brass lines to hundreds of records by jazz and pop artists; Blood, Sweat, and Tears,

Chaka Kahn, Stevie Winwood, Paul Simon and James Brown, to name a few. In 1983, he formed a new group with Eliane Elias, combining their writing and performing talents to delve into elements of Brazilian and American pop, along with jazz. In 1987, Brecker's first solo acoustic straight-ahead album, "In The Idiom," received two four-star reviews from "Downbeat" magazine.

Eliane Elias, a native of San Paulo, naturally fell under the spell of the choro, the samba and the bossa nova. These sounds of Brazil are all part of her musical heritage, but from an early age she also began soaking up the sounds of American jazz. The two influences merge on "Cross Currents," her second album on the Blue Note label. In 1987, she launched an impressive solo career with "Illusions."

The Cornell Jazz Ensembles is a student organization that receives musical direction from LaBarbera. Besides directing the band, LaBarbera writes jazz charts, movie scores and TV spots. For more information call the jazz ensembles at 277-7761.

Medical College news: Lasdon Biomedical Center dedicated; AIDS conference held

Cornell's Medical College in New York City officially opened the William and Mildred Lasdon Biomedical Research Center in a brief ceremony on March 14.

The recently completed 11-story research facility houses laboratories designed to accommodate contemporary biomedical research. It also houses the C.V. Starr Biomedical Information Center, which integrates computer technology into education and research programs of the college.

William Lasdon, who died in 1984, had a lifetime interest in medical research. He

pioneered the introduction and marketing of antihistamines. In 1956, he merged the company he founded with Warner-Lambert Company, where he was director and served as vice chairman and chairman of the executive research committees. Lasdon was president of the Lasdon Foundation, Inc., which he and members of his family established in 1946.

In 1974, a bequest from the Lasdon family contributed to the construction of the Jacob S. Lasdon House, an apartment building for medical and graduate students.

Other gifts from the Lasdon family have contributed to research and to several of the hospital's patient care units.

In other news from New York City, Cornell Medical College offered recommendations for action on AIDS at its fifth annual Conference on Health Policy. The conference on "The AIDS Patient and the Health Professional" was held at the Medical College in New York City on Feb. 23 and 24.

The recommendations called for making AIDS an item on the national agenda and building a strong political constituency from

among the medical profession, patients, corporations and medical colleges.

Among other recommendations were the following:

- Hospitals should share resources.

- Legislation should be passed to assure that hostile or discriminatory behavior is unacceptable and to penalize breaches in confidentiality.

- Professional sanctions and legislation should affirm that health professionals have a professional obligation to treat AIDS patients.

CALENDAR

continued from page 5

Microbiology

"Molecular Characterization of the Leukotoxin of *Pasteurella Hemolytica* and its Relationship to Bacterial Hemolysis," Yung Fu Chang, biochemistry and biophysics, Texas A & M, College Station, April 3, 12:15 p.m., G-3 Vet Research Tower.

Title to be announced, David H. Figursky, microbiology, Columbia University, April 6, 4:30 p.m., 124 Stocking Hall.

Natural Resources

"Protecting the Vertebrate Population Under the Endangered Species Act," James Tate, Jr., Branch of Listing and Recovery, Division of Endangered Species & Habitat Conservation, USFWS, April 3, 12:20 p.m., 304 Fernow.

Neurobiology & Behavior

"Focusing and Ocular Development in Chicks and Humans," Howard Howland, March 30, 12:30 p.m., Morison Seminar Room, Corson/Mudd Hall.

"Hormonal Control of Behavior: Amines and the Biasing of Behavioral Output in Lobsters," Ed Kravitz, neurobiology, Harvard Medical School, April 6, 12:30 p.m., Morison Seminar Room, Corson/Mudd Hall.

Nutrition

"Obesity in Mice and Humans," Rudy Leibel, human behavior and metabolism, Rockefeller University, April 3, 4:30 p.m., 100 Savage Hall.

Operations Research & Industrial Engineering

"Compliance as an Explanatory Variable in Clinical Trials," Brad Efron, Stanford University, March 30, 4:30 p.m., B11 Kimball Hall.

"Environmental Issues and Their Impact on Manufacturing," Fred C. Hart, April 6, 4:30 p.m., B-14 Hollister.

Ornithology

"Endangered Species: the Cost of Recovery," James Tate, Jr., Division of Endangered Species and Habitat Conservation, U.S. Fish & Wildlife Service, April 3, 7:45 p.m., Laboratory of Ornithology, 159 Sapsucker Woods Rd.

Physiology

"Developmental Expression of Calbindin-D: Immunohistochemical Studies," Alan Taylor, anatomy, Baylor College of Dentistry, April 4, 4:30 p.m., G3-Vet Research Tower.

Physics

"The Physics of Neurobiological Computations," John Hopfield, Caltech, April 3, 4:30 p.m., Schwartz Auditorium, Rockefeller Hall. This is part of the Bethe Lecture Series.

Plant Biology

"Synthesis, Transport and Localization of the Self-Incompatibility Proteins of *Brassica*," Mikhail Nasrallah, plant biology, March 31, 11:15 a.m., 404 Plant Science Bldg.

Plant Pathology

"The Use of Immunoelectron Microscopy Techniques in Serological Investigations of Carlaviruses," Marek Szyndel, plant pathology, April 4, 4:30 p.m., 404 Plant Science Bldg.

"Getting at Variation in *Sclerotinia*: Vegetable Incompatibility, RFLPs, and Sclerotial Storage Proteins," Linda Kohn, botany, University of Toronto, April 5, 3 p.m., A-133 Barton Lab, Geneva.

Program on Science, Technology & Society

"Scams and Scoundrels in Scientific Research," Patricia Woolf, sociology, Princeton University, April 3, 12:15 p.m., 609 Clark Hall.

Psychology

"When Recognition Fails: An Evolutionary Perspective on Parent-Offspring Recognition," Michael D. Beecher, Animal Behavior Program, University of Washington, March 31, 3:30 p.m., 202 Unis Hall.

Sociology

"The Role of International Food Regimes in Reorganizations of the Modern State System," Philip McMichael, rural sociology, March 31, 3:30 p.m., 302 Unis Hall.



David Reynolds

"Woman Running, Centaur and Goddess" (1985), a collage by Nancy Spero, who will be here to take part in the April 7-8 symposium, "Visual Feminist Discourse — Feminist Literary Theory: Is There a Possible Parallel Reading in the Visual Arts?"

South Asia Program

"Decentralization and the Restructuring of Bangladesh Political Economy," Florence McCarthy, Field and International Study Program, April 5, 12:15 p.m., 153 Unis Hall.

Southeast Asia Program

"The Relevance of Phya Anuman to Contemporary Thai Studies," Sulak Sivaraksa, Thai writer and director, Santi Pracha Dhamma Institute, March 30, 12:20 p.m., 102 West Avenue Ext.

"Singapore: The Making and Unmaking of Freedom and Nationhood," C.V. Devan Nair, SEAP visiting fellow, former President of the Republic of Singapore, April 6, 12:20 p.m., 102 West Avenue Ext.

Textiles & Apparel

"Interfaces in Composites," Shi-Hau Own, Carborundum Co., Niagara Falls, April 4, 12:20 p.m., 322 Martha Van Rensselaer Hall.

Theoretical & Applied Mechanics

"The 3-Dimensional Crack Front Field in a Thin Ductile Plate," Toshio Nakamura, SUNY Stonybrook, April 5, 4:30 p.m., 205 Thurston.

Vegetable Crops

"Applications of Tissue Culture to Agriculture," Elizabeth D. Earle, plant breeding and biometry, March 30, 4:30 p.m., 404 Plant Science Bldg.

