

CORNELL Chronicle

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Majestic



Peter Morenus

Sita Sari Suprpto, 17, a student at Ithaca High School, performs a Javanese royal-court dance Monday in Statler Auditorium as part of an International Week program sponsored by the International Students Programming Board.

International center named for Einaudi

The name Einaudi has run through the political and intellectual life of Italy since early in the 20th century.

Now the name will be engraved on an academic and research center here in permanent tribute to one of the pioneers of international studies in the United States.

On March 9, Cornell's Center for International Studies will be renamed the Mario Einaudi Center for International Studies to honor its founding director, whose father was the first elected president of Italy after World War II and whose sons continue a tradition of scholarship and service in Italy and the United States.

The Board of Trustees has approved the center's recommendation to honor the man described in the citation as a "tireless proponent of clear and critical thinking, democracy and ethics in politics; and a firm believer in the power of human values to transform the world."

Now 86 and a professor emeritus, Mario Einaudi founded the center in 1961 with a vision that international studies should go beyond courses in area studies and foreign languages to include academic efforts to deal with economic, social and development problems around the world.

"Professor Einaudi believed that international studies should not be reduced to 'foreign affairs' but should be more pragmatic,

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Kuwaiti ambassador's son finally skips class — after war ends

Although it was hard for him to concentrate during the Persian Gulf War, the son of Kuwait's ambassador to the United Nations never missed a class here until the fighting ended. Then he skipped classes and went to New York City to celebrate with his family.

"When the air war started, I had difficulty concentrating on my studies, because my priority was to get the news," said Muhannad M. Abulhasan, 21, a junior in the School of Hotel Administration.

"Then the ground war started, and I stopped studying completely. For the rest of my life, I will never forget the faces of the CNN anchor people."

But on March 1, a Friday, he cut class and took a bus to New York City to join his father, Ambassador Mohammad A. Abulhasan; his mother; and four younger sisters for a

quiet weekend in the embassy residence.

arrived for an interview wearing a scarf emblazoned with the colors of his nation's flag — green, red, white and black. One of three Kuwaiti students at Cornell, Abulhasan said his classmates supported him during the war. "Even students who did not know me would ask if my family and friends were safe," he said. "No one made a big fuss about it, and that was the way it should be, but I appreciate the support that I got."

As for the reconstruction of his country, Abulhasan says that Kuwait "may set a world record for rebuilding its nation."

"The destruction in Kuwait was greater than in Iraq," he said. "But we will rebuild faster because of our own resources, our wealth and our standing in the world. The world will help us reconstruct."

As to stability in the Middle East, he said he believes that there will be problems in the short term "until people get over their anger and hurt caused by the war. Then the nations of the Middle East will become more serious about achieving regional security. The chances for this are better now than ever before."

Since he was 40 days old, Abulhasan has lived abroad as his family moved from one diplomatic post to another. "But we always went home once a year, and I am a proud Kuwaiti," he said. Before becoming ambassador to the United Nations in 1981, his father had been ambassador to Yugoslavia and China and served in diplomatic posts in Switzerland and Iran.

Abulhasan was a student in the United Nations International School in New York City from the sixth through the 12th grades, and he enrolled in Cornell as an architectural student in 1988.

But in one year, he decided on a concrete goal that would meet his boyhood interest in public service to the world.

"I want to open up a philanthropic organization on a world scale to deal with issues such as environment, poverty and related problems," he explained.

"To do that, I want to branch out into business and earn enough to start a philanthropic organization. So, for business training, I moved to the Hotel School from architecture. I plan to work in hotels for a few years and then study for an M.B.A."

Abulhasan got a taste of hotel work last semester when he was a management intern at the Parker Meridien Hotel in New York City, dealing with cost controls, inventory and

purchasing systems, analysis of no-show trends and such mundane issues as use of service elevators.

He hopes that a few years in business will enable him to realize his ultimate goal.

"I want to design, fund and implement projects to solve problems that can be dealt with technically if the funds and experts are made available," he said. "That is what I want to leave the world. What is life worth without a good goal?"

— Albert E. Kaff

'When the air war started, I had difficulty concentrating on my studies, because my priority was to get the news. Then the ground war started, and I stopped studying completely. For the rest of my life, I will never forget the faces of the CNN anchor people.'

— Muhannad M. Abulhasan



Peter Morenus

Muhannad M. Abulhasan

Dedication



Peter Morenus

Ron LaFrance, director of the American Indian Program and a Mohawk chief, conducts a traditional Iroquois tobacco-burning ceremony March 1 to mark the beginning of construction of Akwe:kon, the new American-Indian residence-program house.

BRIEFS

■ **FCR:** The March 13 meeting of the Faculty Council of Representatives has been canceled.

■ **Waterline work:** As part of a construction project at the College of Veterinary Medicine, relocated water-utility lines are being connected this month. Generally, campus water supply will not be inter-

rupted, with the exception of a disruption to most of the Vet College and Agriculture and Life Sciences buildings on March 20. Also, there is a possibility of isolated cases of low water pressure or cloudiness in the water. For additional information, call 255-5322.

■ **Cornell on TV:** Now that Operation Desert Storm has ended, the next "Community Report" television show will explore two issues related to the Gulf War. Will the images of a live, televised war have a lasting effect on children? What scientific discoveries are likely to result from the war? Two faculty members will discuss those questions on the program, showing March 13 at 7:30 p.m. and again March 19 at 10:30 p.m. on Cable Channel 7. Also, women's-hockey star Kim Ratushny and the work of the Spacecraft Planetary Imaging Facility will be featured.

■ **Bus service:** Tioga Transit is scheduled to begin a new bus service between Owego and Cornell beginning Monday, March 11. The bus will make a morning and an afternoon run and will stop in Owego, Candor, Danby and Ithaca. Cornell employees can ride free during the first week of service, March 11 through 15. Stops in Ithaca include Sage Hall and Aurora and Green streets. For more information and a copy of the route schedule, contact the Traffic Bureau at 116 Maple Ave., telephone 255-4600.

Trustees to meet today, tomorrow

Cornell's Board of Trustees will meet in open session from 10 a.m. to about noon on Friday, March 8, in the Herbert F. Johnson Museum of Art on campus.

Trustees will discuss 1991-92 tuition for the state-assisted colleges and admission and financial-aid policies for 1992-93; they will also hear a report on urban Cooperative Extension programs.

Two board committees will meet in open session on March 7, at the Statler Hotel, as follows:

At 4:30 p.m., in the Princeton Room, the Committee on Land Grant and Statutory College Affairs will discuss next year's tuition, the state budget in general and Cornell-state relations.

At 6:30 p.m., in the Syracuse China Room, the Audit Committee will discuss matters of state auditing and controls.

NOTABLES

Two members of the faculty — Donald P. Greenberg, the Jacob Gould Schurman Professor of Computer Graphics and director of the Program of Computers Graphics, and John L. Lumley, the Willies H. Carrier Professor of Engineering — were among 77 engineers elected to membership in the National Academy of Engineering. Greenberg was cited "for advances in applications of computer graphics to education and computer-aided design, and for image-synthesis algorithms providing improved realism." Lumley was cited "for significant contributions to the understanding of turbulent and non-Newtonian flows."

Three faculty members — William D. Pardee, professor of plant breeding and biometry; Ravindra N. Sudan, the IBM Professor of Engineering; and Paul F. Velleman, association professor of industrial and labor relations — were among 280 scholars named as fellows of the American Association for the Advancement of Science. A fellow is described as "a member whose efforts on behalf of the advancement of science or its applications are scientifically or socially distinguished."

William McMinn, dean of the College of Architecture, Art and Planning, has been named one of five winners of the 1991 Distinguished Professors Awards presented by the Association of Collegiate Schools of Architecture. McMinn was cited as "not only a gifted and compassionate teacher, but architectural education has benefitted substantially from his efforts. In founding the School of Architecture at Mississippi State University, he took a program from inception and crafted it into one of regional and national significance."

Alan G. Merten, dean of the Johnson Graduate School of Management, has been appointed to a three-year term on the board of directors of the American Assembly of Collegiate Schools of Business (AACSB). Organized in 1916 and consisting of 863 member institutions, the AACSB is the accrediting agency in the United States for baccalaureate and master's-degree programs in business administration and accounting. Merten has served for two years on an AACSB task force that is evaluating national accreditation standards for business education.

Daniel H. Usner Jr., an assistant professor of American history, has received the 1990 Jamestown Prize from the Institute of Early American History and Culture for his manuscript, "Indians, Settlers and Slaves in a Frontier Exchange Economy: The Lower Mississippi Valley before 1783." The prize goes to an outstanding first-book, scholarly manuscript on a topic relating to the formative period of American history, before 1815. The prize includes publication by the institute through the University of North Carolina Press.

Philip E. Lewis, professor of Romance studies and associate dean of the College of Arts and Sciences, is among nine editors to whom the Modern Language Association of America recently awarded the 21st annual James Russell Lowell Prize for "A New History of French Literature," published by Harvard University Press in 1989. A specialist in 17th-century French literature, Lewis edited the section on that period in collaboration with Joan DeJean of the University of Pennsylvania. The citation called the book "an irresistible model."

OBITUARY

Harold H. Williams, professor emeritus of biochemistry, died Feb. 25 at Tompkins Community Hospital. He was 83. A memorial mass will be held Monday, March 11, at 10 a.m. at St. Catherine of Sienna Church.

Williams was a nationally recognized authority on nutrition from the 1930s until his retirement from Cornell in 1973. He was chairman of biochemistry and nutrition from 1955 to 1964.

He was a recipient of the American Institutes of Nutrition's prestigious Borden Award for "his early studies of nutrition in connection with milk production in farm animals and for his later contributions to nutritional biochemical changes in human lactation."

Williams was the author of more than 140 scientific articles and author or co-author of several books, including "Hidden Hunger," "The History of the American Institute of Nutrition — the First Fifty Years," and "Portrait of a Pioneer Woman Scientist — Bondless Horizons."

He was a member of a number of federal and international committees and organiza-

tions concerned with nutrition, including the United Nation's Food and Agricultural Organization Expert Panel on Milk Quality.

Survivors include his wife, Agnes Gainey Williams of Cayuga Heights; three daughters, Patricia M. Williams of Washington, D.C., Margaret Williams Puck of Encinitas, Calif., and Kathleen Williams Millar of Littleton, Colo.; four grandchildren; one brother; and one sister.

Memorial gifts may be made to the Cornell Plantations, the Cornell Golf Club or any charity of the donor's choice.

The body of Darryl P. Bryan, 19, a sophomore in the College of Arts and Sciences who was reported missing last Dec. 14, was discovered Feb. 28 in Cayuga Lake, according to the Department of Public Safety.

Bryan, of La Habra Heights, Calif., was reported missing after leaving a note indicating that he planned to jump into the Fall Creek gorge.

His death has been ruled a suicide by the Tompkins County Medical Examiner's Office.

GRADUATE BULLETIN

Course changes: The last day for dropping courses and changing grade options is March 15. A \$10 late fee is charged for each change after this date. A course dropped after March 15 will appear on transcripts with a "W" (withdrawn). Courses may be dropped only through last day of classes.

Travel: Conference-travel grant applications are due at the Graduate Fellowship and Financial Aid Office, Sage Graduate Center, by April 1 for May conferences. Application forms are available at graduate field offices. Grants for transportation are awarded to registered graduate students invited to present papers.

Loan deferral: Students with outstanding educational loans should be aware of federal regulations concerning loan deferment. For each year a student is enrolled in a degree program, it is the student's responsibility to request, complete and file deferral forms with each lender. Students with

outstanding educational loans from other institutions should contact their lenders or billing agencies to obtain specific instructions regarding deferral procedure and repayment terms. Students with outstanding Perkins loans from Cornell will receive a mailing from the Bursar's Office in mid-April with instructions for procedures to follow.

Health requirements: Effective with the fall semester 1991, registration holds will be placed on all students who have not complied with the new state immunization requirements. Since this is the first time this law applies to graduate students, Gannett will attempt to contact all students born after Dec. 31, 1956, whose file indicates they need doses of mumps, rubella or measles vaccines. Note that two measles vaccinations are required. In addition, international students should have submitted results of a tuberculin skin test (PPD or Mantoux).

CORNELL Chronicle

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It is the policy of Cornell University actively to support equality of educational and employment opportunity. No person shall be denied admission to any educational program or activity or be denied employment on the basis of any legally prohibited discrimination involving, but not limited to, such factors as race, color, creed, religion, national or ethnic origin, sex, sexual orientation, age, or handicap. The university is committed to the maintenance of affirmative-action programs that will assure the continuation of such equality of opportunity. Sexual harassment is an act of discrimination and, as such, will not be tolerated. Inquiries concerning the application of Title IX may be referred to Cornell's Title IX Coordinator (Coordinator of Women's Services) at the Office of Equal Opportunity, Cornell University, 234 Day Hall, Ithaca, N.Y. 14853-2801 (telephone 607 255-3976).

Cornell University is committed to assisting those persons with disabilities who have special needs. A brochure describing services for the handicapped student may be obtained by writing to the Office of Equal Opportunity, Cornell University, 234 Day Hall, Ithaca, N.Y. 14853-2801. Other questions or requests for special assistance may be directed to that office.

ILR applicants at baby-boom level

Applications for advanced industrial relations studies here have increased more this year than at any time since the end of the baby-boom era.

Ironically, the current recession has helped fuel the gain, said Lawrence K. Williams, who administers graduate studies in the School of Industrial and Labor Relations.

By late February, 185 students from the United States and abroad had applied to enter ILR programs for master and doctoral degrees this August, compared with 146 applications at the same time last year.