"The Response of Tomatoes to Plastic Mulch: Effects on Mineral Nutrient Content and Plant Development," Peter L. Minotti and H. Chris Wien, vegetable crops, April 6, 4:30 p.m., 404 Plant Science Bldg.

Western Societies Program

"Representations of the Holocaust in Austrian Media," Ruth Beckermann, co-sponsored by Women's Studies Program, March 30, 1:30 p.m., Bethe Auditorium, Clark Hall.

SPORTS

Thursday, 3/30

Baseball, Cortland (2), at home, 1 p.m.

Friday, 3/31

Men's Tennis, at Columbia, 2 p.m.
Women's Tennis, Columbia, at home, 2 p.m.

Saturday, 4/1

Men's Hvy. Crew, at Augusta Regatta
Men's Track, at Army Invitational
Women's Track, at Army Invitational
Women's Lacrosse, at Brown, 11 a.m.
Men's Tennis, at Pennsylvania, 11 a.m.
Men's Baseball, Hobart (2), at home, noon
Women's Tennis, Pennsylvania, at home, noon
Men's Lacrosse, at Yale, 1 p.m.
Men's Jr. Varsity Lacrosse, Herkimer CC, at home, 1 p.m.
Women's Polo, Springs Polo Club, 8:15 p.m.

Sunday, 4/2-Saturday 4/8

Women's Polo, National Championships at Ft. Worth, Tex.

Sunday, 4/2

Men's Jr. Varsity Lacrosse, Corning CC, at home, 2 p.m.

Tuesday, 4/4

Men's Baseball, Rochester (2), at home, 1 p.m.
Men's Track, Oxford-Cambridge, at home, 1 p.m.
Women's Track, Oxford-Cambridge, at home, 1 p.m.
Men's Tennis, Albany, at home, 4 p.m.

Wednesday, 4/5

Women's Jr. Varsity Lacrosse, at William Smith
Women's Lacrosse, at William Smith, 3:30 p.m.

SYMPOSIA

Cornell Cinema

"Memory, Film, and the Holocaust," a four-day symposium featuring filmmakers Ruth Beckermann from Vienna, and Dan Eisenberg, through April 1. (See Lectures and Films listings for specific times and places.) Sponsored by Cornell Cinema, Ithaca College Women Direct and Cinemapolis and co-sponsored by Jewish Studies Program, German Studies, Western Societies Program, the Rose Golden Memorial Fund and CCPA. A panel discussion, "Memories of the Holocaust: Representations," will conclude the symposium on April 1, 2:30, in Bethe Auditorium, Clark Hall.

Council of the Creative & Performing Arts

"Visual Feminist Discourse — Feminist Literary Theory: Is There a Possible Parallel Reading in the Visual Arts?" part of the Festival of Women & the Arts organized by the Council of the Creative and Performing Arts, April 7 and 8.

On April 7 at 4 p.m. in 115 Tjaden Hall, there will be keynote addresses by Jane Marcus, literary critic and professor of English at City University of New York Graduate Center and the City College of New York and Eunice Lipton, writer and art historian, who will talk on "Imagining a Woman's Life: The Case of Victorine Meurent."

That evening, at 7 p.m. in the H.F. Johnson Museum, Judith Bernstock, art historian and curator of the retrospective of Joan Mitchell's paintings, will give a gallery talk about the show.

On April 8 in Tjaden Hall, the following talks are scheduled:

"The Vision of the 'Amicable Medusa': Berthe Morisot and the Poetics of her Art," Suzanne Lindsay, art historian from the University of Pennsylvania; "Protagonists, Victims and Sexual Difference," Nancy Spero, painter and collage artist; "The Female Dimension in Painting and Sculpture: Speculations Concerning Gender Identification and Choice of Media," Francis V. O'Connor, poet and art historian; "Speech and Silence — The Discourse of Art," Giesela Breiting, artist.

A panel discussion with the participants, joined by Marcia Tucker, director, The New Museum of Contemporary Art in New York City; Rita Felski, fellow in the Society for the Humanities; and Molly Hite, assistant professor of English and currently faculty fellow in the Society for the Humanities, will be moderated by Jean Locey, associate professor of art.

THEATER

Theatre Arts

"Vanities," a comedy by Jack Heifner, opens on April 5, 8 p.m., in the Center for Performing Arts' Black Box Theatre. Additional performances are April 6 and 7, 8 p.m., April 8 at 5 p.m. and 9 p.m., and April 9 at 2 p.m. The play is about the relationship of three women growing up and growing apart — from the fall of 1963 through spring 1974. Tickets are \$3.50 for students and senior citizen and \$4.50 for the general public for weeknight and matinee performances. Tickets for Friday and Saturday evening performances are \$4.50 for students and senior citizens and \$5.50 for the general public. Tickets can be purchased at the center's box office or by phone at 254-ARTS.

MISC.

Minority Business Students Forum

The Black and Hispanic Graduate Business Students Association will hold its second annual forum on April 6 at 4 p.m. in Bache Auditorium, Malott Hall on "First Job Issues: Getting off to the Right Start." Panelists will be Vivian Nero of AT&T, Sol Trujillo of U.S. West (a Bell company) and Mario Marrozzos of Hewlett-Packard Co.

Unions & Activities

"Right to the Moon Alice" a vintage clothing sale, April 4 and 5, 10 a.m. to 6 p.m., Memorial Room, Willard Straight Hall.

Hillel

Topics in Jewish Tradition, taught by Rabbi Larry Edwards, "Redemption Song: Pesach," April 3, 8:15 p.m., 314 Anabel Taylor Hall.

Chug Ivri, Hebrew conversation, Thursdays, 11:45 a.m. to 12:45 p.m., 374 Rockefeller Hall.

Beginning Yiddish class, Thursdays, 7:15 p.m., G-34 Anabel Taylor Hall.

Intramural Wrestling (men)

Deadline on entries is April 10, at 5:30 p.m., in Teagle Hall locker room. Weigh-in constitutes entry and must be done by the individual between 2:30 and 5:30 p.m., April 10. An entry fee of \$2 per person, due at weigh-in; no more than one person at each weight per team.

Cornell Toastmasters

Cornell Toastmasters Public Speaking Club meets Thursdays at 7 p.m. Call 277-4452 for more information.

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., 178 Rockefeller Hall; Sunday-Thursday, 10 p.m.-midnight, 340 Goldwin Smith; Sunday-Thursday, 8-11 p.m., Noyes Center, Browning Library; and Sunday-Thursday, 8-11 p.m., Clara Dickson Hall, Computer Room.

Alcoholics Anonymous

Meetings, open to the public, will be held Monday through Friday, 12:15 p.m. and Thursday evenings, 9:30 p.m., in Anabel Taylor Hall. For more information, call: 273-1541.

E.A.R.S.

Empathy Assistance Referral Service provides trained peer counseling. Call 255-EARS Sunday-Thursday, 3-11 p.m., or walk-in 211 Willard Straight Hall, Friday and Saturday, 6-10 p.m. All services are free, non-judgmental and confidential.

Gay Men's Association

The Gay Men's Association holds a discussion meeting each Wednesday from 7:15 to approx. 9:30 p.m. in Loft II, Willard Straight Hall. Discussion topics include: coming out to parents and people on the job, friendships with heterosexual men, gay parenting, long-term relationships, safe sex, and being gay and religious. For further information, call the Gay, Lesbian and Bisexual Coalition office at 255-6482.

CORNELL EMPLOYMENT NEWS

March 30, 1989

Including Job Opportunities

Volume 1, Number 12

Cornell at Work



Cornell and the Local Economy

As of March 1989, the Ithaca-based Cornell work force totaled 9,338 regular employees. Cornell contributes a stabilizing factor to the low Tompkins County unemployment rate of 2.4%. This 2.4% figure is the 1988 average annual unemployment rate and is the lowest of the 62 counties in New York

State. Other surrounding counties' 1988 average annual unemployment rates were: Chemung: 3.9%; Tioga: 3.9%; Cortland: 4.7%; Seneca: 5.0%; Cayuga: 5.6%; and Yates: 5.8%.