"This 25-percent increase is ahead of any year since 1983, which was the last year of graduate students who were born during the baby-boom years," Williams said. "By March, we almost certainly will pass last year's total number of applications, 217. Even with the downturn in the economy, there is an increase in the number of job recruiters coming to our door. We are on a roll."

Williams, a professor of organizational behavior, said three economic factors helped increase interest in graduate studies in the field of human resources:

- "Recruiters point out to us that downsizing an economy creates human-resources problems just as much as does an expanding economy."

- "More and more corporations are recognizing that the way they deal with their employees can give them a competitive edge, and that is what this field is all about."

- "Graduates with bachelor degrees in areas where jobs are short are coming to us for advanced study."

Of the 125 students currently in the graduate school, 65 of them are studying for the two-year master of industrial relations. The other 60 are studying for M.S. and Ph.D. degrees, which usually lead to academic or research careers.

About 10 percent of the applicants are members of ethnic minority groups, and students are almost equally divided between men and women.

"We are not satisfied with the number of minority students, and we continue our outreach including offering fellowships in an effort to attract more," Williams said. "Most of our foreign students are from Pacific-rim nations — Japan, Taiwan and Korea."

Starting in August, Cornell will offer for the first time a dual degree, a master's of business administration and a master's of industrial relations, through a joint two-and-a-half-year program conducted by the ILR School and the Johnson Graduate School of Management.

—Albert E. Kaff



David Lynch-Benjamin

Seniors Matthew Sherman (left) and Jeff Loiter (center) talk with Professor Kenneth Hover above the Olin Library addition.

Realistic engineering course captures the anxiety of construction bidding

"Bruno" of Mechanical Contractors of Ithaca was just plain surly over the phone:

"Hey, man, I do quality work, a quality job!" he growled into the receiver. "I don't need your job, OK?" he declared as he gave a harried Cornell engineering student at the other end of the line a price quote for mechanical systems for a new medical building.

In another phone call, though, "Sky" of Skyview Skylights, was mellow, if not slightly flaky:

"Hey, man, what's happenin'?" I got some great skylights here!" he burred, providing students with a totally irrelevant bid on skylights, which had been deleted in later revisions of the building's plan.

Both Bruno and Sky were fictitious subcontractors in an elaborate simulation of the cutthroat business of construction bidding, which is just one part of the Cornell course CEE 595 "Construction Planning and Operations."

The course also includes detailed classwork in cost-estimating, construction scheduling, forms of contract and the basics of mechanical and electrical systems.

Taught by civil engineering Professor Kenneth Hover last fall, the course has gained a reputation among engineering students as a tough-but-realistic experience with the triumphs and frustrations of construction contracting — one that will serve them well as practicing civil engineers.

The course began with the students forming themselves into four- or five-member teams as "construction firms" — with names such as Corleone Construction and Livin'-on-the-Edge Construction.

The student teams were then given plans and a thick book of specifications for an actual building that had already been constructed — a newly completed \$700,000 Convenient Care Center building in Ithaca.

After poring over the materials and without knowing the actual cost of the building, the teams organized themselves to develop an overall bid by performing their own time- and cost-analyses and by choosing from among bids offered by some three dozen fictional subcontractors.

The bid preparation process included learning a computer project-management software package and applying it to their project.

D-day, the deadline for submitting bids, was midnight Sunday, Nov. 18. And, as with real life, the "subcontractors" waited until that evening to phone in their bids.

Operating from a bank of phones in a campus office, the subcontractors were played by 13 volunteers, including graduate students, university staff and a real subcontractor, who began bombarding the student teams with last-minute telephoned bids. They played their parts to the hilt:

Some, like Bruno (alias senior Andy Reinach) played it ornery. Others, like Sky (played with great relish by this reporter) were misleading. Still others, like Jack Miller, a real-life concrete contractor, were hard-nosed negotiators.

Throughout the frantic evening, the teams received bids and bid amendments from volunteers representing vendors of fictional concrete, steel and lumber, as well as plumbers, electricians and heating specialists.

There were over three dozen fictional subcontractors in all, and some 500 calls streamed out of the subcontractors' phone bank that night, with scores coming in from student teams bargaining, cajoling and asking for clarifications.

Minutes before midnight, the teams delivered sealed bids to Hover, who opened them the next day in class.

The experience was sobering for the student teams, most of whose bids ended up being disqualified on the technicalities of submitting a legally acceptable bid form. However, the students did a creditable job, said Hover, and the interests of engineering education were well served.

"We at Cornell can't and shouldn't try to teach students the construction details of windows or doors," he said. "But if we can teach them just what this construction environment is like, we're doing our job." The students agreed.

One participant, Jeff Loiter, said, "Hover is an incredibly enthusiastic teacher, and he put a lot of energy and work into the course; we really appreciated that." The work paid off, as the engineering students found themselves immersed in the bidding experience.

As Hover told the students the next day: "Somewhere in the middle of last evening I could tell from the calls coming in and going out that this project ceased to be an academic exercise and became a personal issue for many of you."

—Dennis Meredith

CORNELL Life

Guarding Cornell's art

Lenae Meadors won't tell you this — not unless you ask her, directly — but she knows a few things about art.

Not that Lenae is an art student in the sense we tend to think of students around here. And not that, in her 31 years, she's had much occasion to visit art museums — until taking a job as a guard at the Herbert F. Johnson Museum of Art 18 months ago.

But she has been picking up some things, in between her task of walking from floor to floor every 15 minutes, saying, "Please stand back from the painting," and, "I'm sorry you can't use a pen in here."

"I learn whatever I can. I learn everything I can," she said, while walking the floors on a recent quiet afternoon.

The other day, there was a class of fourth-graders touring the museum. Lenae was right behind them, keeping an eye on the children but keeping her ears open to what the teacher told them, too.

When people stop by a painting to talk about it, "I like to listen," she said, "especially in the Asian collection."

When the museum runs its special education programs, Lenae likes to stand very close to the group (if no one else is on the floor for her to watch). "They think I'm there watching just to make sure they don't do anything wrong," she said.

"I listen even if I heard it before. There's always something different I pick up. As many times as I go past certain things, I always see something new."

Sometimes, she learns by talking with visitors. "One time, I saw a student looking at that painting there," she said, indicating a three-sided, tri-colored figure. "He was looking at it for the longest time; you had to wonder what he saw." She asked him. "It has to do with colors," he said. Sometimes, she doesn't learn much.

But another time, a student asked her opinion about a painting that, she said, "looked like a cow of putrid colors." ("I know I shouldn't say that," she added, "but it did.")

"I think it represents destruction and unhappiness," Lenae told him.

"Oh, I think just the opposite," the student replied. "I think, because of all the bright colors, it is a happy, cheerful painting."

"It was very interesting to hear a completely different view of it," she recalled. It didn't change her mind any. But it reminded her of one of the things she likes so much about the museum. It encourages open-mindedness.

Working at the Johnson, she said, is also inspiring her to paint, again.

The first time she painted was in the eighth grade, when, instead of tracing a picture of a winter landscape like the other students in her class, Lenae painted it freehand, protesting she didn't know how to do it but finishing with the discovery she did.

Someone offered her \$50 for the painting before she got it into the house, but it landed in her closet, instead.

She went on painting, though, feeling best about it when a teacher kept repeating to her, years later, "It doesn't have to be exactly right. If you make a mistake, who cares?"

Yet she has been unable to hold onto that attitude.

"I'm a perfectionist. It's a terrible way to be. My image of an artist is someone who can say, 'Here it is, like it or not.' I'm not that," she said. Lenae never even mentioned her painting to her co-workers.

And her more than half-dozen completed works — landscapes, a nude and abstract works — are all still in her closet. Only a charcoal self-portrait made it out, after her mother discovered it. "I don't know why she likes it," Lenae said. "I guess because it's me."

But while working as a museum guard is as close as she can get to art right now, Lenae said, the experience is helping her build a little, albeit fleeting, confidence.

"My dream is to do the work and have enough courage to show it," she says. "Maybe somebody would be attracted to it."

Then she stopped short on the thought, tightening her lips and squinting her eyes.

"See? I just can't see that happening," she said. "I need a little push."

—Lisa Bennett

CALENDAR

All items for the Chronicle 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.

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

Cornell International Folkdancers

All events are open to the Cornell Community and general public. Admission is free, unless stated otherwise. For information, call 257-3156.

Instruction and requests, March 10, 7:30 to 10:30 p.m., North Room, Willard Straight Hall. A planning meeting will be held 6:30 to 7:30 p.m.

Israeli Folkdancing

Israeli folkdancing, Thursdays, 8:30 p.m., Edwards Room, Anabel Taylor Hall.

Wellness Program

Global Dancing, sponsored by Cornell Wellness Program, March 12, 7:30 to 10 p.m., dance studio, Helen Newman. For information call 273-0707.

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.

"Message to the Future," an exhibition of artwork by New York state artists concerned with environmental issues, is on display at the Johnson Museum of Art through March 17.

"Masks and Other Facades," organized by the museum's student interns, will be on view through April 14. The exhibition features a collection of bold and colorful Native American Indian masks, as well as collections of elaborately designed African and Guatemalan masks. Also on display are renderings of masks by more contemporary Western artists such as Giorgio DeChirico and Saul Steinberg.

In conjunction with the exhibit, "Masks and Other Facades," a gallery talk by Liz Olshan, student intern, will be held at 2 p.m. March 10.

"The Art of Tibet," an exhibition featuring "thangka" paintings and sculpture from the museum's Asian collection and private lenders as well as 22 black-and-white photographs of Tibet by Kevin Bubriski, will be on view through March 31. Beginning March 8, a sand mandala will be constructed in the gallery by monks from the Dalai Lama's monastery in India and will be on view through March 30. The exhibition was organized in conjunction with Tibet House in New York City in response to the visit to Cornell of the Dalai Lama.

"Tibetan Art and Culture," a slide lecture, will be presented by Sidney Piburn, vice president of Snow Lion Publications, in conjunction with the exhibit, "The Art of Tibet," on March 14 at noon in the museum.

Center for Jewish Living

"Art and Action," by Alex Singer '84, will be on display at the Gallery of Art, Center for Jewish Living, 106 West Ave., through March 15. After graduating from Cornell, Singer moved to Israel and was drafted into the Israeli Army in 1985 and killed in 1987 in a battle in Lebanon.

Olin Library

"Children's Literature: From England . . . to America," through March 15, Monday through Friday, 8 a.m. to 5 p.m. English and American illustrated books for children from the late 18th through the early 20th centuries.

Willard Straight Hall Art Gallery

"Viewed From Within," photography by Jennifer Wasserman, on exhibit from March 11 through 29.

FILMS

Films listed below are sponsored by Cornell Cinema unless otherwise noted and are open to the public. All films are \$3.50 except weekend films (Friday and Saturday), which are \$4.50 (\$4 for students). All films are held in Willard Straight Theatre except where noted.

Thursday, 3/7

"Arachnophobia" (1990), directed by Frank Marshall, with Jeff Daniels and John Goodman, 7:15 p.m.

"Welcome Home, Roxy Carmichael" (1990), directed by Jim Abrahams, with Winona Ryder and Jeff Daniels, 9:50 p.m.

Friday, 3/8

"The Little Mermaid" (1989), directed by John Musker, with Jodi Benson, Pat Carroll and Samuel Wright, midnight.

"Arachnophobia," 7 p.m.

"Rodrigo D" (1989), directed by Victor Gaviria, co-sponsored by CUSLAR, 7:15 p.m., Uris.

"Miller's Crossing" (1990), directed by Joel Coen, with Gabriel Byrne, Marcia Harden and Albert Finney, 9:30 p.m., Uris.

"Welcome Home, Roxy Carmichael," 9:35 p.m.

Saturday, 3/9

"Ganga Jamuna (Dilap Kumar)," sponsored by the South Asia Program, 1:30 p.m., Media Room, Uris Library.

"The Little Mermaid," 2 p.m.

"The Big Sleep" (1946), directed by Howard Hawks, with Humphrey Bogart and Lauren Bacall, 7:15 p.m.

"Rodrigo D," 7:15 p.m., Uris.

"Miller's Crossing," 9:30 p.m., Uris.

"The Little Mermaid," 9:55 p.m.

"Arachnophobia," midnight.

Sunday, 3/10

"Nice Colored Girls" (1987), directed by Tracey Moffatt; "Selbe" (1983), directed by Safi Faye; "A Song of Ceylon" (1985), directed by Laleen Jayamanne, co-sponsored by CCPA, free, 2 p.m., Johnson Museum.

"The Little Mermaid," 4:30 p.m.

"The Big Sleep," 8 p.m.

Monday, 3/11

"Miller's Crossing," 7 p.m.

"The Devil is a Woman" (1935), directed by Josef Von Sternberg, with Marlene Dietrich, Cesar Romero and Edward Horton, shown with "Blonde Cobra," 9:30 p.m.

Tuesday, 3/12

"A Dollar a Day, Ten Cents a Dance," and "Asian Heart," sponsored by the Southeast Asia Program, 4:30 p.m. Room B, Uris Library.

"Life Is Cheap . . . But Toilet Paper Is Expensive" (1989), directed by Spencer Nakasako, with Cora Miao and Victor Wong, co-sponsored by Asian-American Coalition, 7:15 p.m.

"Bonfire of the Vanities" (1990), directed by Brian DePalma, with Tom Hanks, Bruce Willis and Melanie Griffith, 9:30 p.m.

Wednesday, 3/13

"Narayama Bushi-Ko" (1958), directed by Keisuke Kinoshita, co-sponsored by East Asia Program, 4:30 p.m., free, Uris.

"Whose Life Is It Anyway?" directed by John Badham, with Richard Dreyfuss, John Casavetes and Christine Lahti, 7 p.m.

"Bonfire of the Vanities," 9:45 p.m.

Thursday, 3/14

"Bonfire of the Vanities," 9:45 p.m.

"The Krays" (1990), directed by Peter Medak, with Gary Kemp, Martin Kemp and Billie Whitelaw, 7 p.m.

LECTURES

Archaeology

"Metaponto: Archaeology of the Greek Countryside," Joseph Carter, University of Texas, March 7, 8 p.m., 22 Goldwin Smith Hall.

Campus Club

"Liveable Landscape Architecture," Marvin

Adelman, landscape architecture, floriculture and ornamental horticulture, March 7, 10 a.m., auditorium, Boyce Thompson Institute.

Center for Jewish Living

"Activism in the '90s," Rabbi Avi Weiss, Hebrew Institute of Riverdale and Judaic Studies, Stern College, Yeshiva University, March 7 at 7:30 p.m. at the K kosher Dining Hall, 106 West Ave. Rabbi Weiss will receive The Masters in Excellence Award, given by the Jewish Center to individuals who have brought new dimensions of excellence to their profession and a high degree of responsibility to the community they serve.

Classics

"The Theater and Political Culture," Erich S. Gruen, University of California, Berkeley, March 7 at 4:30 p.m., Hollis E. Cornell Auditorium, Goldwin Smith Hall. This is the fifth of the seven Townsend Lectures on "Culture and National Identity in Mid-Republican Rome."

East Asia Program

"Electronic Pageantry and Japan's Symbolic Emperor," Takashi Fujitani, University of California, Santa Cruz, March 11, 4:30 p.m., 374 Rockefeller Hall.

"The Magi in China, 1200-800 BC," Victor Mair, University of Pennsylvania, co-sponsored by religious studies program, March 12, 4:30 p.m., 374 Rockefeller Hall.

Hillel

"Prayer and the Prayerbook," Topics in Jewish Tradition, March 11, 8 p.m., 314 Anabel Taylor Hall.

Hotel Administration

Joseph Holland, founder and director of Hark Homes, Harlem, will speak on his shelter for homeless men, March 7, 10 a.m., 465 Statler Hall.

Robert B. Gravani, food science, will speak on his involvement in food-safety training for staff and volunteers in community kitchens, March 12, 10 a.m., 465 Statler Hall.

Mathematical Sciences Institute

Marco Avallandeda, Courant Institute, New York University will present three lectures: "Scaling Properties and Phase Diagrams for Long-Time Turbulent Transport I: Quasi-1D Stratified Flows," co-sponsored by the Center for Applied Mathematics, March 8, 4 p.m., 321 Sage; "Scaling Properties and Phase Diagrams for Long-Time Turbulent Transport II: Multidimensional, Isotropic Flows," March 11, 4 p.m., 214 MSI, 409 College Ave.; "Modeling a Multiscale Turbulent Environment by Random Arrays of Vortices: Monte Carlo Simulations," March 12, 4 p.m., 214 MSI, 409 College Ave.

"Complete Integrability of 'Completely Integrable Systems,'" David Sattinger, University of Minnesota, co-sponsored by the Center for Applied Mathematics, March 15, 4 p.m., 322 Sage Hall.

Music

"Idomeneo: Dramma Per Musica," Julian Rushton, University of Leeds, England, as part of the Grout Lecture, March 11, 4:15 p.m., 301 Lincoln Hall. "Idomeneo," one of Mozart's operas, was first performed in 1781.

Muslim Educational & Cultural Association

"The Gulf Crisis vs. American Values: Royalty, Religion and Gender," Ali A. Mazrui, SUNY Binghamton and author of the television series, "The Africans: A Triple Heritage," March 13, 8 p.m., auditorium, Anabel Taylor Hall.

Near Eastern Studies

"The Roots of Islamic Historicism," Tamara Sonn, St. John Fisher College, co-sponsored by Comparative Muslim Societies, March 11, noon, 374 Rockefeller Hall.

Olin Foundation Lecture

Isabel Allende, author of "The House of the Spirits, of Love and Shadows," and "Eva Luna," and an exiled Chilean and niece of Salvador Allende, will speak at a graduate symposium on March 12 at 7:30 p.m. in Bailey Hall.

Society for the Humanities

"Revolutions Per Minute or The Pet Shop Boys Forever," Ian Balfour, York University, March 13, 4:30 p.m., Guerlac Room, A.D. White House.

Southeast Asia Program

"Some Character of Vietnamese Traditional Culture," Tran Quoc Vuong, University of Hanoi, March 7, 12:20 p.m., 102 West Ave. Extension.

"Was He Incompetent or Was He Misjudged? Bloomfield Douglas and the Planning of Kuala Lumpur (1879-1882)," Sarah Maxim, SEAP grad student, history, March 14, 12:20 p.m., 102 West Ave. Ext.

Western Societies Program

"Too Much of a Good Thing? Crises of Glut

in European and Caribbean Societies," Jay Wylie, Massachusetts Institute of Technology, March 7, 4:30 p.m., G-08 Uris Hall.

"A Social Dimension to Single Market Europe?: The Political Economy of 1992," Peter Lange, Duke University, March 8, 12:15 p.m., 153 Uris Hall.

Women's Studies Program

"Ordinary Heroines: Women in Times of Crisis," Barbara Kingsolver, novelist, journalist and human-rights advocate, March 7, 4:30 p.m., Hollis E. Cornell Auditorium, Goldwin Smith Hall.

MUSIC

Department of Music

Karel Husa will conduct his "Music for Prague 1968" and Beethoven's "Missa Solemnis," on March 10 at 8:15 p.m. in Bailey Hall. Tickets ranging from \$8 to \$12.50 for the general public and \$7 to \$10.50 for students, are on sale in the Lincoln Hall ticket office, open from 9 a.m. to 1 p.m., or by calling 255-5144.

Chamber Music performed by students of Sonya Monosoff and Mark Scatterday will be held March 12 at 8:15 p.m. in Barnes Hall. Featured on the program are Beethoven's String Trio in C Minor, op. 9, no. 3, and Mozart's Serenade No. 10 in B-flat Major, performed by the Chamber Winds and conducted by Scatterday.

"Music From Africa, India and the U.S.A.," will be featured on March 13 at 8:15 p.m. in Barnes Hall. Featured performers are composer Tom Ross, mbira, jazz guitar and voice; Jeff Fuller, bass; Ray Kaczynski, drums and percussions; Martin Hatch, voice; and the B Side Ensemble. The concert is co-sponsored by the Society for the Humanities and the Council of the Creative and Performing Arts.

Dizzy Gillespie and the Cornell Jazz Ensemble, directed by John LaBarbera, will perform pieces selected by Gillespie on March 14 at 8:15 p.m. in Bailey Hall. Tickets at \$6 are available at the Lincoln Hall ticket office, 9 a.m. to 1 p.m., Willard Straight Hall and the DeWitt ticket office.

Bound for Glory

Nancy Tucker, comedienne and songwriter, will perform in three live sets March 10 at 8:30, 9:30 and 10:30 p.m. in the Commons Coffeehouse in Anabel Taylor Hall. Bound for Glory can be heard Sundays from 8 to 11 p.m. on WVBR-FM, 93.5.

READINGS

Creative Writing Series

A poetry reading by Louise Gluck, co-sponsored by the Robert Chasen Memorial Poetry Reading, on March 7 at 4:30 p.m., Kaufmann Auditorium, Goldwin Smith Hall.

Writers at Cornell Read

A reading of fiction and poetry written by the first-year MFA class on March 13 at 4:30 p.m. in The Henry, Sage Hall.

RELIGION

Sage Chapel

F. Forrester Church, Unitarian Church of All Souls, New York, will deliver the sermon March 10. Service begins at 11 a.m. Music will be provided by the Sage Chapel choir under the direction of Donald R.M. Paterson. Sage is a non-sectarian chapel.

Baha'i

Weekly meetings on campus. Call 257-7971 for information.

Catholic

Masses: Saturdays, 5 p.m., Sundays, 9:30 a.m., 11 a.m., 5 p.m., Anabel Taylor Auditorium. Daily masses, Monday through Friday, 12:20 p.m., Anabel Taylor Chapel.

Christian Science

Testimony meetings, Thursdays, 7 p.m., Founders Room, Anabel Taylor Hall.

Episcopal (Anglican)

Sundays, worship and Eucharist, 9:30 a.m., Rev. Gurdon Brewster, chaplain, Anabel Taylor Chapel.

Friends (Quakers)

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

Jewish
 Morning Minyan at Young Israel, 106 West Ave. Call 272-5810.
 Shabbat Services: Friday: Conservative/Egalitarian, 5:30 p.m., Founders Room, Anabel Taylor Hall; Reform, 5:30 p.m., Anabel Taylor Chapel; Orthodox, Young Israel (call 272-5810 for time). Saturday: Orthodox, 9:15 a.m., One World Room, Anabel Taylor Hall; Conservative/Egalitarian, 9:45 a.m., Founders Room.

Korean Church
 Sundays, 1 p.m., Anabel Taylor Chapel.

Muslim
 Friday prayers, 1 p.m., Edwards Room, Anabel Taylor Hall; Friday discussion dinner, 5:30 p.m., 218 Anabel Taylor Hall; Sunday Quran Study, 12:30 p.m., 218 Anabel Taylor Hall; Ramadan prayers and fast-breaking breakfast around March 14; MECA office, 218 Anabel Taylor Hall, provides information, a library, halal meat and other services for all. For information, call Minhaj Arastu, 253-6848.

Protestant Cooperative Ministry
 Sunday worship, 11 a.m., Anabel Taylor Chapel; Taize Prayer, Tuesdays, 5:30 p.m., Anabel Taylor Chapel; Bible study, Thursdays, 7:30 p.m., G-7 Anabel Taylor; Celebration, Fridays, 7:30 p.m., 401 Thurston Ave. Call Rev. Barbara Heck, 255-4224, for information.

Seventh-Day Adventist
 Student association, Fridays, 7:15 p.m., 314 Anabel Taylor Hall.

Ten Buddhism
 Zen practice Tuesdays 6:45 p.m. and Thursdays 4:30 p.m. in Anabel Taylor Chapel. For more information or to arrange beginner's instruction, call Jon Warland at 272-0235.

SEMINARS

Applied Mathematics
 "Parallel Constraint Distribution," Michael Ferris, University of Wisconsin, Madison, March 8, 2:30 p.m., 708 ETC Building.
 "Strongly Interacting Traveling Waves and Quasiperiodic Dynamics in Porous Medium Convection," Mike Graham, chemical engineering, March 13, 12:20 p.m., 421 Sage Hall.

Astronomy
 "Solar Coronal Heating by Magnetic Fields," Ravindra Sudan, applied and engineering physics, March 7, 4:30 p.m., 105 Space Sciences Building.
 "Neutron Stars," Brian Linn, Stanford University, March 14, 4:30 p.m., 105 Space Sciences Building.

Biochemistry
 "Developmental Regulation of Globin Gene Expression," Gary Felsenfeld, March 8, 4 p.m., Large Conference Room, Biotechnology Building.

Physics
 "Electron Transfer within Cytochrome C: An Atom by Atom View," Atsuo Kuki, chemistry, March 13, 4:30 p.m., 700 Clark Hall.

Chemical Engineering
 "The Relationship of Molecular Structure and Morphology to the Properties of Thermotropic Copolyesters," Michael Jaffe, physicist-Celanese, March 12, 4:15 p.m., 245 Clark Hall.

Chemistry
 "Controlling Factors in Metal Film Morphology and Growth," Patricia Thiel, Iowa State University of Science & Technology, March 7, 4:40 p.m., 119 Baker Laboratory.
 "Laser Probing of Stereochemical Effects," Stephen Leone, University of Colorado, March 14, 4:40 p.m., 119 Baker Laboratory.

Ecology & Systematics
 "The Dynamics of Tropical Rain Forests," Stephen P. Hubbell, Princeton University, co-sponsored by natural resources and Program on Ecological and Computational Biology, March 14, 4:30 p.m., Morison Seminar Room, Corson/Mudd Hall.

Electrical Engineering
 "IBM's Recent Technology Announcements: Packaging Technology for System 390/300 Mainframe Computers," Rao Tummala, IBM fellow, IBM East, Fishkill, co-sponsored by mechanical and aerospace engineering and materials science and engineering, March 7, 4:30 p.m., 101 Phillips Hall.

Horticulture & Ornamental Horticulture
 "Good Perennial Garden Plants," Elizabeth

Sheldon, gardener and writer, March 7, 12:15 p.m., 404 Plant Science Building.

Fruit & Vegetable Science
 "New York's Onion Industry, Problems and Prospects," Roy Ellerbrock, March 7, 4:30 p.m., 404 Plant Science Building.
 "Post-harvest Changes in Cell Walls of Stone Fruits," Laurence Melton, March 14, 4:30 p.m., 404 Plant Science Building.

Jugatae
 "Testing Scenarios: The Phylogeny and Origin of Social Behavior in Wasps," James M. Carpenter, Harvard University, March 7, 4 p.m., Morison Room, Corson/Mudd Hall.
 "Interactive Effects of Temperature and Food Quality in Insect Herbivores and Their Insect Predators," Nancy Stamp, SUNY Binghamton, March 14, 4 p.m., Morison Room, Corson/Mudd Hall.