Data: Frank M. Suerdey, senior economist, NYS Dept. of Labor, Div. Research /Statistics.

Staffing Services' Dual Career Program Aids Relocation of Couples



J. Courtney Fletcher
NYS Dept of Labor

The Dual Career Assistance Program was designed last March by Staffing Services to help the spouses of newly appointed Cornell administrative and academic personnel find work when relocating to the area. The program was recently expanded to aid

incoming student spouses in their Ithaca-area job search.

The program is coordinated by J. Courtney Fletcher, employment interviewer with the New York State Department of Labor who has assisted Cornell for the past 11 years with outside recruiting. Because of the labor department's access to job openings within the community and its environs, the search for

Continued on page 4

Disability Notebook

by Joan Fisher,
Coord. of Disability Servs.

Many times persons with disabilities find that their biggest handicap is the attitudes of those with whom they interact. Because many are uncomfortable around persons with disabilities, they tend to impose limitations on them; they may see only the "disability" rather than a whole person.

Not Sure of "Disability Etiquette"

Often people fear they will say the "wrong thing." This discomfort in not being sure of



Interacting with People with Disabilities: Ways to Improve Communication

"disability etiquette" is very real. However, many of our resulting actions can be disconcerting to a person with a disability whose main desire is to be accepted as a person who shares the same dreams, worries, and frustrations as everyone else. Let's take a brief look at some of the ways in which communication can be improved.

Hearing Impairments

Speak to those with hearing impairments in a

normal conversational tone. Don't shout at a person who uses a hearing aid (this can actually be painful to the ears). If the person reads lips, face the person and speak in a normal conversational tone. Don't turn away, cover your mouth with your hand or move out of the light. Offer the person opportunities to give feedback on what's been said so you're sure the communication has been understood.

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JOB OPPORTUNITIES

March 30, 1989

Volume 1, Number 12

Staffing Services, 160 Day Hall, Cornell University, Ithaca NY 14853-2801
Day Hall: (607) 255-5226 East Hill Plaza: (607) 255-7422

- Employees may apply for any posted position with an Employee Transfer Application. A resume and cover letter, specifying the job title, department and job number, is recommended. Career counseling interviews are available by appointment.

- Requests for referral and/or cover letters are not accepted from external candidates unless specified in the ad. Candidates should submit a completed and signed employment application which will remain active 4 months. Interviews are conducted by appointment only.

- Staffing Services will acknowledge receipt of all material by mail. Hiring supervisors will contact those individuals selected for interview by phone; please include two or more numbers if possible. When the position is filled, candidates should receive notification from the hiring supervisor.

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

- Job Opportunities can be found on CUINFO

Professional

Nonacademic professional positions encompass a wide variety of fields including management, research support, computing, development, finance and accounting, dining services and health care.

Submit a resume and cover letter for each position, specifying the job title, department and job number.

Director (PA6001) University Press-Endowed

Develop, in conjunction with a faculty Board of Editors, editorial policy for the Press, which has a staff of 65, publishes approximately 125 titles yearly, and has annual sales of 4.5 million. Oversee financial affairs of the Press's operations. Establish managerial policies for the professional and nonprofessional staff.

Requirements: Bachelor's or equivalent. Demonstrated successful experience in the editorial, managerial, and financial aspects of university publishing, or equivalent experience. Applications or nominations for the position should be received before May 12 and should be addressed to Larry I. Palmer, Vice President for Academic Affairs, c/o Staffing Services, 160 Day Hall.

Associate Director, Cornell Fund (PA5803) HRIII University Development-Endowed

Work with the Director of the Cornell Fund in the planning and implementation of the University's annual campaign for alumni support. Responsible for the ongoing aspects of the administration of the Cornell Fund. Direct and manage a staff of professionals and support staff. Supervise and coordinate support necessary to implement major volunteer fund raising programs including but not limited to: A. Tower Club or other special donor programs B. reunion campaigns C. direct mail marketing. Develop "strategies" for annual fund raising programs and direct specific solicitation plans. Administer various operational aspects of the Cornell Fund.

Requirements: Bachelor's. 3-5 years successful fund raising experience in alumni campaigning. Solid management and organizational skills. Ability to motivate people and work creatively with volunteers. Send cover letter and resume to Cynthia Smithbower by April 21.

Systems Programmer/Analyst II (PT6004) Level 33 Cornell Information Technologies/Systems-Endowed

Design, implement, install, document and maintain systems software or significant subsystems in IBM VM systems, primarily VM/XA.

Requirements: Bachelor's or equivalent with related computer courses. 2-3 years experience with VM operating systems and significant subsystems. Knowledge of hardware concepts as they relate to software issues. Knowledge of IBM/370 assembler language is essential. Please send cover letter and resume to Bill Webster by April 7.

Applications Programmer/Analyst II (PT6009) Level 33 Agricultural Economics-Statutory

Assist users in utilizing a variety of micro, mini and mainframe computer systems for applications in research, teaching and extension activities. Responsible for the analysis, design implementation and maintenance of new applications programs and maintenance of existing systems.

Requirements: Bachelor's with computer related courses and/or Associate's with equivalent training and experience. 2-3 years working experience in a professional data processing environment; managerial experience desirable. Must possess fluency in at least two high level programming languages and have experience with CMS/MVS as well as microcomputers and related software (i.e. major word processing, statistical, programming and data base management software). Experience with networking desirable. Please send cover ltr. & resume to Bill Webster by April 7.

Applications Programmer/Analyst (PT5719) HRI Agricultural and Biological Engineering-Statutory

Research Support Specialist to assist with research and extension projects of the Cornell Local Roads Program. Administer microcomputer systems, develop applications programs, write data acquisition programs and train staff. Manage and prepare reports form databases; analyze data using spread sheets and statistical packages.

Requirements: Bachelor's degree in computer science or related field required. 3-4 years of programming experience in FORTRAN, dBASE III, C, or PASCAL. Substantial experience with IBM desktop computers and experience in database management preferred. Please send cover letter and resume to Bill Webster by April 14.

Assistant Director, Systems (PT5117) HRI Undergraduate Admissions-Endowed

Administer mainframe system and batch production; support and develop PC network interfaced with the mainframe; train and consult.

Requirements: Bachelor's or equivalent. 2-3 years related computer systems experience. Strong written and oral communication skills required; some programming familiarity (SAS, micro, or mainframe) preferred. Experience in teaching and training beneficial. Send cover letter and resume to Bill Webster by April 14.

Research Support Specialist II (PT5904) HRI Poultry and Avian Sciences-Statutory

Coordinate the functions of a biochemical lab including the development and conduct of analytical work on specimens

generated from several large ongoing studies. Supervise computer use of research and bibliographic data archiving and retrieval. Occasional evenings and/or weekends. Until 4/30/90.

Requirements: Master's level training or Bachelor's in biological science. 3 years training/experience in analytical chemistry and data management. Send cover letter and resume to Bill Webster by April 7.

Applications Programmer II (PT5801) HRI Hotel Administration-Endowed

Utilizing a microcomputer and university mainframe (SAS/SPSSx), provide programming and consulting support for research and instructional computing.

Requirements: Bachelor's or equivalent, coursework in computing or related fields. 2-3 years experience. Substantial knowledge and experience of SAS or SPSSx. Knowledge of hospitality software desirable. Familiarity with microcomputer hardware and software. Light typing. Send cover letter and resume to Bill Webster by April 7.

Staff Writer II (PC5705) HRI

University Development-Endowed

Persuasive, skillful, creative writer to join Development Communications staff. Responsible for articles, letters, proposals, brochures designed to increase support for Cornell. Primarily original writing; some ghost-writing and editing.

Requirements: Bachelor's. Minimum 3 years related experience in fund raising, marketing, p.r. or higher education helpful. Send cover letter, resume and 3 writing samples to Gil Ott, 726 University Avenue.

Research Support Specialist II (PT5719) HRI

Agricultural and Biological Engineering-Statutory
 Assist with the research and extension projects of the Cornell Local Roads Program. Administer microcomputer systems, database management, develop applications programs, conduct training courses on computers, assist internal staff, write data acquisition programs, prepare reports from databases; analyze data using spread sheets and statistical packages. Until 12/31 with probable extension.

Requirements: Bachelor's in computer science or related field with substantial coursework and experience in computing. Valid NYS driver's license required. Minimum 3-4 years of responsible programming experience in FORTRAN, dBASE III, C and PASCAL languages. 2 years database management experience. Good typing skills. Good interpersonal and communication skills necessary. Please send cover letter and resume to Bill Webster by April 7.

Coordinator CUSLAR

The Committee on United States-Latin American Relations, a local educational and solidarity group is seeking a coordinator.

Requirements: Must have knowledge of Latin America and a clear understanding of U.S. policy. Must possess writing and speaking skills in Spanish and English. Fundraising and administrative skills essential. For application call (607) 255-7293.

Technical

As a prominent research institution, Cornell University has a diverse need for laboratory, electro/mechanical and computer support. Individuals with backgrounds in computer science, biology, microbiology, chemistry, animal husbandry, plant science and medical laboratory techniques are encouraged to apply.

Submit a resume and cover letter for each position, specifying the job title, department and job number. Skills assessment check lists, available at the Day Hall office, are a valuable aid when applying for computer or laboratory related positions.

Technician, GR18 (T6105)

Entomology-Statutory

Minimum Biweekly Salary: \$487.50

Provide research support in studies of insect resistance to *Bacillus thuringiensis* endotoxin. Assist in maintenance and genetic crosses of strains of *Drosophila*, *Heliothis*, *Plodia* and other insects. 1 year.

Requirements: Bachelor's or advanced undergraduate training in biology, entomology, or related discipline required. Minimum 1 year related experience with insect rearing, pesticide bioassays, microbial pesticides and experimental design and procedures desired. Valid NYS driver's license required. Send cover letter and resume to Bill Webster by April 14.

Technician, GR19 (T5310)

Psychology-Endowed

Minimum Biweekly Salary: \$510.90

Prepare electrophysiology experiments; perform small animal surgery, drafting, photography. Prepare statistics and other information for paper presentation. Maintain laboratory. Until 6/30/90. Schedule includes some nights and weekends.

Requirements: Bachelor's or equivalent in biopsychology, biology or related field. Minimum 2 years experience in one or more of the following: histology, electrophysiology, photography, figure drafting and statistical analysis.

Technician, GR20 (T6103)

Plant Breeding and Biometry-Statutory

Minimum Biweekly Salary: \$534.30

Assist in genetic mapping of RFLP markers in tomatoes. Extract DNA, run and blot gels, isolate and screen plasmic clones, radiolabel probes. Manage computer data file and analyze genetic data on computer. Assist in maintenance of lab; prepare solutions, order supplies, monitor safety. Some supervision of Graduate students.

Requirements: Bachelor's in biology, genetics, biochemistry or related field. Minimum 2-3 years related experience. Laboratory experience preferred. Send cover letter and resume to Bill Webster by April 14.

Computer Operator, GR20 (T6002)

Hotel Administration-Endowed

Minimum Biweekly Salary: \$534.30

Insure the integrity of the computer room hardware for both School and Hotel systems. Provide maintenance support for all computer room hardware; perform daily backups of system; perform daily and routine maintenance on all computer systems. Monday-Friday, 7:00-3:30.

Requirements: Associate's required. Minimum 2 years related experience. Experience with computer facility operations required. Familiarity with hardware maintenance activities required. Send cover letter and resume to Bill Webster by April 7.

Technician, GR21 (T4707)

Veterinary Medical Teaching Hospital-Statutory

Minimum Biweekly Salary: \$557.70

Perform diagnostic tests in hematology, cytology, coprology, urinalysis, chemistry and immunology. Operate and maintain equipment. Participate in "on-call" for off-hours and holidays. Use computer for specimen accession, data entry and information retrieval. Tuesday-Saturday.

Requirements: Associate's in Medical Technology required. Bachelor's ASCP certificate preferred. 3 years related laboratory experience. Send cover letter and resume to Bill Webster.

Technician, GR21 (T5612)

Nutritional Sciences-Statutory

Minimum Biweekly Salary: \$557.70

Perform procedures involving molecular biology; mRNA, DNA, DNA sequencing and use of computer to enter sequences. Protein purification. Use of chromatography columns and gel electrophoresis system. Perform experiments with cells in culture with isotopes.

Requirements: Bachelor's in biochemistry or genetics or molecular biology. Minimum 3 years related lab experience. Biochemical analysis, DNA techniques. Apply as soon as possible.

Technician, GR22 (T6106)

Biochemistry, Molecular and Cell Biology-Statutory

Minimum Biweekly Salary: \$581.09

Conduct independent research studying the splicing of an intron found in the rDNA of *Physarum*. Design and execute experiments with minimal guidance. Maintain laboratory, order supplies, perform record and bookkeeping, and survey radioisotopes.

Requirements: Bachelor's in chemistry, biochemistry, or related field required. 3-4 years experience, including 1-2 years working with molecular biological tools required. Experience working with RNA and a practical knowledge of modern acid biochemistry (recombinant DNA technology including in vitro mutagenesis, DNA sequencing, southern and northern hybridizations, etc.) required. Send cover letter and resume to Bill Webster by April 14.

Computer Operator, GR22 (T5805)

Computer Science-Endowed

Minimum Biweekly Salary: \$581.09

Provide computing and administrative support services to Director of Computing Facilities and four programmers, systems administrator, and 2 hardware technicians on the facilities staff. Provide front-line computing support services to approximately 150 users on 150 departmental workstations and servers.

Requirements: Associate's or equivalent. 3-4 years experience. Strong administration and organizational skills. Send cover letter and resume to Bill Webster by April 7.

Electronics Technician, GR22 (T6001)

Lab of Nuclear Studies-Endowed

Minimum Biweekly Salary: \$581.09

Perform various duties under general supervision; mechanical work with sheet metal, servicing, construction, and development of electronic equipment for accelerator operations.

Requirements: Associate's in electronics or similar training through in-service courses or similar programs. At least 3 years satisfactory performance at Electronics Technician GR20 level. Send cover letter and resume to Bill Webster by April 7.

Technician, GR22 (T6007)

Animal Science-Statutory

Minimum Biweekly Salary: \$581.09

Maintain a research lab engaged in cell biology research. Maintain cell cultures and medium. Analyze using electrophoresis, electrofocusing, chromatography, radioimmunoassays and ELISA. Perform recombinant DNA and other molecular biology techniques. Collect blood and tissue samples from small & lrg. animals. Some routine lab work.

Requirements: Bachelor's in biochemistry or biology. Minimum 3-4 years related experience. Experience in cell culture, molecular biology, biochemistry, radioimmunoassay, ELISA training in characterization of proteins preferred. Experience with electron microscopic techniques desirable. Familiarity with southern blots helpful. Send cover letter and resume to Bill Webster by April 7.