Mechanical & Aerospace Engineering
 Manufacturing Seminar: "Globalization of the Semiconductor Industry," Rick Dehmel, Intel Corp., March 14, 4:15 p.m., B-14 Hollister Hall.

Microbiology
 "Transduction of an Oxygen Signal in *Rhizobium meliloti* by a Heme-Containing Histidine Protein Kinase," Marie Gilles-Gonzalez, University of California, San Diego, March 7, 4 p.m., Conference Room, Biotechnology Building.

Natural Resources
 "Natural and Anthropogenic Causes of Red Spruce Decline in the Mountain Forests of the Northeast U.S.," Arthur H. Johnson, University of Pennsylvania, co-sponsored by Boyce Thompson Institute, March 11, 4 p.m., auditorium, Boyce Thompson Institute.

Neurobiology & Behavior
 "Current Understanding of Central Pattern Generators," Allen Selverston, University of California, San Diego, March 7, 12:30 p.m., Morison Seminar Room, Corson/Mudd Hall.

Pharmacology
 "Developmental Toxicity of TCDD and Related Compounds: Species Sensitivities and Differences," Linda Birnbaum, United States Environmental Protection Agency, Health Effects Research Laboratory, March 11, 4:30 p.m., G-3 Vet Research Tower.

Plant Pathology
 "Molecular Approaches to Control of Gem-iniviruses," Douglas P. Maxwell, University of Wisconsin, co-sponsored by the Biotechnology Program, March 12, 4:30 p.m., 404 Plant Science Building.
 "Molecular Approaches to Control of Gem-iniviruses," D.P. Maxwell, University of Wisconsin, March 13, 3 p.m., 133 Barton Laboratory, NYSAES, Geneva.

Population & Development Program
 "Population Change in the Wake of Agricultural Improvement: A District-level Analysis of India, 1961-1981," Steven Vosti, International Food Policy Research Institute, co-sponsored by International Institute for Food, Agriculture and Development and rural sociology, March 8, 3:30 p.m., 32 Warren Hall.

Psychology
 "The Role of Neurotrophic Agents in the Survival of Developing Neurons," Ron Oppenheim, Bowman Gray School of Medicine, Wake Forest University, March 8, 3:30 p.m., 202 Uris Hall.

Science, Technology & Society
 "Reality, Civility and the Making of Scientific Truth," Steve Shapin, University of California, San Diego, March 11, 12:15 p.m., 609 Clark Hall.

Stability, Transition & Turbulence
 "Lamellar Structures Based Turbulent Molecular Mixing Models for PDF Modelling of Turbulent Reactive Flows," Rodney Fox, Kansas State University, March 12, 12:30 p.m., 288 Grumman Hall.

Statistics
 "Confidence Intervals for Extrema in Random Linear Programs," John Kolassa, IBM T.J. Watson Research Center, March 7, 3:30 p.m., 117 Ives Hall.
 "Variance Functions: Basic Foundations and Developments," Shaul Bar-Lev, Buffalo University and Haifa University, March 13, 3:30 p.m., 100 Caldwell Hall.

Structural Engineering
 "Structural Dynamic Issues and Concepts for NASA's Future Space Mission," Charles Lawrence, NASA Lewis Research Center, March 14, 3:15 p.m., 110 Hollister Hall.

Textiles & Apparel
 "Rayon in Aerospace Products," Robert F.

Looney, North American Rayon, March 7, 317 Van Rensselaer Hall.

"A Domestic View of Apparel Manufacturing Technology," Henry Seesselberg, Fashion Institute of Technology, March 14, 317 Van Rensselaer Hall.

Theoretical & Applied Mechanics
 "Shear Stabilization of Capillary Breakup: Topological Change Suppressed," P. Steen, March 13, 4:30 p.m., 205 Thurston Hall.

SPORTS

Home contests only
Saturday, 3/9
 Men's Polo, Brookside, 8:15 p.m.

SYMPOSIUMS

Law School
 "Restructuring European Security: The Role of International Law," a symposium to be held on March 8 and 9 in the MacDonald Moot Courtroom of Myron Taylor Hall. "European Security Equilibrium - The Role of Bilateral Defense Agreements," a panel discussion, with participants Thomas Risse-Kappen, government, peace studies; Sean Murphy, U.S. Department of State; Gustav Schmidt, University of Rohr, Germany, 3 p.m. to 5 p.m. "Evaluating Post Cold War Security Systems," Jonathan Dean, arms-control adviser, Union of Concerned Scientist, 8 p.m., March 8. "The Future Post Cold War Security, The Relevance of Nuclear Proliferation and the Question of NATO's Future Role," with participants Henri Zipper, counselor, French Embassy; Larry Scheinman, government, peace studies; Jane Stometh, Georgetown Law School, 9:30 a.m. to 11:30 a.m.; "Does the Commission on Security and Cooperation in Europe Spell 'Stability' For Europe?" Erika Schlager, staff adviser, United States C.S.C.E., 11:45 a.m. to 12:45 p.m., March 9.

THEATER

Department of Theatre Arts
 Ann Carlson, choreographer/performance artist, will perform on March 8 at 8 p.m. in the Proscenium Theatre, Center for Theatre Arts. Carlson will perform "Sarah," the haunting portrait of a woman that juxtaposes the accoutrements of being female with the grace and charm of a whale. Tickets are \$8 and \$10. For more information call the Center for Theatre Arts Box Office, 254-ARTS.

MISC.

Activities related to Gulf war
 A crisis-support group for students will meet Wednesdays from 3:30 to 5 p.m. Call 255-5208 for further information and to join.

Christian Science Monitor
 The Christian Science Monitor Resource Files will be in Mann Library today (March 7), from 10 a.m. to 4 p.m. The files contain free up-to-the-minute newspaper articles on more than 150 topics to assist in research and studies. Also, free current copies of the Monitor will be available.

Cornell Europa Club
 Breakfast-discussion will be held on March 9, 11 a.m. to 1 p.m. in the North Room, Willard Straight Hall.

Cornell Information Technologies
 "Computer Presentation Tools for the Classroom," part of the Multimedia Seminar Series, will be held today (March 7), 12:30 p.m. to 2:30 p.m. in 100 Caldwell Hall. This seminar, with instructor Cynthia Frazier, will provide an overview of computer tools used throughout Cornell for classroom presentations. For more information, contact CIT Service HelpDesk, 212 Computing and Communications Center, or call 255-8990.

Cornell Ju-Jitsu Kai
 Kodenkan, Dan Zan Ryu Ju-Jitsu: the practice of self-protection with or without weapons, will be held Tuesdays and Thursdays from 7 to 9 p.m. and Saturdays, 12:30 to 3 p.m., in the wrestling room, Teagle Hall. For information, call Roy at 255-2088.

CUSLAR
 The Committee on U.S.-Latin American Relations will hold a business meeting and discuss recent events in Latin America, Mondays, 5:15 p.m., Commons Coffeehouse, Anabel Taylor Hall. For information, call 255-7293.

Dalai Lama Visit
 "An Introduction to the Dalai Lama and the Philosophy of Tibet," John McRae, Sidney Pibum and Avery Solomon, a workshop and discussion on the philosophy of the Dalai Lama and Tibetan Buddhism, March 11 at 4:15 p.m. in G-08 Uris Hall. This is the fourth in a series of discussions in preparation for the upcoming visit of the Dalai Lama March 25 to 27.

EarthYear 1990
 "Not in My Backyard," will be presented as part of an environmental documentary video series in conjunction with the Johnson Museum's environmental art exhibition, "New York Artists IX: Message to the Future," on March 13, 3:30 p.m., 6th Floor, Johnson Museum. Presented by the Cornell Greens, the video discusses "some of the more murky political issues, regarding disposal of radioactive waste and focuses on the first-time political activism of one (Nebraskan) farm woman."

International Students Programming Board
 International Week will continue with a panel discussion on "History and Future of Islamic Fundamentalism in the Context of the Gulf War," with faculty from history, Near Eastern studies and peace studies, on March 7 at 4:45 p.m., 120 Ives Hall. Other events will be held on March 8 and 9, including games, Bangladesh, Cyprus, Caribbean nights. For more information call, 255-4444.

Personal Education Workshops
 Topics include assertiveness; building self-esteem; building satisfying relationships; gay/bisexual, a men's support group; stress management; women, food and self-esteem; lesbian/bisexual, a women's support group; life planning and self-concept; support group for issues of sexual identity; support group for gay male relationships; chronic fatigue syndrome support group; issue of race among Hispanics; therapy group for lesbian, gay and bisexual persons. All groups are free and confidential. Sign up 9 a.m. to 4:30 p.m. in 103 Barnes Hall.

T'ai Chi Chuan
 Ancient Chinese exercise for health, relaxation, meditation and self-defense, Mondays and Thursdays from 5 to 6 p.m., Edwards Room, Anabel Taylor Hall. Wear loose, comfortable clothing and soft, flat shoes. Register at first class. Sponsored by CRESP. For information, call Kati Hanna at 272-3972 or 255-6486.

Tae Kwon Do
 Self-defense open to beginners of all ages. Women are strongly encouraged. Classes will be held Sundays, 7 to 8 p.m.; Monday through Thursday, 6 to 7 p.m. For more information, call Sandy at 255-7923 or 272-5766.

Women's Studies Program
 The Women's Studies Cafe, presented by the Women's Studies Program and the Office of Human Resources, invites anyone interested in women's issues, the Women's Studies Program, or just to meet other women to meet on March 8 from 4:30 to 6 p.m. in the faculty lounge of the Statler Hotel.

Writing Workshop
 Writing workshop walk-in service: free tutorial instruction in writing. Monday through Thursday, 3:30 to 5:30 p.m. and 7 to 10 p.m., 178 Rockefeller Hall; Sunday 2 to 8 p.m., 178 Rockefeller Hall; Sunday through Thursday, 10 p.m. to midnight, 340 Goldwin Smith Hall; Sunday through Thursday, 8 to 11 p.m., Clara Dickson Macintosh Computer Room; Sunday through Thursday, 8 to 11 p.m., First Floor-South, Noyes Center.

**No Chronicle
 March 21**

The Chronicle will not be published March 21 because of the spring recess. Calendar items that would have appeared in that issue will be included in the March 14 issue. The Chronicle will resume weekly publication March 28. Enjoy your break.

International Legal Studies Program prepares lawyers for global practice

For Mike Robinson, the most important lesson in three years of law school occurred last fall in Washington, D.C.

The 24-year-old was working for the U.S. State Department's Office of the Legal Adviser in Private International Law as part of a three-month externship in the Law School's International Legal Studies Program. His job was to draft a message and report to go to Congress on the Inter-American Convention on the Taking of Evidence Abroad. It was his job, alone.

"There were only two lawyers in the office, and they supervised my work. That's why it was a good experience," Robinson said. In addition to giving him sole responsibility for a significant task, he had the opportunity to work closely with State Department professionals.

But that was only the day-to-day nature of Robinson's externship. The high-point came one day when he attended a Congressional subcommittee meeting with the two lawyers in his office and observed them in action.

"It let me see how policy is made and how politics can override some legal reasoning. That was the biggest eye-opener. It brought reality to how law is made," he said.

Robinson is one of six dozen students connected with the Law School's International Legal Studies Program and one of some 15 completing a specialized degree in the field.

The Law School recently received an endowment of more than \$300,000 to support a variety of international activities, including research, fellowships for students and expenses for visiting faculty and scholars, according to Dean Russell Osgood. The endowment is particularly meant to support people from and programs for former Communist countries, but it is not limited to this purpose.

"This is a field that has been growing steadily. Law firms are opening offices abroad much more readily. Recently, there has been a particular push in Brussels, because of the increased business opportunities and integration of the European Economic Community," said John Barcelo III, the A. Robert Noll Professor of Law and director of international legal studies.

Cornell was the first American law school to establish a special degree in international law, created in 1948, and was one of the first to offer a broader international legal studies program, according to Barcelo. The program is designed to prepare students to deal with international aspects of private practice, government service and business.

It offers courses such as immigration and refugee law, international human-rights law, and international law and

the global environment. Students are encouraged to participate in international programs offered by Cornell colleges.

But the International Legal Studies Program also offers a framework of opportunities for students to learn in several ways that extend beyond the classroom. Externships like Robinson's was one. The Phillip C. Jessup International Law Moot Court Competition is another.

In a mock trial, a team of students argued a case this year about trade relations between two countries named Nicchia and Mercuria, aliases for Japan and the United States. Nicchia was flooding the Mercuria market with electric cars, while keeping Mercurian electric cars out of their own market. To correct the imbalance, the Mercurians imposed restrictions on the imports and found the Nicchians in violation of the anti-trust laws.

"The main benefit of the moot-court experience is you are able to stand up and talk as if you are representing another country in front of the World Court," said Robinson, one of four students who participated this year. It also helps students learn about an issue in more detail than they do in class, because the focus is on one issue, he said.

But perhaps the most popular activity sponsored by the International Legal Studies Program is something else, altogether: the Cornell International Law Journal.

Some 45 students are on the journal staff this year. Their task is to review some 200 article submissions from lawyers, professors and members of Congress; select two to five to publish; research and verify all footnotes and sources; edit the copy and work with the authors; and publish three issues that go to 1,100 subscribers in 45 countries. The students also have the opportunity to write 30- to 80-page legal notes, or papers, on current international topics that are published in the journal.

What journal students consider their biggest success, however, is their annual organization of an international law symposium. This 1991 symposium will be held Friday and Saturday, March 8 and 9, on "Restructuring European Security: The Role of International Law." (See the Symposia listing on Page 5 for more information.) One journal issue each year is devoted to papers delivered at the symposium.