Journeyman Refrigeration Mechanic (T6014) Maintenance and Service Operations/ACR Shop-Endowed

Install, repair and trouble shoot refrigeration and air conditioning systems. Respond to emergency trouble calls. Maintain hand tools and other diagnostic equipment needed to perform job duties. Perform other duties and responsibilities as assigned. Monday-Friday, 7:30-4.

Requirements: Must have completed an apprentice program. Must maintain a valid NYS driver's license. A minimum of 5 years experience in the refrigeration field. Must be willing to join the union within 30 days. Apply to Bill Webster.

Technical Off-campus

Lab Research Technician, GR18 (T5803)

Entomology (Geneva)-Statutory

Minimum Biweekly Salary: \$487.50

Assist in isolation, purification, and characterization of biologically active phytochemicals, plant DNA/RNA, and insect digestive enzymes. Maintain greenhouse-grown plants and insect colony. Until June 1990.

Requirements: Bachelor's in biology, biochemistry, or related fields, with course work in physiology or biochemistry. Send cover letter and resume to Bill Webster.

Technician, GR20 (T5303)

Plant Pathology-Statutory; Riverhead, NY

Minimum Biweekly Salary: \$534.30

Assist in the diagnosis of vegetable diseases. Assist in planning and executing research in fungicide resistance, disease forecast systems, groundwater contamination by pesticides and integrated pest management. Record activities and enter data in Macintosh computer. Until 1/2/92.

Requirements: Bachelor's degree in biological science. 2-3 year's experience using analytical equipment. Knowledge of statistics, experimental design, personal computers, fungi and bacteria cultures. Pesticide applicator's certification required within 1 year of employment. Send cover letter and resume to Margaret T. McGrath, 39 Sound Avenue, Riverhead, NY 11901, or call at 516-727-3595.

Technician, GR23 (T6104)

Horticultural Sciences-Statutory; Hudson Valley Lab., Highland, NY

Minimum Biweekly Salary: \$604.49

Assist Professor of Pomology in research on physiology of fruit plants. Responsibilities include routine care of experimental plantings, application of experimental treatments, collection of response data, chemical analyses of plant tissue, and summarization of data. Until 9/30/90.

Requirements: Bachelor's in biological sciences required. Minimum 3-5 years related experience. Fruit farm or research experience desirable. Call C.G. Forshey at (914) 691-7231.

Technical Temporary

Casual Technician/Lab Assistant (T6101)

Clinical Sciences-Statutory

Provide technical completion of biochemical assays used as clinical diagnostic tests in veterinary patients. Catalogue samples and report test results (computer data entry); assist in projects which may include handling of dogs and cats. Flexible schedule, 12-15 hours per week.

Requirements: College level coursework in biochemistry and/or quantitative analysis preferred. Understanding of basic laboratory techniques including quantitative pipetting, centrifugation, reagent preparation and operation of a spectrophotometer desired. Pre-employment physical required. Call Bill Webster at 607-255-5226.

Technician (T6102)

Ornithology-Endowed

Minimum hourly rate: \$7.00

Using Ampex/Studer recorders, make copies of bird song recordings for inclusion in the Library of Natural Sounds collection. Full-time, 6 month position.

Requirements: Experience with analog audio studio tape recorder operation desired. Experience with bird sounds and sensitive hearing preferred. Call Bill Webster at 607-255-5226.

Service Technician (T6006)

Plant Pathology-Statutory

Assist in maintaining insect and fungal cultures for Biological control experiments in both laboratory and field. Perform basic lab duties and media preparation; maintain clean lab; perform computer data entry. Full-time until October 1.

Requirements: High School diploma or equivalent plus coursework in biology preferred. Familiarity with sterile techniques and maintaining and handling insects. Ability to work with minimal supervision. Apply to Bill Webster.

Applications Programmer I (T5705)

Finance and Business Office-Statutory

Coordinate the maintenance and upgrading of personal computers, hardware and software. Maintain, develop and install, document and modify administrative systems software. Develop and maintain documentation. Assist with computer operations within the unit.

Requirements: Bachelor's or equivalent. Experience with machine architecture, programming languages, production procedures and system utility programs with personal

computers or mainframes desirable. Some lifting and moving of P.C.'s. Contact Bill Webster at 607-255-5226.

Fisheries Assistant (T5903)

Natural Resources-Statutory

Assist in sampling fish populations in Canadarago Lake (near Richfield Springs) and Oneida Lake (near Bridgeport). Net with trap nets, trawls, seines and gill nets and assist in electrofishing. Maintain fish sampling gear, process samples and summarize fishery data. Work in open boats under prevailing weather conditions from April through November. Electrofishing conducted at night. Occasional travel may be required.

Requirements: 2 years undergraduate fisheries education or 2 years experience sampling fish populations. Must be able to set nets and operate seines from boats and in water. Must be able to swim, operate motor boats and lift 100 pounds with assistance. Familiarity with personal computers desired. Contact Bill Webster at 607-255-5226.

Office Professionals

Approximately half of all University openings are for Office Professionals. Individuals with secretarial, word processing (IBM PC, MacIntosh, Wang, Micom), data entry, technical typing, or medium to heavy typing (45-60+ wpm) are encouraged to apply.

Submit a signed employment application and resume. Requests for referral and/or cover letters are not accepted from external candidates unless specified in the ad. Qualified applicants will be invited for a preliminary interview at our East Hill Plaza office.

Office Assistant, GR17 (C6110)

Office of Human Resources-Endowed

Minimum Biweekly Salary: \$467.98

Perform receptionist/telephone operator duties as well as data entry of all job applications, employee transfer requests, and employee requisitions for Staffing Services.

Requirements: High School diploma or equivalent. Minimum 1 year office experience preferred. Excellent communication and interpersonal skills. Good organizational skills. Familiarity with use of electronic multi-line telephone board helpful. Data entry experience preferred. Light typing.

Senior Circulation/Reserve Assistant, GR18 (C6107)

Physical Sciences Library-Endowed

Minimum Biweekly Salary: \$487.50

Maintain circulation desk including hiring, training and scheduling student assistants, maintaining copy service; overseeing library on weekends/sending overdue bills and recalls. Other duties as assigned.

Requirements: High School diploma required. Associate's or equivalent preferred. Strong communication (written and verbal), organizational and interpersonal skills. Library experience highly desirable. Light typing.

Secretary, GR18 (C6105)

Public Safety-Endowed

Minimum Biweekly Salary: \$487.50

Type; keep records; act as receptionist; answer telephones; schedule appointments; copy documents; search files; retrieve documents; maintain files; operate IBM computer and printer.

Requirements: High School diploma, secretarial course work desirable. Minimum 1 year related office experience. Ability to maintain confidentiality. Good communication skills. Ability to work in a fast paced environment. Familiarity with Displaywrite 36 desirable. Ability to work with a diverse public and often under stressful situations. Medium typing.

Secretary, GR18 (C6104)

Theory Center-Endowed

Minimum Biweekly Salary: \$487.50

Provide secretarial support to the Supercomputing Technologies (ST) group of the CNSF. Act as receptionist for the Cornell National Supercomputer Facility (CNSF).

Requirements: High School diploma or equivalent, secretarial school preferred. Minimum 1-2 years related office experience. Word processing experience required. Familiarity with computers helpful. Strong interpersonal and communication skills. Medium typing.

Conference Assistant, GR18 (C6103)

Theory Center-Endowed

Minimum Biweekly Salary: \$487.50

Under general supervision of the Conference Coordinator, assist in the organization of Theory Center conference and workshops.

Requirements: High School diploma or equivalent. Minimum 1-2 years office experience, with conference/workshop planning desirable. Knowledge of office equipment and MacIntosh software preferred. Strong interpersonal, organizational, and communication skills. Ability to work independently and coordinate many details. Med typing.