While many of these students have plans outside the international field, they say there are three good reasons for being on the journal staff. "When employers come to campus," said Editor in Chief Paul Callister, "they put up a sign saying who they want to see, and it usually says the top 30 percent of the class, those with moot-court experience and



Peter Morena

Paul Callister, International Law Journal editor.

those on a journal."

But what Callister and symposium organizer and third-year student Melissa Crane say they have learned the most from is the opportunity to write a legal note.

"It is a personal achievement," Crane said, particularly because it is edited four times by peers, giving the students a chance to complete something of a higher quality than could be accomplished in a class.

A third benefit has been having an interest kindled in international law. The journal experience has even prompted Callister, who has had long-standing plans to practice estate planning in his family's firm, to think twice about his career choice.

"I have found this whole experience so interesting that I've often wondered whether I wanted to choose an alternate field, such as foreign service. International law offers so many opportunities," he said.

—Lisa Bennett

International center *continued from page 1*

more linked to the mixed character of Cornell as a land-grant university that has a mandate to work for the economic and physical welfare of people in all nations," said Davydd J. Greenwood, director of the center and a professor of anthropology and international studies.

Einaudi also argued that international studies should be linked to domestic affairs. He saw international studies as "an integral component in the education of our children and an element in our attempts to solve domestic problems," Greenwood said.

Einaudi, the Goldwin Smith Professor Emeritus of Government, joined Cornell's faculty in 1945. He and his wife had left their fascist-ruled homeland in 1933. In 1943, he began teaching at Cornell one day a week, commuting by night train from New York City to Ithaca.

His first assignment at Cornell was to help prepare future allied military and government personnel for service in Europe after the war ended, instructing them on the history and operation of European governments.

"From that beginning, Einaudi became one of the most distinguished political scientists Cornell has ever had on its faculty and the architect of much of the excellence this university has in political science and international studies," Greenwood said, adding:

"His breadth of interests, love of teaching, passion for debate, demands for an ethical political culture and the fineness of his friendship are known to all who spend time with him."

Starting with a \$3.25 million grant from the Ford Foundation in 1962, Einaudi has raised more than \$11 million to fund and endow Cornell's international-studies center.

The center provides logistical and administrative support for many of Cornell's international programs. A partial list of programs includes East, Southeast and South Asia Programs; Latin American Studies; Western Societies; and Soviet and East European Studies.

Also included are many of Cornell's international development programs, international legal studies and peace studies.

The Einaudi name is traced through the political and intellectual life of 20th century

Europe and America.

Luigi Einaudi, Mario's father, was a distinguished economist who taught at the University of Turin. During World War II, the elder Einaudi went into exile in Switzerland. He was recalled to Italy at the end of the war and became governor of the Bank of Italy and later vice premier and minister of the budget.

In 1948, he was elected first president of the new democratic Italian Republic.

During his lifetime, Luigi Einaudi collected about 70,000 volumes in economics and history. At his death in 1961, his family donated these books to the Luigi Einaudi Foundation in Turin. The widely-used library now contains nearly 200,000 titles.

The Einaudi Foundation, which Mario has headed for most of its history, awards about 20 fellowships a year to post-doctoral students.

Mario Einaudi led in the establishment at Cornell of the Luigi Einaudi Professorship in European and International Studies, jointly funded by the Italian government, private Italian donors and Cornell.

Einaudi and his wife, Manon, who died last October at the age of 86 in Italy, are the parents of three sons who are continuing the

family tradition of public service.

They are Luigi, the U.S. ambassador to the Organization of American States; Marco, a professor of geology at Stanford University; and Roberto, an architect who now directs Cornell's Rome Program of the Department of Architecture, which helps some 80 undergraduates a year to work amid masterworks of Western art and archi-

ecture.

Mario Einaudi has made a gift of most of his books to Cornell. By spring, he expects to settle down on the farm where he was born in Dogliani, Italy.

"But I am not closing out my life in America," he said. "I know that I will be back in November."

—Albert E. Koff

Grant honors Einaudi's wife

A new graduate-student grant has been established here to honor the memory of Mario Einaudi's wife, who died last year.

The Manon Michels Einaudi Travel Grant is available to graduate students for summer research on modern European art and architecture, art history, philosophy and culture.

A painter who studied in Turin, Paris and Poland from 1922 to 1932, Manon Einaudi died last Oct. 27 at the age of 86 in Italy. She was buried at the church in which they were married in 1933.

The grant was announced as Cornell's Center for International Studies was renamed in honor of Mrs. Einaudi's husband, who joined the Cornell faculty in 1945 and founded its international studies center.

The newly named Mario Einaudi Center for International Studies and one of its programs, the Western Societies Program, established the Manon Einaudi Grant.

"An intensely private person, Manon Michels Einaudi was both a creator and transmitter of culture," a friend wrote. "Her painting was strongly influenced by impressionism, and one might wonder whether her focus on color was also meant to soften some of the harsher lines of reality."

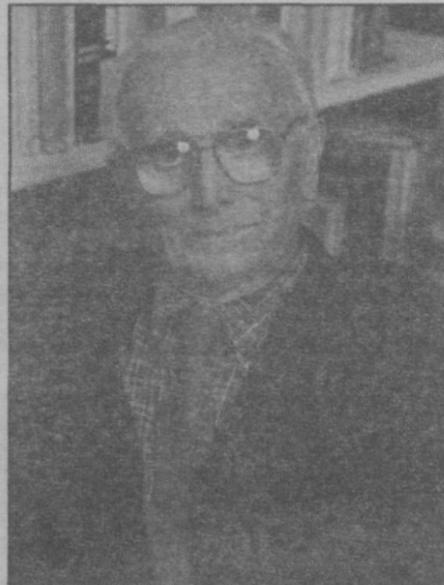
Recalling her efforts to support herself as an artist in the late 1920s and early 1930s, Manon Einaudi once told one of her sons: "Some of the best portraits I painted were bought mainly out of self-defense by the subjects. The warts were too obvious, and they didn't want to take the risk that I would exhibit the portraits for everyone to see."

After 1945, arthritis limited and then ended her ability to paint. But her interest in art continued, as did her interest in gar-

dening, in which she favored simple wild flowers; restoring orchards; and, with her husband, building a second home in the shadow of Mont Blanc in northern Italy. A friend commented that she died "after spending a lovely autumn morning admiring the artistic and architectural treasures of the ancient Italian city of San Gimignano."

Her father, Robert Michels, a renowned political scientist and sociologist, left Germany with his family when she was a child because "his free spirit could not be reconciled with the harshness of Prussian culture," a friend recalled.

—Albert E. Koff



Claude Level

Mario Einaudi



Manon Einaudi in a 1927 self-portrait.

Computer model challenges Einstein's relativity theory

By using a supercomputer to explore gravitational collapse, two Cornell physicists have discovered circumstances in which Einstein's general theory of relativity apparently breaks down.

Specifically, their computer simulation of Einstein's theory reveals that if a gigantic cloud of particles shaped like an elongated football — large in the middle and pointed at either end — gravitationally collapses on itself, the regions near the end points will abruptly skyrocket in density as they shrink to thin needles. The needles evolve into "naked singularities" — where physical quantities like matter density and gravitational force blow up to infinity.

The scientists do not believe that such exotic objects actually exist in outer space. The fact that they are predicted by general relativity theory, rather, represents a flaw in the theory, they say.

The researchers, Stuart Shapiro and Saul Teukolsky, published a preliminary paper on their research in the Feb. 25 *Physical Review Letters*, and a more complete account has been submitted to the journal *Science*. Shapiro and Teukolsky are both professors of astronomy and of physics.

Einstein's theory, which describes how matter warps space and time to produce gravity, is fundamental to physics. The theory is used to explain phenomena ranging from the Big Bang that triggered the birth of the universe to the bending of light by the gravitational fields of stars.

"These results don't necessarily call all aspects of the basic theory into question," said Teukolsky. At the very least, he said, the use of general relativity may have to be restricted to avoid the appearance of naked singularities.

Said Shapiro, "Unlike black holes, naked singularities cannot really exist, so if the theory says they exist, something's wrong with the theory."

Until the Cornell findings, physicists had hypothesized that singularities would never appear "naked," but would always remain "clothed," in black holes. Black holes are

regions in space where the gravitational force is so strong that no matter or energy, not even light, can escape.

Thus, since nothing inside a black hole can "communicate" with the rest of the universe, singularities inside black holes would be unable to disturb the behavior of the external universe. This "Cosmic Censorship Hypothesis" was first advanced by Oxford University physicist Roger Penrose in 1969.

"In some sense, this clothing of naked singularities allowed physicists to postpone thinking about whatever adjustments they had to make to general relativity to prevent singularities," said Teukolsky. The Cornell model points clearly to serious difficulties with cosmic censorship and general relativity, he said.

However, Shapiro cautioned that "right now, we've got some very strong evidence that casts doubt on the validity of cosmic censorship, but we're definitely not at the point where we have absolute proof." Further calculations will be needed, he said, to corroborate these findings.

The Cornell scientists have concentrated on highly asymmetric conglomerations shaped like needles and pancakes to probe cosmic censorship. These are the most difficult configurations to treat mathematically and require a supercomputer for investigation, said the two scientists.

Shapiro and Teukolsky took three years to develop and test their supercomputer model, which consists of some 10,000 lines of computer code. The model runs on an IBM ES/3090 600J supercomputer at the Cornell National Supercomputer Facility (CNSF). A typical run of the model takes up to 24 hours on one processor of the six-processor computer.

The Cornell model treats particles as if they were collisionless, that is, that they consist of matter that interacts only through gravitational forces. Such behavior is not totally unrealistic, point out the scientists. Stars in galaxies behave as collisionless particles. Because the stars take up such a tiny amount of space in galaxies, two galax-



Peter Morenus

Professors Saul Teukolsky (left) and Stuart Shapiro with a computer graphic showing an aspect of gravitational collapse.

ies can pass through each another with almost no chance of direct stellar collision.

The appearance of needle singularities in their simulations of collapse was not totally unexpected, said the Cornell scientists. They already knew that needle formation caused the breakdown of Newton's theory of gravity. However, researchers in the field knew little about asymmetric collapse and general relativity.

Caltech physicist Kip Thorne conjectured in 1972 that black holes would form, but only if the matter collapsed to a region of very small size in every direction. Thorne envisioned being able to pass an imaginary hoop of small size all around the matter as a test for forming a black hole.

This so-called "Hoop Conjecture" is apparently borne out by the Cornell simulations. A sufficiently long needle cannot be enclosed within a hoop small enough to sat-

isfy Thorne's criterion. Therefore, when a big football-shaped cloud collapses to form needles, said the Cornell scientists, the resulting singularity cannot be hidden inside a black hole — it is naked.

Shapiro and Teukolsky now plan to extend their calculations to determine whether other configurations make naked singularities as well. For example, they will determine whether the collapse of objects is affected by rotation or by the type of matter undergoing collapse. But whatever they find, their results to date already pose a serious challenge to general relativity, say the two researchers.

The Cornell research is supported by the National Science Foundation. The CNSF, part of Cornell's Theory Center, is supported by the NSF, New York state and corporations, including IBM Corp.

—Dennis Meredith

Metallic-hydrogen claims disputed by CU researchers

Scientists who presented evidence last year that they had transformed hydrogen into a metal by squeezing the gas at ultra-high pressures were probably observing contaminating aluminum created by a chemical reaction in the sample chamber, according to Cornell researchers.

In the Feb. 11 issue of *Physical Review Letters*, materials scientists Arthur Ruoff and Craig Vanderborgh presented evidence questioning the conclusions of a 1990 article in that journal by David Mao and colleagues at the Carnegie Institution of Washington. In that article, the Carnegie researchers reported results which they interpret as evidence of metallization in hydrogen samples squeezed above pressures of 1.49 megabars. A megabar is about 1 million times sea-level atmospheric pressure.

The Carnegie scientists reported observing a reflectivity of 5 percent in the infrared, which they interpret as characteristic of metal in the pressured hydrogen sample. For comparison, a clean silver surface would give essentially a 100 percent reflectivity in the infrared.

Also inside the sample chamber in the Carnegie experiments was ruby powder. The fluorescence of ruby powder — or aluminum oxide with about 0.5 percent chromium — is commonly used as a secondary measure of ultrahigh pressures, "but in the Carnegie experiments, the scientists had purposefully added a lot more ruby powder to eliminate 'fringes' in their optical output pattern," said Ruoff.

According to Ruoff and Vanderborgh, aluminum oxide and hydrogen would react at those pressures to produce aluminum metal, which would coat the ruby particles.

"When I saw their results, I realized that since there was a lot of contaminating aluminum oxide in that chamber and since hydrogen is a strong reducing agent, that there was a chance of a reaction at high pressure," said Ruoff.

After exploring possible chemical reactions, Ruoff and Vanderborgh concluded that the reaction to form metal aluminum

and aluminum oxide hydroxide had a very strong tendency to proceed under the influence of the extremely high pressures. Thermodynamic calculations showed that pressures above about 1.36 megabars would push the reaction between aluminum oxide and hydrogen toward forming aluminum metal, said Ruoff.

Such a ruby-hydrogen sample would have also misleadingly shown the characteristic electrical conductivity expected of hydrogen metal, because the aluminum-coated ruby particles would give a conductive aggregate, said the Cornell scientists. However, the Carnegie scientists studied only the reflectivity of the samples in the experiments reported last year.