Administrative Aide, GR19 (C6109)

School of Hotel Administration-Endowed

Minimum Biweekly Salary: \$510.90

Working independently, under the general supervision of the Director of Career Planning and Placement, provide administrative and secretarial support to the Director of Career Planning and Placement Office. Responsible for overall production of the biweekly Hospitality Career Mart; assist students in securing summer jobs; assist in recruiting process; serve as circulation manager for the new "Cornell Hospitality News" publication.

Requirements: High School diploma or equivalent. Associate's degree preferred or equivalent with experience. Minimum of 2-3 years office experience and an understanding of the hospitality industry very helpful. Strong organizational and interpersonal skill, communication (oral and written) skills. Word processing skills. Frequent interruptions. Heavy typing.

Administrative Aide, GR19 (C6106)

University Development-Endowed

Minimum Biweekly Salary: \$510.90

Provide administrative assistance to Director of Special Gifts. Type correspondence; make travel arrangements and appointments; answer phones; file; perform research. **Requirements:** High School diploma. Associate's or equivalent. Minimum 2 year related experience. Excellent secretarial, organizational and interpersonal skills. Experience with computers. Able to be flexible, set priorities, work independently in a complex, active environment. Medium typing.

Administrative Aide, GR19 (C6009)

Theory Center-Endowed

Minimum Biweekly Salary: \$510.90

Under general supervision, provide secretarial and administrative support to the Associate Director for Scientific Computational Support (SCS) and staff; coordinate administrative aspects of the Visitors Program.

Requirements: High School diploma required. Associate's preferred. Minimum 2 years related office experience. Strong organizational, interpersonal & communication skills required. Word processing experience required. Experience monitoring budgets helpful. Medium typing.

Stockkeeper, GR19 (C6004)

Lab of Nuclear Studies-Endowed

Minimum Biweekly Salary: \$510.90

Plan operations of the stockroom. Direct contact with vendors regarding pricing, delivery times, etc. Responsible for all operations of a stockroom - ordering, issuing supplies and equipment, receiving and verifying shipments, periodic inventory. Will oversee preventive maintenance on tools and equipment.

Requirements: High School diploma or equivalent. Valid NYS driver's license necessary. 2 years minimum experience in stockroom operations preferred. Experience with computers and light typing helpful.

Administrative Aide, GR19 (C6010)

Law School-Endowed

Minimum Biweekly Salary: \$510.90

Perform secretarial and administrative support to the daily operation of the Placement Office including bookkeeping functions. Significant public contact with students, staff and administrators of law firms throughout the country.

Requirements: High School diploma or equivalent. Some college desired. Cornell accounting background helpful. Minimum 2 years related experience. Excellent interpersonal skills in relation with students and legal employers. Must be able to work with interruptions and meet deadlines. Medium typing.

Administrative Aide, GR20 (C6112)

Psychology-Endowed

Minimum Biweekly Salary: \$534.30

Provide secretarial/administrative support for Cognitive Studies Program (half-time) and secretarial support for Psychology Department (half-time); coordinate speakers series and workshops; manage program accounts for both departments; maintain central files and serve as graduate field secretary for Cognitive Studies. Funding for full-time through June 30, 1990. If funding is not renewed, position reverts to 25 hours per week.

Requirements: Associates degree or equivalent combination of education and experience. Minimum 2-3 years office experience. Word processing and computer experience preferred. Excellent organizational, communications and interpersonal skills. Ability to prioritize assignments and work under pressure. Knowledge of Cornell desirable. Medium typing.

Administrative Aide, GR20 (C6102)

Theory Center-Endowed

Minimum Biweekly Salary: \$534.30

Under general supervision, provide administrative and secretarial support to the Deputy Director for Supercomputing Technologies (ST) and his staff. Requires a high degree of confidentiality, and a general understanding of the various technical aspects of the supercomputer facility.

Requirements: High School diploma or equivalent. Associate's or equivalent preferred. Minimum 2 years related administrative secretarial experience. Experience with word processing and computers. Strong interpersonal, organizational, and communication skills. Demonstrated ability to take initiative and handle many ongoing activities. Requires independent judgment and decision making. Medium typing.

Administrative Aide, GR20 (C2708)

Hotel Administration-Endowed

Minimum Biweekly Salary: \$534.30

Provide administrative/clerical data support for Alumni Affairs director. Maintain all office functions, internal and external communications during director's absence.

Requirements: Associate's or equivalent. Familiar with data/word processing system. Work well under pressure; possess excellent editing/composition/bookkeeping skills. Excellent organizational, interpersonal, and communication (written/oral) skills. Heavy typing.

Office Assistant, GR20 (C6007)

Office of Sponsored Programs-Endowed

Minimum Biweekly Salary: \$534.30

Perform a broad range of secretarial and office administrative services in direct support of 1 or more Grant and Contract Officer(s). Responsible for processing various aspects of sponsored program proposals, including document revision, drafting straight-forward to moderately complex correspondence; provide clerical support.

Requirements: Associate's or equivalent. Minimum 2-3 years related experience. Proficient in WordPerfect. Strong interpersonal, communication and organizational skills. Knowledge of university procedures. Attention to detail and ability to work under pressure. Medium typing.

Secretary, GR20 (C6006)

Law-Endowed

Minimum Biweekly Salary: \$534.30

Provide secretarial support to the Associate Dean/Dean of Students, Director of Administration and Finance and Building Coordinator. Responsible for inventory control. Serves as Telecommunications Coordinator for Law School.

Requirements: High School diploma or equivalent required. Associate's desirable. Minimum 2-3 years related office experience. Wordprocessing experience as well as experience with spreadsheet software. Strong communication (oral/written) skills. Able to work well under pressure and maintain a high level of confidentiality. Knowledge of Wordperfect and Lotus 1-2-3 helpful. Medium typing.

Administrative Aide, GR22 (C6005)

Veterinary Administration-Statutory

Minimum Biweekly Salary: \$581.09

Coordinate administrative functions of the office of the Director of Facilities and Services. The main duties will consist of office and financial management; also included will be some clerical support and numerous special projects.

Requirements: Associate's or equivalent preferred. Minimum 2-4 years organizing and managing an office operation in a facilities oriented environment. Familiarity with building systems terminology, construction operations, and Cornell M&SO operations and procedures. Excellent communications (oral and written) skills are required. Light typing.

Administrative Aide, GR22 (C6008)

Johnson Graduate School of Management-Endowed

Minimum Biweekly Salary: \$581.09

Plan and implement administrative functions for programs

and conferences such as International Reunion programs in Europe and the Far East, major alumni and corporate lunches and dinners around the country; design and coordinate extensive direct mail program (3,000+ pieces); prepare budgets, monitor and process the financial aspects related to programs; provide very broad-based administrative support under minimal supervision for the Assistant Dean, Directors, key alumni, and University Development staff.

Requirements: Associate's required. Bachelor's desired. Excellent communications, interpersonal, organizational skills. Minimum 3-4 years administrative/secretarial experience. Familiarity with fund raising and computers helpful. Medium typing.

Office Professionals Part-Time

Office Assistant, GR18 (C4525)

Nuclear Studies-Endowed

Minimum Biweekly Salary: \$487.50

Assist in maintaining accounting records, provide secretarial assistance to staff and faculty, provide general office assistance. Monday-Friday, 9 a.m.-2 p.m.

Requirements: High School diploma or equivalent. Minimum 1 year secretarial/accounting experience including word processing. Technical typing experience preferred. Medium typing.

Office Professionals Temporary

In addition to posted positions, temporary opportunities occur in many occupational areas, including secretarial, word processing, accounting, and office administration. All individuals are encouraged to apply; experienced applicants with a typing speed of 45-60 wpm, knowledge of IBM-PC Word Perfect software and MacIntosh word processing are in particular demand. Call Karen Raponi at (607) 255-2192 or 255-7422 for more information.