The Carnegie scientists use a device known as a diamond anvil cell to achieve the high pressures. The device consists of a pair of brilliant-cut diamonds chosen for their crystal perfection, each with a minuscule flat area polished off its tip. The diamonds are mounted tip-to-tip, and a tiny steel gasket with a hole drilled in the middle is placed between them. The substance to be tested is added to the hole and the diamonds are mounted within a powerful vice and clamped together with screws.

"This example of one ultrahigh pressure chemical reaction really opens the door to the whole subject of ultrahigh pressure chemistry," said Ruoff. "It brings up such questions as whether hydrogen at ultrahigh pressures goes into diamond as tiny hydrogen atoms and greatly changes the properties of the diamond." Such properties might include the diamond's optical absorption or mechanical properties, said Ruoff.

"Also, does hydrogen go into the ruby and react with the chromium ion to change the pressure scale?" he asked.

Ruoff noted that when he produced metallic oxygen at high pressures in previous experiments, the oxygen reacted continuously at room temperatures with the stainless steel apparatus, while it did not do so at atmospheric pressure.

—Dennis Meredith

By design



Charles Harrington

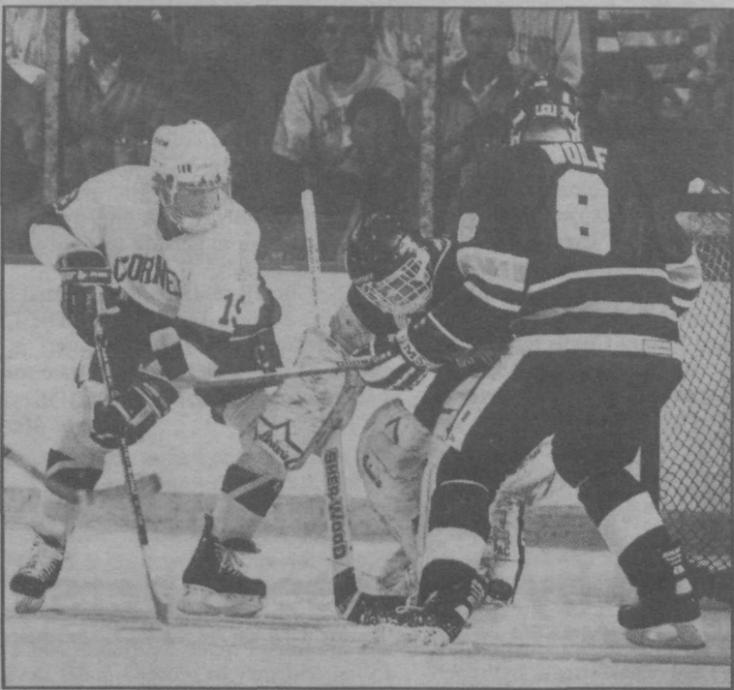
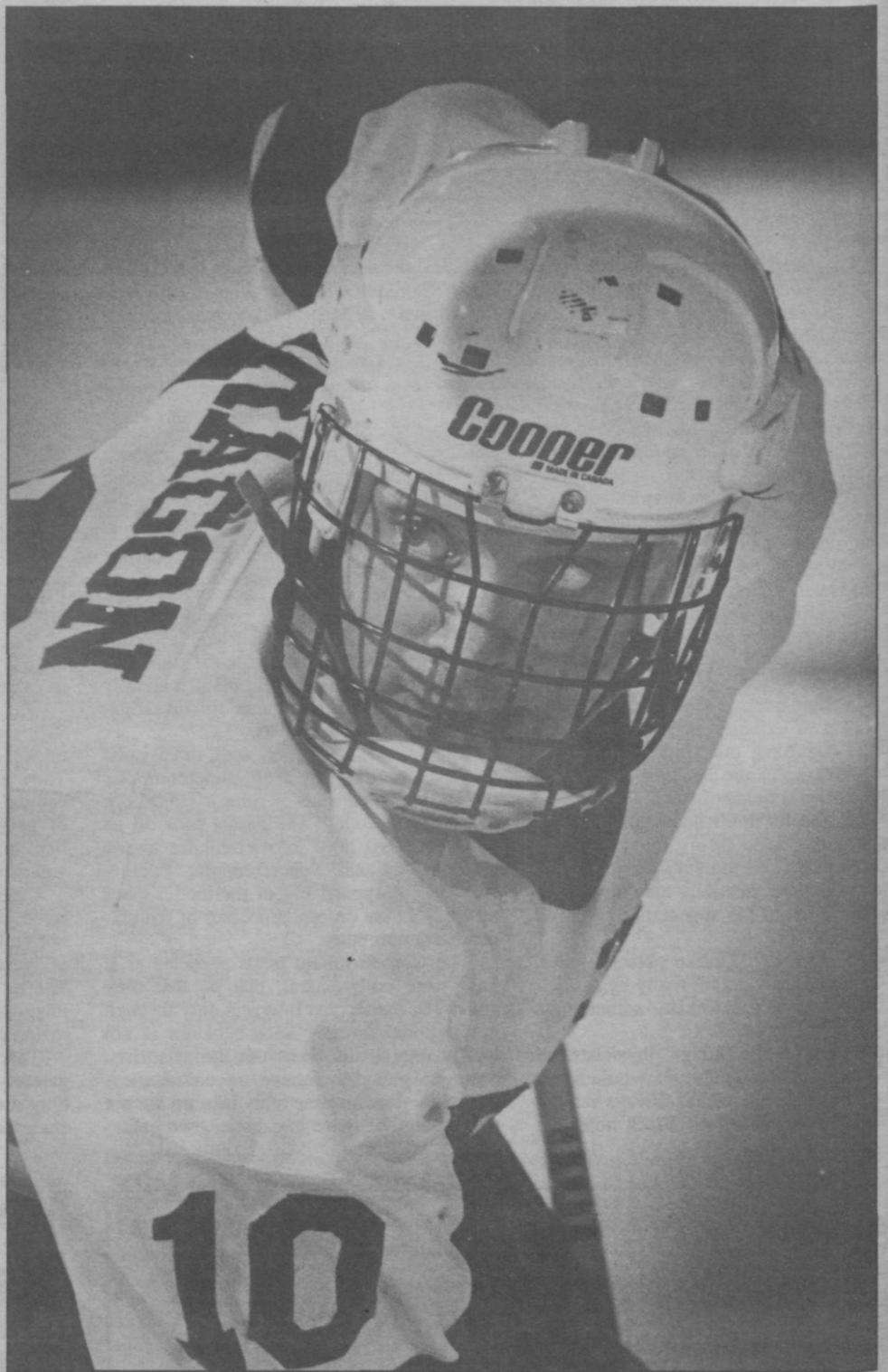
Architecture Professor Jerry A. Wells makes a point to third-year architecture student Ellen Ho during a class in Sibley Hall.

On to Boston!

Senior winger Trent Andison takes a shot at the Colgate goal (below) on his way to scoring five goals and three assists during Cornell's playoff thrashing of the Red Raiders last weekend, 10-3 and 8-1. Junior center Joe Dragon prepares for a face-off (right), while the Big Red crowd around senior goalie Jim Crozier in celebration (below), before heading to Boston for this weekend's ECAC playoffs.

Saturday's semifinal game against St. Lawrence will be telecast live, beginning at 5 p.m., on American Community Cablevision Channel 7, in cooperation with the Cornell Sports Network and the New England Sports Network. If Cornell wins, it will play for the ECAC championship Sunday at 8 p.m., also on Channel 7. Radio coverage on the Cornell Sports Network will begin at 4:45 p.m. Saturday and 7:45 p.m. Sunday on Ithaca station WQNY, 103.7 FM.

Photographs by
Chris Hildreth



CORNELL EMPLOYMENT NEWS

Including Job Opportunities

Volume 3, Number 8

March 7, 1991

Job Interviewing: Questions the Interviewer May Not Ask

Last week *Cornell Employment News* discussed the questions that are often asked during a job interview, and suggested ways of preparing to answer them. There are also a number of questions that are unlawful to ask during a job interview. In general, interviewers should avoid asking any questions that either directly or indirectly address the applicant's preference, limitation, or discriminatory ideas regarding race, religion, color, national origin, sex, age, disability, or marital status. Interviewing questions should be related to performance on the job. The following lists those pre-employment inquiries that are lawful and unlawful in New York State. These laws apply to recruitment, hiring, transfer, and the promotion of employees. If you have questions on any of these issues, you are welcome to call the Office of Equal Opportunity (5-3976) or Staffing Services (5-5226).

The New York State Human Rights Law prohibits pre-employment and certain other inquiries as to race, creed, color, national origin, sex, age, disability, marital status or arrest records unless based upon a *bona fide* occupational qualification or other exception. "No person shall be denied the equal protection of the laws of this State or any subdivision thereof. No person shall, because of race, color, creed or religion, be subjected to any discrimination in his civil rights by any other person or by any firm, corporation, or institution, or by the State or any agency or subdivision of the State." (New York Constitution, Article I, Section II.)

Subject	Lawful Inquiry	Unlawful Inquiry
Race		Complexion, color of skin, coloring.
Religion or creed		Religious denomination, religious affiliations, parish or church, religious holidays observed. Applicant may not be told "This is a [Catholic, Protestant, Jewish] organization."
National origin		Lineage, ancestry, national origin, descent, parentage, nationality. Nationality of applicant's parents, spouse.
Sex		Inquiry as to gender.
Marital status	You may ask whether the applicant has any commitments that preclude him/her from meeting job schedules. If such questions are routinely asked, they must be asked of both sexes.	Do you wish to be addressed as Miss? Mrs.? Ms.? Are you married? Single? Divorced? Separated? Name or other information about spouse.
Birth control		Capacity to reproduce, advocacy of any form of birth control or family planning.
Age	Are you 18 years of age or older; if not, state your age.	How old are you? What is your birth date? What are the ages of your children? Inquiries designed to discover age, such as "What year did you graduate?"
Disability	* See below	Do you have a disability? Do you have any impairments, physical, mental or medical, which would interfere with reasonable job performance? Have you ever been treated for any of the following diseases...? Do you have now or have you had a drug or alcohol problem? If there are any positions or duties for which you should not be considered because of a physical, mental or medical disability, please describe.
Arrest record	Have you ever been convicted of a crime? (Give details.)	Have you ever been arrested?
Name	Have you ever worked for this institution under a different name? Is additional information relative to name change, assumed name or nickname necessary to enable a check on your work record? If so, explain.	Original name of applicant whose name has been changed by court order or otherwise? Maiden name of married woman. If you have ever worked under another name, state name and dates.
Address or duration of residence.	Place of residence. How long a resident of this state or city?	
Birth place and date		Birth place, or birth place of spouse or other relative. Requirement to submit birth certificate, naturalization or baptismal records.
Photograph		Requirement or option to affix photo to employment form at any time before hiring.
Citizenship	You may tell applicant that proof of citizenship or a permanent immigration visa will be required at time of employment.	Requirement to produce naturalization papers or first papers. Of what country are you a citizen? Naturalized or native-born? Date citizenship acquired? Are parents, spouse, naturalized or native-born citizens of this country? Date citizenship acquired?
Language	Language(s) spoken or written fluently, when position requires such ability.	What is your native language? How did you acquire your ability to read, write or speak a foreign language?
Education	Academic, vocational, professional education, public and private schools attended.	
Experience	Work experience.	
Relatives	Name(s) of relative(s) already employed by this institution.	Number, names, addresses, ages of spouse, children, relatives not employed here. Name and address of person to be notified in case of accident or emergency.
Military experience in United States	Experience in United States Armed Forces or State Militia. Service in a particular branch, e.g., Army, Navy. Did you receive a dishonorable discharge?	Experience other than in the United States Armed Forces or State Militia. Did you receive a discharge in other than honorable circumstances?
Driver's license	Do you possess a valid N.Y.S. driver's license?	Requirement to produce a driver's license.
Organizations	Membership in organizations specified by applicant to be relevant to his/her ability to perform the job.	List all clubs, societies, lodges to which you belong.

* According to the New York State Division of Human Rights, while an employer may lawfully inquire whether an applicant can perform specific tasks necessary in the position for which the person has applied, an employer may not ask whether an applicant has a disability or has been treated for specific diseases.

How to File a Select Benefits Medical Reimbursement Claim (reprint from 2/28/91 CEN)

You've gone to your doctor/dentist and have charges for medical/dental/vision care. Some of the expenses are covered by your medical or dental plan, but you're responsible for the rest. You're participating in a Select Benefits Medical Reimbursement account for 1991 to help with these "out-of-pocket" expenses. How do you file a claim?

First you'll need a claim form. You can get a claim form by calling or stopping into your Employee Benefits Office. Each time you submit a claim for reimbursement, you will receive a claim form with your reimbursement check.

Eligible expenses under your medical or dental plan must first be submitted to your insurance carrier. You will receive an "explanation of benefits" statement telling how much has been reimbursed for each submitted expense or which expenses are not covered. Attach a copy of the "explanation of benefits" statement to a pink Select Benefits Medical Reimbursement Claim Form and send or drop off the packet at Employee Benefits, 130 Day Hall (endowed employees) or Statutory

Employee Benefits, B-22 Mann Library (statutory employees). You do not need to include itemized copies of the bills if the "explanation of benefits" statement is submitted.

For expenses not eligible under your health plan (such as eyeglasses and routine eye exams), submit a copy of the itemized bill as proof of payment with your Select Benefits claim form. This procedure can also be used for dental expenses not covered by your health or dental plan.

However, if you have dental charges that are eligible under your health or dental plan, these expenses must be submitted to your insurance carrier first. (For example, endowed employees should submit charges for the removal of impacted unerupted wisdom teeth to the 80/20 Health Care Plan.) When you receive your explanation of benefits statement from the insurance carrier, you can then submit it with a pink Select Benefits Medical Reimbursement Claim Form.

Claims are processed every two weeks, and cutoff dates for submitting a claim are shown in the schedule listed below.

03/15/91	04/12/91
03/29/91	04/26/91

You should receive your Select Benefits reimbursement check at your home address approximately two weeks from the last cutoff date, providing we have received your claim form in time to meet the deadline.

When filing a Select Benefits claim, keep in mind that federal regulations require documentation as proof that an expense has not previously been reimbursed.

If you have any questions about Select Benefits claim filing, please contact Donna Bugliari or Pat Cooke in the Endowed Benefits Office at 255-3936, or Midge Kelsey in the Statutory Benefits Office at 255-4455.

JOB OPPORTUNITIES

March 7, 1991

Volume 3, Number 8

THE UNIVERSITY, IN RESPONSE TO THE NEW YORK STATE BUDGET REDUCTIONS, is recruiting only for those vacant positions considered to be essential to the operation of the university. We continue to encourage, accept, and refer applications from Cornell employees and from external applicants for these positions unless noted otherwise in the individual listing. When qualified laid off employees are available for a particular vacancy, they will be given first consideration for that position.

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.

All external candidates must have a completed signed employment application on file with Staffing before they can be interviewed for a position.

Submit a resume and cover letter for each position, specifying the job title, department & job number. Employees should include an Employee Transfer Application.

Systems Programmer/Analyst III (PT5606) Level 34 Information Technologies-Endowed

Posting Date: 3/7/91
 Provide high level of support for workstation system software and hardware with a focus on DOS-based machines (PCs). Install, modify, maintain, document system software and related software such as windowing environments (MS-Windows, DESQview, X), terminal emulators, anti-virus packages and other utility software. Test and evaluate CPU and peripheral hardware. Integrate PCs with other systems. Analyze system requirements and recommend hardware/software solutions. Assist users in identifying and resolving problems. Possibly work with other platforms (FMac, UNIX).

Requirements: 3-5 years of experience working with PC system software and hardware. Good technical background in DOS and related system software is essential. Familiarity with both Micro Channel and AT-bus PC systems. Strong knowledge of at least one high-level language (basic, C, Pascal). Experience with Macintosh computers and/or UNIX workstations a plus. Excellent oral and written communications skills. Send cover letter and resume to Sam Weeks.

Technical Consultant III (PT5406) Level 34 National Engineering Education Coalition-Endowed

Posting Date: 2/21/91
 Serve as technical advisor to the Chair of the Coalition Subcommittee on Technical Communications and when needed to all Coalition schools. Evaluate and assess the Coalition's communication needs for the purposes of conferencing, coordinated teaching and exchange of computer-based information. Develop a 5 year coordinated, staged development plan resulting in a comprehensive communications system. Install, test and maintain the system and provide user training.

Requirements: Bachelor's in engineering or computer science or equivalent. Minimum of 3 years related experience. Knowledge of wide range of hardware, software, and communication and multimedia technologies desired (including computer networking, FAX, audio/video conferencing, satellite up/down link, etc.). Experience in education/training. Good communication skills. Send cover letter and resume to Sam Weeks.

Application Programmer/Analyst II (PT5502) Level 33 Financial Systems Development-Endowed

Posting Date: 2/28/91
 Design, develop, modify and document straight forward applications systems software supporting a major administrative system. Analyze functional and performance requirements and develop software improvements in usability and efficiency. Diagnose problems in production system software and make emergency repairs. Write production procedure, JCL and user manuals. Provide users with conceptual and technical help. Maintain a working knowledge of two major commercial programming languages.

Requirements: Bachelor's or equivalent with computer courses. Knowledge of at least 2 languages: PL/1, NATURAL, COBOL. Knowledge of applications for interactive and batch administrative systems, database management systems, machine architecture, system utility programs, and VM/CMS. Send cover letter and resume to Sam Weeks.

Applications Programmer Analyst II (PT5405) Level 33 Campus Life Computing-Endowed

Posting Date: 2/21/91
 Work with University Health Services half-time to develop, maintain, and document MUMPS applications. The re-

maining time, work with other Campus Life and Student Services departments to design, develop, install, modify, maintain and document approved applications on micros, minis and the mainframe computers. Diagnose hardware/software problems. Repair or arrange for repairs for equipment. Apply fixes and upgrades to software. Assist users with conceptual and technical information. Write production procedure, JCL, and user manuals. Maintain a working knowledge of two major commercial programming languages.

Requirements: Bachelor's or equivalent with computer related courses. 1-3 years related experience. Working knowledge of applications for batch and/or interactive systems; operating systems and software for PC and Mac computers. At least two programming languages: PL/1, Natural, COBOL, PASCAL, BASIC. MUMPS experience helpful. Send cover letter and resume to Sam Weeks.

Area Supervisor (PT5006) Level 33 CIT/Network Resources-Endowed

Posting Date: 1/24/91
 Supervise the Network Operations center which is open 24 hours/day and 7 days/week. Advise on technical and procedural matters. Provide documentation on policies and procedures. Coordinate operational and maintenance activities within CIT and with Cornell departments and regional, national and international network facilities.

Requirements: Associate's in associated field or equivalent experience and/or relevant course work. Bachelor's preferred. 2-3 years with networks and network software with emphasis on TCP/IP and UNIX environments. Supervisory experience and understanding of network architecture, protocols, operations, and management issues highly desired. Send cover letter & resume to Sam Weeks.

Applications Programmer/Analyst II (PT3809) Level 33 Mathematics-Endowed

Posting Date: 9/27/90
 Provide advanced Mac programming to a mathematics software development project in order to debug, enhance, and complete an existing interactive graphics program for dynamical systems (systems of differential equations) and to being a similar package for vector calculus.

Requirements: Bachelor's in mathematically-oriented discipline. 2-3 years experience in advanced programming on the Macintosh including object-oriented programming. Extensive background in Pascal. Send cover letter and resume to Sam Weeks.

Asst. Director of Executive Education (PA5602) HRII School of Hotel Administration-Endowed

Posting Date: 3/7/91
 Under general direction of the Assistant Dean, Executive Education, plan, develop, organize, publicize, market and sell, lead, and oversee delivery of all executive programs, general managers programs, professional development program, and customized programs for companies, associations, and other organizations, throughout the world. Provide oversight for organizational and financial success of programs. Supervise activities for those people involved in program delivery.

Requirements: Bachelor's required; hotel preferred, Masters may be advantageous. Minimum of 5-7 years hotel, or human resource development related experience. Knowledge of executive education principles and programs necessary. Public speaking, marketing, selling, and good interpersonal skills essential. Must be self-starter willing to sell program service. Send cover letter and resume to Cynthia Smithbower.

Acquisition Editor (PC5507) U000 University Press-Endowed

Posting Date: 2/28/91
 To acquire and develop a list of books in the social sciences, cultural studies, and/or the humanities.

Requirements: Bachelor's or equivalent. At least 2 years experience in publishing. Cornell employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, East Hill Plaza. External applicants send cover letter, resume to Esther Smith, Staffing Services, 160 Day Hall.

Custodial Services Manager (PC5613) HRI Buildings Care-Statutory

Posting Date: 3/7/91
 Responsible for custodial maintenance of a large complex

of buildings on campus. Supervises a staff of 30 or more custodians in a unionized work environment. Develops and maintains excellent working relationships with faculty, staff, and other departments. Manages an extensive equipment and supply inventory.

Requirements: Associate's in human relations, business administration, or substantial equivalent experience in a related field. Effective supervisory management experience (3-5 years) in a service organization is required. Strong interpersonal/organizational skills, and excellent communication skills (both written and verbal) are essential. Must be able to work under pressure managing multiple priorities. Excellent physical stamina is required as position involves walking several miles per day, climbing, and lifting. Pre-employment physical will be given. Regular Cornell employees send transfer application, cover letter and resume to Esther Smith, Staffing Services. External applicants send cover letter and resume to Esther Smith, Staffing Services, Day Hall.

Research Support Specialist II (PT5603) HRI Soil, Crop and Atmospheric Sciences-Statutory

Posting Date: 3/7/91
 Work with interdisciplinary team of researchers modeling the impact of climate change on crop production in U.S. Organize output files, analyze statistical and other data, gather, prepare and input information regarding U.S. soils and cropping systems into crop simulation models; prepare data for input; some computer programming using Pascal. 1 year position with possibility of extended funding.

Requirements: Bachelor's in Crop Science or related field; demonstrable experience in computer programming with background in agriculture, geography, natural resources or related fields. Send cover letter and resume to Sam Weeks.

Program Assistant (PA5601) HRI Dean of Students-Endowed

Posting Date: 3/7/91

Work directly with two assistant deans to oversee functions in off-campus housing area and write responses to an information and counseling column which is computer based. Both areas provide support for approximately 9,600 students. Term appointment until 6/30/92.

Requirements: Bachelor's or equivalent. 2-3 years experience in public relations, housing or marketing areas. Knowledge of off-campus housing needed. Computer knowledge very helpful. Strong organizational, interpersonal, written and oral communication skills. Ability to work under pressure with constant interruptions. Knowledge of Ithaca helpful. Send cover letter and resume to Cynthia Smithbower.

Residence Hall Director (PA5603) HRI Residence Life-Endowed

Posting Date: 3/7/91

Assumes primary program and related administrative duties for a residence hall unit for approximately 500 students. Supervises 8-12 undergraduate Resident Advisors and 1 Program Assistant. Full-time, live-in, twelve-month. Furnished apartment provided.

Requirements: Bachelor's required. Master's or equivalent preferred. Degree in Student Personnel, Human Services, Educational Administration desirable. Some experience in Residence life administration, program development, staff training and supervision preferred. Send cover letter and resume to Cynthia Smithbower.

Accountant I (PC5502) HRI Statler Hotel-Endowed

Posting Date: 2/28/91
 Serve as the primary representative of Statler Club's management to the membership; responsible for the financial reporting and maintenance of all Statler Club records. Assist in development of future Statler Club goals and programs through analysis of historical and current trends. Flexible nights and weekends.

Requirements: Associate's in accounting or business administration; a minimum of 3 years experience in financial management, preferably in service operation. Excellent communication (oral and written), computer and analytical skills. Regular Cornell employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, East Hill Plaza. External applicants send cover letter, resume to Esther Smith, Staffing Services, 160 Day Hall.

Public Affairs Assistant (PA5501) HRI Library Public Affairs and Development-Endowed

Posting Date: 2/28/91
 Coordinate mailings to Library friends, donors and university officials. Serve as primary liaison with CU publications staff, central development support services, and human relations. Prepare diverse gift correspondence. Assist in the planning and execution of events, publications and mailings, proposal and grant writing. Monitor events and initiatives of Library's leadership gift candidates. Some evening or weekend work required.

Requirements: Bachelor's or the equivalent. Strong writing, editing and proofreading skills. Excellent interpersonal and verbal communication skills. Mac software including database, spreadsheet and word processing programs. Knowledge of academic research libraries and experience with the Cornell community helpful. Prior experience in public affairs, community affairs or development work preferred. Send cover letter & resume to Cynthia Smithbower.

Research Support Specialist I (PT5404) HRI Microbiology, Immunology and Parasitology-Statutory

Posting Date: 2/21/91
 Perform independent research on the murine model system of brucellosis by designing protocols, doing experiments and evaluating data. Use such techniques as protein purifications; lymphocyte and microphage cell cultures; and lymphokine assays. Prepare and characterize bacteria antigens using pressure cell; ultra-centrifuge; gel filtration and ion exchange chromatography; and gel electrophoresis. Generate and maintain cell lines and clones. Perform data entry and analysis. Read & review literature.

Requirements: Bachelor's in microbiology or a related field such as biochemistry or cell biology or the equivalent. Master's desirable. 2-3 years relevant research lab experience. Well versed in cell culture techniques; protein fractionation techniques including gel electrophoresis; radioisotope use; and general bacteriology and immunology lab techniques. Send cover letter & resume to Sam Weeks.

Research Support Specialist (PT4301) HRI Food Science-Statutory

Posting Date: 11/1/90
 Provide specialized engineering support of research projects on processing of biomaterials in high pressure, supercritical fluid extraction systems. Optimize processes for the reduction of cholesterol and the fractionation of milk and fats. Duties include design and operation of the pilot plant; maintenance of equipment; data analysis; assistance to grad students in using the system; and preparation of reports and papers.

Requirements: Bachelor's in chemical/mechanical engineering (Master's desired) with 2-3 years experience. Send cover letter and resume to Sam Weeks.

Professional Temporary

Technical Consultant I (PT5303) Cornell Information Technologies-Endowed

Posting Date: 2/14/91
 Provide support for faculty, staff, students, and potential users by delivering technical information on five supported platforms (IBM-PC, IBM mainframe, Macintosh, VAX mainframe, and telecommunications). Resolve problems concerning the technical aspects of a diverse set of hardware and software applications. Direct clients to services within Cornell Information Technologies and facilitate back line consulting services. Provide support via service on the HelpDesk, group and individual contacts. Max 20 hrs pr wk.

Requirements: Bachelor's or equivalent. Course work in computer science, business, education preferred. 1-3 years of computing service delivery (consulting, instruction, or related client support services). Outstanding oral and written communication skills. Send cover letter and resume to Sam Weeks.