Office Assistant (S6104)

Summer Session-Endowed

Provide clerical, logistical, and research support to the director, program coordinator, and administrative aide. Filing, scheduling appointments, screen phone call, run errands. Other duties as assigned. Until 8/89.

Requirements: High School diploma or equivalent. Business school desirable. Minimum one year office experience. Word processing experience (IBM PC, WordPerfect, and MacIntosh). Excellent organizational skills. Send cover letter and resume to Karen Raponi.

Sales Assistant (S6001)

Laboratory of Ornithology

General sales duties at Crow's Nest Bookshop during weekends and holidays. Open, close, and oversee Laboratory, register sales, answer phones, feed birds, answer basic bird questions, secure Lab when closing. Occasional Monday nights (3 hours) during seminars. Alternating weekends and holidays. Must be able to commit weekends on a regular basis. Saturday, Sunday, 11:30-5:30 p.m.

Requirements: High School diploma or equivalent. Previous sales experience required. Knowledge of birds helpful. Good interpersonal skills. Enjoy dealing with people. Light typing. Send cover letter and resume to Karen Raponi.

Slide Library Assistant (S6003)

The History of Art-Endowed

Assist in History of Art Slide library; typing labels, mount, clean, and repair slides. Some cataloguing. Casual part-time position through June, 15 hours a week.

Requirements: Bachelor's preferred. Art History background and experience in a visual arts library desirable. Light typing.

Office Assistant (S5801)

Summer Session

Serve as receptionist; process mail; general typing; word processing on IBM PC. Assist registrar in registration process. Until 9/89.

Requirements: High School diploma required. Office experience preferred. Some familiarity with Cornell desirable. Ability to work with diverse public. Excellent interpersonal communication skills required. Experience with Wordperfect on IBM PC desirable. Able to set priorities and work independently under pressure. Medium typing. Send cover letter and resume to Karen Raponi.

Office Assistant (S5701)

Summer Session

Provide data entry of all summer student registration information, and perform general clerical duties.

Requirements: High School Diploma or equivalent. Medium typing. Ability to use IBM PC with Wordperfect experience desirable. Until August 1989. Send cover letter and resume to Karen Raponi.

General Service

Submit a signed employment application and resume. Requests for referral and/or cover letters are not accepted from external candidates unless specified in the ad. Qualified applicants will be invited for a preliminary interview at our East Hill Plaza office.

Groundsworker, SO04 (B6101)

Athletics-Endowed

Hiring Rate: \$6.25

Maintain and care for all Athletic and Physical Education Department equipment, facilities, and grounds. Prepare areas for intercollegiate events, physical education classes and intramural activities. Oversee ice rink activities and equipment. Irregular hours seasonally.

Requirements: High School diploma or equivalent. NYS class 5 driver's license required. Ability to lift 100 pounds, climb ladders, work outdoors in inclement weather. Knowledge and skill of turfgrass maintenance and proficiency in routine repair, maintenance and handling of turfgrass equipment i.e., operate power equipment tractors, lawn mowers, hand tools, standard transmission vehicles. Ability to operate ice resurfacing equipment, handle ice rink money and rental operation.

Bus Driver, SO06 (G5834)

CU Transit-Endowed

Hiring Rate: \$6.85

Drive bus on campus, TOMTRAN routes and charter trips. Check vehicle for proper operating condition; provide information and directions. Shift subject to change.

Requirements: High School diploma or equivalent. NYS Class 2 driver's license required. Pre-employment physical required. 3-6 months current bus driving experience.

General Service Temporary

In addition to posted positions, temporary opportunities frequently occur in custodial, food service, dish machine operation, material handling and other service areas. All individuals are encouraged to apply. Call Karen Raponi at (607) 255-2192 or 255-7422 for more information.

Casual Animal Attendant (B6102)

Veterinary Microbiology-Baker Institute-Statutory

Provide appropriate care of horses on weekends and holidays. Feed/water, clean and disinfect facility and maintain records. Weekends and holidays, 10 hours.

Requirements: High School diploma or equivalent. Experience with horses or other large animals is necessary.

Academic

Post-Doctoral (or experienced MS)

Boyce Thompson Institute

Work with team investigating the molecular genetics of plant-bacterial interactions. Will, isolate and characterize products of cloned bacterial genes. The genes are involved in pathogenicity to host plants and the elicitation of the hypersensitive reaction (a plant defense reaction) in non-host plants.

Requirements: Training in biochemistry, microbiology, genetics or molecular biology is desired. Experience in protein isolation and analysis is particularly appropriate. Applicants without a doctorate, but with appropriate experience will be considered. The position is currently funded for 1 year. Contact Drs. S.V. Beer at the Department of Plant Pathology (255-7870) or V. Macko at Boyce Thompson Institute for Plant Research (254-1319).

Lecturer/Landscape Architect

Agriculture and Life Sciences

A full-time 9 month Lecturer position or several part-time positions, August 25, 1989-June 10, 1990. Responsibilities include a graduate studio and graphic course for the fall semester and; an upper level undergraduate studio and technology course in the spring semester. An advanced degree in landscape architecture (MLA) or a related field recommended, but not required, as well as professional experience. Request additional information from Peter J. Trowbridge, 230 East Roberts Hall, Ithaca, NY 14853. 607-255-1802. Send a letter of intent, resume, representative examples of work, and names, addresses and telephone numbers of 3 references. Deadline for application is April 30.

Retirement Issues: 1989 Tax Deferred Plan Update

The Cornell University Tax Deferred Plan provides eligible employees with an opportunity to save for retirement with before-tax dollars. All of your contributions and the earnings from your investment can grow without being reduced by current federal and state taxes. Taxes are delayed (tax deferred) until you begin receiving retirement income.

Updated interest rates are listed below along with telephone numbers for each investment company. For more information about the investment alternatives, you may contact the companies directly. Employees interested in enrolling should contact Employee Benefits (endowed) at 5-6896 or the Statutory Benefits office at 5-7924.

- The Equitable Life Assurance Society (800) 522-5236 (in New York State), (800) 233-4196 (outside NY State)
- Dreyfus - (800) 645-6561
- Fidelity - (800) 343-0860
- TIAA/CREF - (800) 842-2733
- TIAA interest rates for Retirement Annuities - 9.25%, SRA Annuities - 9.00% effective through February 28, 1990.

For updated information on CREF, call TIAA/CREF's toll-free number, (800) 223-1290.

UNUM (formally Unionmutual) - (800) 341-0441

Interest rate as of January 1, 1989 - 8.75%.

Technicians: Your Input Requested

Note to technicians: Please complete and return the following electronics course interest survey to Training and Development, 107 Day Hall.

Training and Development is planning to offer a series of electronics courses for technicians. Your input regarding your own personal experience, knowledge and areas of interest will help us provide a more challenging and rewarding curriculum. We encourage you to complete the following survey and return it to 107 Day Hall by April 7. Please feel free to stop by the office or call 5-7170 if you have any questions.

Electronics Course Interest Survey

Name _____
 Department _____
 Years at Cornell _____
 Present Job Title _____

Education:

Years of high school _____ Diploma? Yes _____ No _____
 BOCES? Yes _____ No _____ Field of study _____
 Assoc. Degree? Yes _____ No _____ Field of study _____
 Military training? Yes _____ No _____ Branch _____
 Course _____
 BA or BS? _____ School _____
 Other? _____ Field of study _____

Years of experience working in electronics _____

Can you read schematics? _____

Do you have general knowledge of:

basic electron theory (Ohms Law)? _____
 Kirchoff's Law? _____
 vacuum tube theory? _____
 transistor theory? _____
 DC network analysis? _____
 AC network analysis? _____

Do you prefer:

more hands-on work? _____
 or more theory? _____
 or a mix of both? _____

Would you feel more comfortable starting from the beginning?

Do you prefer theory review and more advanced electron study?

Circle the number which represents your greatest interest (from 1 to 5, 5 being the greatest interest):

Basic theory	1	2	3	4	5
Transistor/diode theory	1	2	3	4	5
Transistor/diode design	1	2	3	4	5
Designing/op amps	1	2	3	4	5
Basic logic theory	1	2	3	4	5
Computer theory	1	2	3	4	5
Computer design	1	2	3	4	5
Advanced electronics	1	2	3	4	5
Other	1	2	3	4	5

We would also like to make all technical employees aware of Rochester Institute of Technology's plans to offer a Bachelor of Technology program at the TC3 campus. Classes would be held on a part-time, evening basis. Here is some information regarding RIT's proposed program:

- Electrical Engineering Technology and Mechanical Engineering Technology programs are being considered
- Incoming students should hold an AAS in an appropriate technology or related discipline
- There will probably be only one opportunity to enroll in this program, and, due to the sequential nature of the curriculum, most courses would not be repeated in the next several years
- Three ten-week quarters would be scheduled each year
- A student would need to commit two evenings per week for a five-year period in order to complete the degree
- Unique equipment needs will necessitate scheduling some lab activities for Saturdays on the RIT campus
- RIT's tuition rate is \$168 per credit hour; 4-8 credits per quarter would be normal for this program.

All interested technical employees are encouraged to stop by 107 Day Hall, or call 5-7170, by April 7.

Deadlines for CCTS Applicants; Information Meeting Scheduled

Employees who are now receiving the Cornell Children's Tuition Scholarship (CCTS) will automatically receive an application for the new academic year 1989-90. All other employees who need to apply for CCTS should request an application for the Office of Human Resources (OHR), 107 Day Hall, or call Adele Feierstein at 5-7509.

The deadlines for submission of applications are as follows:

- Summer Session - May 1, 1989
- Academic Year 1989-90 - June 1, 1989
- Fall Term Only - June 1, 1989
- Winter-Spring Term Only - December 1, 1989

To assist you in the process of applying for the CCTS benefit, the Training and Development section of OHR will sponsor an information session on Monday, April 10, 1989, from 3:00pm to 4:30pm in Kaufman Auditorium, Goldwin Smith Hall. This session will provide relevant information about the program as well as an opportunity for questions and answers.

Wheelchair Ramp Available for Loan

The Office of Equal Opportunity has purchased a portable wheelchair ramp which is available for loan to the Cornell community.

The ramp bridges the gaps over steps and curbs, allowing wheelchairs to continue on a smooth, safe course. The two ramps extend over five feet in length, locking securely into place with snap-button catches. Users align their wheels in the O-shaped track and roll up or down steps. The ramp can support over 350 pounds of weight and will allow temporary access to buildings which are not presently accessible.

To arrange to borrow the ramp, call the Office of Equal Opportunity at 255-3976.

Disability Continued from page 1

If an interpreter is present, he/she will function in the same way as a foreign language interpreter—by assuring strict confidence and by translating verbatim everything that's said. Focus your attention on the person you're conversing with, not the interpreter.

Visual Impairments

Introduce yourself when you meet a blind person. If you leave the room or conversation area, make the person aware that you're leaving. If the person has a guide dog, remember that the dog is working. Don't feed, pet, or distract the dog in any way while it is in harness. Guide dogs are legally allowed to travel on public transportation and are allowed in all public buildings.

If the person uses a white cane rather than a dog, you may offer travel help. If the individual indicates a desire for assistance, step to the individual's left and offer your arm. Use a normal tone and speed of voice. Some people have a tendency to speak loudly and more slowly to a blind person. This is totally unnecessary and inappropriate. Don't avoid using words like "look," "see" or "blind"; blind persons use them, too.

Physical Limitations

Be aware of the person's sense of self and her/his relationship to the devices that assist in achieving mobility. A person in a wheelchair needs "space" just as most of us do when interacting with others. Don't rest your arm on the side or back of a wheelchair when greeting a person. Offer to shake hands even if the person seems to have little or no grasping ability. Some individuals will have their own kind of handshake to give you such as putting a hand over yours or nodding. Talking to a person who uses a wheelchair should be like talking to anyone else. Don't avoid words such as "walk" or "run." Don't speak louder than normal or with exaggerated slowness to a person who uses a wheelchair. The fact that a person uses a wheelchair doesn't mean the person is not competent and intelligent. Always speak directly to the wheelchair user rather than to a companion.

Sit, if possible, when having long conversations. Offer to put crutches, canes or walkers in a suitable place when you accompany a person to restaurants, theaters, or other places. Open doors only when it's comfortable. Don't hold a door for two-three minutes waiting for a mobility-impaired person to catch up with you. The most important thing to remember is that persons have an identity separate and apart from the disability. Focus on their sense of humor, knowledge, experience and abilities first. If not, you may miss out on an excellent employee or a good friend.

Dual Career Cont. from page 1

appropriate opportunities for a spouse whose career must be interrupted is widened.

"The earlier we can start working with the spouse, the better," Courtney advises. "We like to start the job-search process before the move to the Ithaca area and before housing is found. On the chance that an appropriate opportunity cannot be found in the immediate area, the decision where to live can very much affect the scope of the job search.

"We often interview the accompanying spouse before an offer is extended or when the prospective candidate is interviewed by the department," she continues. "Sometimes the decision to accept a position at the university is based on whether there is an acceptable opportunity for the spouse to continue his or her career."

Advice to Departments

When a hiring department learns that a candidate has an accompanying spouse who will be looking for a job, Staffing Services should be contacted. A resume should quickly follow to allow time to evaluate the spouse's background against the ongoing needs of the local job market. "A great deal of ground work can be done before the move and even before a personal interview," she says.

Often the resume must be revised to reflect the types of opportunities available in the Ithaca job market as well as enhance the individual's chances in securing employment. If the spouse's back-

ground appears to be competitive for openings at the university the resume is forwarded to a staffing specialist and matched against current openings. If appropriate, the spouse may be referred at that time.

A marketing plan and network strategy is then developed which might include sending canvass letters and resumes to both Cornell departments and local employers whose current or past needs are in areas consistent with the candidate's background.

Local and regional classified ads are read and responded to if suitable. When the job seeker is available to interview locally, appointments are made with potential employers.

The booklet, *For Your Information: Job Prospecting in the Ithaca Area*, was developed by Staffing and will be sent upon request to anyone who is relocating to the area. The booklet provides articles on local employers, employment agencies, schools, job resource materials, subscription information for classified advertising, and some excellent job-hunting tips. For further information on the dual career program or to receive a copy of the booklet call Staffing Services at 255-5226.

March 31 Deadline

Empire plan participants must submit 1988 claims to Metropolitan by 3/31.

Select Benefits reimbursement accounts participants must submit 1988 claims by 3/31.

Workshops Offered

The Effective Executive, sponsored by the Johnson Graduate School of Management, will be offered twice this year: from April 16 - 21 and again from September 17 - 22. A partial listing of topics covered include: strategic planning, decision making, information gathering and synthesis, power and influence, emerging decision technologies. Contact John McKeown, 5-5355.

WordPerfect 4.2 and WordPerfect 5.0 will be offered on consecutive Tuesdays from April 4 through May 2 and consecutive Thursdays from April 6 through May 4 respectively from 6:30 to 9:30pm at TC3. Contact Training and Development at 5-7170.

Is Your Campus Address Correct?

If not, send your name, correct address, and Social Security number to Operations, 147 Day Hall. Please allow approximately three weeks for changes to take effect.

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