Professional Off-Campus

Executive Staff Assistant I (PC5605) HRI New York City Cooperative Extension-Statutory

Posting Date: 3/7/91

Provide administrative support to the new federally-funded, 5 year "Take Charge/Be Somebody" Project. Working closely with the Project Director to create and manage systems to expedite the workflow between at least 7 Community Partners and additional groups. Position until end of Grant.

Requirements: Bachelor's degree. 3-5 years administrative work experience. Valid driver's license. Project management experience strongly preferred. Writing, editing, researching, and communication skills. Wordprocessing and DBase systems including WordPerfect skills. Spanish/English a plus. Experience and comfort working in Bronx communities. Regular Cornell employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, East Hill Plaza. External applicants send cover letter and resume to Esther Smith, Staffing Services, 160 Day Hall.

Boyce Thompson Institute Greenhouse Assistant

Hiring Rate: Minimum \$6.20

Perform general greenhouse duties such as watering, planting, spraying, lifting, etc. Some weekend work required. Minimum of 20 hours per week.

Requirements: Associate's in horticulture or equivalent experience and NYS driver's license required. NYS pesticide applicator's license and a working knowledge of greenhouse operations would be helpful. Must be able to lift 50 pounds. Contact: Anne Zientik, Boyce Thompson Institute, 254-1239.

Editor Cornell Alumni News

Oversee publication of Cornell Alumni News, including editorial, design and production, and revitalization of its content and direction. Plan editorial content, assign coverage to staff and free-lancers, and supervise manuscript flow. The editor reports to the publishers. The Cornell Alumni News currently is published 10 times a year for 25,000 paid alumni subscribers. Approximately 80 pages of advertising are published each year. A staff of 10, plus free-lancers, provides editorial, production, circulation, and advertising functions. The annual budget is now at a level of \$750,000. The Cornell Alumni News is an independent publication. This is not a Cornell position.

Requirements: The position requires creativity, vision, and imagination; the management skills and drive to work independently; superb journalistic skills; the enthusiasm and ability to motivate staff in taking a new look at the magazine and making changes where necessary. The person filling the editor position must have 5-10 years of directly related work experience in the same or a closely related field. A Cornell graduate or someone who is intimately acquainted with the Cornell community preferred. Send cover letter and resume to Jack Krieger, Publisher, 245 Day Hall, Cornell University, Ithaca, NY 14853.

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; applicants with ASCP or AHT licenses are in particular demand.

All external candidates must have a completed signed employment application on file with Staffing before they can be interviewed for a position.

Submit a resume and cover letter for each position, specifying the job title, department and job number, to Sam Weeks, 160 Day Hall. Skill assessment check lists, available at the Day Hall office, are a valuable aid when applying for computer or laboratory related positions.

Technician, GR18 (T4506) Chemistry-Endowed Minimum Biweekly Salary: \$529.35 Posting Date: 11/29/90

Synthesize and analyze organic compounds to be used in tests of enzyme inhibition. Follow procedures to prepare desired chemical compounds. Carry out spectroscopic analysis. Perform library research, write reports, and give presentations.

Requirements: Associate's in chemistry or equivalent. Minimum of 1 year in an organic chemistry lab. Send cover letter and resume to Sam Weeks.

Technician, GR20 (T5605) Plant Breeding and Biometry-Statutory Minimum Biweekly Salary: \$575.30 Posting Date: 3/7/91

Perform biochemical and genetic analysis of tomato tissue. Performance of standard molecular techniques including preparation, electrophoresis and hybridization of nucleic acids. Operation of general lab equipment; maintenance of lab supplies; supervision of radiation work area.

Requirements: Bachelor's in a lab-oriented biological area plus experience. Master's desirable. Previous related lab experience and demonstrated ability to work independently desirable. Send cover letter and resume to Sam Weeks.

Technician, GR20 (T5401) Physiology-Statutory Minimum Biweekly Salary: \$575.30 Posting Date: 2/21/91

Participate in electrophysiological studies in isolated preparations of cardiac tissue. Handle research animals and obtain tissues. Prepare solutions, make electrodes, and perform pretest procedures. Operate electronic equipment: oscilloscope, amplifiers, stimulus isolators, thermocouple recorder. Perform general lab and equipment maintenance. Maintain supplies. Keep experimental records.

Requirements: Bachelor's in biology or chemistry or equivalent. 1-2 years related lab experience, including general lab procedures. Experience handling small animals from mice to dogs. Experience with electrophysiology and cardiac tissues helpful. Send cover letter and resume to Sam Weeks.

Machinist, GR22 (T5607) Lab of Nuclear-Endowed Minimum Biweekly Salary: \$641.92 Posting Date: 3/7/91

Set up and operate all basic machine shop equipment. Machine and assemble highly sophisticated experimental apparatus using height gauges, micrometers, verniers, lathes, mills, etc. Work form rough sketches and detailed drawings. Make form tools and simple drill fixtures. Maintain and make basic repairs to shop equipment.

Requirements: High School diploma or equivalent with minimum of 2 years of formal shop training. Must have the ability to apply shop math such as simple algebra and trigonometry to shop situations. Send cover letter and resume to Sam Weeks.

Electronics Technician, GR22 (T5002) CIT/Network Resources-Endowed Minimum Biweekly Salary: \$641.92 Posting Date: 1/24/91

Assemble, test, install and service terminal, microcomputer, network and data communications equipment. Assemble and install a variety of specialized cables. Perform first-level diagnostics and repairs. Diagnose backbone and local area network problems. Provide routine preventive

maintenance. Maintain inventories of supplies. Wed.-Sat., 11pm-9am, 3rd shift.

Requirements: Associate's in electronics or equivalent experience and/or coursework. 1-3 years in an electronics hardware environment. Understanding of data communications networks and hardware highly desirable. Experience diagnosing problems in a networking environment, especially TCP/IP, helpful. Strong interpersonal skill desirable. Send cover letter and resume to Sam Weeks.

Technician, GR24 (T5601) Veterinary Administration/Center for Advanced Imaging Technology-Statutory Minimum Biweekly Salary: \$682.77 Posting Date: 3/7/91

Assist in operation and maintenance of CAIT. Train, supervise and assist faculty, staff, students and visitors in techniques of scanning and transmission electron microscopy, specimen preparation including ultramicrotomy and preparation of high quality electron micrographs; assist in laboratory record keeping.

Requirements: Bachelor's or Associate's in Biological or Physical Sciences, technical/vocational school degree in light and electron microscopy. 5-10 years experience in optics, light and electron microscopy, photography and graphics, regular computer usage. Effective communication and management skills, excellent eye/hand coordination. Send cover letter and resume to Sam Weeks.

Technical Temporary

Service Technician, (T5301) Entomology-Statutory Hiring Rate: \$5.50-\$6.00 Posting Date: 2/14/91

Assist in research involving insect pest management of greenhouse and field crops. Count insects on plant material. Weigh specimens. Assist with experimental set up, data collection, and data entry. Duties to be split between two researchers.

Requirements: Bachelor's in a biological science, entomology, horticulture, agronomy or related areas (or equivalent). Some experience with Macintosh computers desirable. Send cover letter and resume to Sam Weeks.

Computer Electronics Technician, (T5204) Modern Languages and Linguistics-Endowed Posting Date: 2/7/91

Install and maintain computers and other electronics equipment. Working with a staff of student technicians, oversee the basic maintenance of all phonetics lab equipment including Sun, Mac, and IBM computers and speech analysis devices. Participate in equipment purchase decision. Maintain inventories. Assist staff and student users. 20 hours per week. \$8-10.00 an hour.

Requirements: Knowledge of computer repair and electronics essential. Must be familiar with UNIX and DOS operating systems and be able to install and maintain related software and hardware. Should be familiar with serial and parallel data transmission, digital signal processing, A/D-D/A hardware, networking, and recording equipment. Send cover letter and resume to Sam Weeks.

Technical Off-Campus

Orchard Worker, GR21 (T5602) Field Research Unit/Geneva-Statutory Minimum Biweekly Salary: \$599.73 Posting Date: 3/7/91

Assist in laying out & maintaining research plots. Assist in overall operation of approximately 300 acres of orchards & vineyards in fruit research programs. Work outdoors in all types of weather. Involves frequent bending & heavy lifting.

Requirements: Associate's of Arts in a relevant area of agriculture is highly desirable, otherwise a High School diploma plus relevant agricultural experience is acceptable. 1 year minimum experience in weed control, equipment operation, fruit tree pruning and grape pruning. Additional training will be provided. Valid Driver's license and pesticide applicator's license essential. Able to lift 100 pounds. Send cover letter and resume to Sam Weeks.

Technician, GR23 (T5604) Horticultural Sciences/Geneva-Statutory Minimum Biweekly Salary: \$651.82 Posting Date: 3/7/91

Assist in and at times take the lead in the planning, performance, analysis and interpretation of fruit crop physiological studies in the laboratory, controlled environments and field. Responsible for general maintenance of plant materials in the field and in pots, and for the general maintenance of the physiology lab and instruments. Work outdoors in all types of weather.

Requirements: Bachelor's in the Plant Sciences field (Master's Preferred) Plant Sciences field: Plant Physiology, Horticulture, Agronomy or related fields. Course work experience desired in plant physiology. Send cover letter and resume to Sam Weeks.

Office Professionals

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

All external candidates must have a completed signed employment application on file with Staffing before they can be interviewed for a position. Employee candidates should submit an employee transfer application and cover letter, if requested, for each position in which they are interested.

Submit a signed employment application and resume which will remain active for a period of four months. During this time, you will be considered for any appropriate openings for which you are competitively qualified. 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 EHP office. If you are currently available for employment, you may want to consider temporary opportunities at the university. Please contact Karen Raponi at 255-2192 for details.

Office Assistant, GR16 (C5602) University Health Services-Endowed Minimum Biweekly Salary: \$511.68 Posting Date: 3/7/91

Schedule appointments; direct patients to proper destination and answer questions in regard to the use of the Health Services.

Requirements: High School diploma or equivalent. Experience in a medical facility desirable. Nursing or medical background preferred. Must be able to work in high pressure atmosphere and be able to communicate with all patients on a one to one. Regular Cornell employees send transfer application, cover letter and resume to Esther Smith, Staffing Services, East Hill Plaza.

Senior Circulation/Reserve Assistant, GR18 (C5612) Access Services/Olin Library-Endowed Minimum Biweekly Salary: \$542.89 Posting Date: 3/7/91

Process reserve requests from other CUL units. Responsible for the recall and hold process which includes notifying patrons to return materials needed by other readers and notifying readers of available materials. Also responsible for working at the circulation desk. Monday-Thursday, 9:00 a.m.-6:00 p.m. Friday, 10:00 a.m.-6:00 p.m.

Requirements: Associate's or the equivalent. Organizational ability and an aptitude for detailed work. Ability to work effectively with a variety of people in public services setting. Strong interpersonal and communication skills. Experience with microcomputers. Light typing. Cornell employees send transfer application, cover letter and resume to Esther Smith, Staffing Services, East Hill Plaza. External applicants send cover letter and resume to Esther Smith, Staffing Services, 160 Day Hall.

Senior Records Assistant, GR18 (C5609) Catalog Management/CU Library-Endowed Minimum Biweekly Salary: \$542.89 Posting Date: 3/7/91

Revise and update machine-readable bibliographic and holdings records in the local database and on catalog cards. Search various on-line databases and card catalogs to verify information. Also responsible for bookmarking, plating, and security stripping materials. Position until 6/30/90. Monday-Friday, 39 hours.

Requirements: Associate's or the equivalent required. Ability to do detailed work accurately under pressure. Strong interpersonal skills. Must be dependable. Familiarity with foreign languages desired. Cornell employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, East Hill Plaza. External applicants send cover letter and resume to Esther Smith, Staffing Services, 160 Day Hall.

Secretary, GR18 (C5505) ILR/Human Resource Studies-Statutory Minimum Biweekly Salary: \$529.35 Posting Date: 2/28/91

Provide secretarial support for department faculty. Use computerized hardware and software to prepare correspondence, training materials, administrative memoranda, budgets, vouchers, etc. Make travel arrangements and appointments; process correspondence and handle mail; telephone contacts.

Requirements: High School diploma or equivalent, some college coursework preferred. 1-2 years office experience. PC experience, familiarity with wordprocessing software, graphic software and spreadsheets. Medium typing. Regular Cornell employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, East Hill Plaza.

Accounts Assistant, GR18 (C5506) Controller's/Accounting-Endowed Minimum Biweekly Salary: \$542.89 Posting Date: 2/28/91

Provide assistance in maintaining account records and generating payments; responsible for financial data entry into the accounting system; responsible for accurate inputting of large, continuous volume of data from a variety of input forms. Other duties as assigned.

Requirements: High School diploma or equivalent. Some college coursework preferred. Data entry certificate highly desirable. Experience with Cornell accounting procedures preferred. Able to work well with a variety of individuals. Pay attention to detail, work accurately while meeting a variety of deadlines. 1-2 years data entry experience. Heavy typing. Regular Cornell employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, East Hill Plaza.

Word Processing Operator, GR18 (C5509) University Development/Public Affairs-Endowed Minimum Biweekly Salary: \$542.89 Posting Date: 2/28/91

Provide word processing to produce mass mailings for the Development Office and Public Affairs. Utilize PC Wordperfect 5.1 primarily for merged letters and keyboard letters and other projects to carry out the functions of the Development Office and the University Campaign efforts.

Requirements: High School diploma or equivalent. Some college coursework preferred. 1-2 years wordprocessing experience. Knowledge of DOS and Wordperfect highly desirable. Computer network knowledge helpful. Ability to work under pressure and juggle priorities. Accuracy and proofreading skills desired. Heavy typing. Cornell employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, East Hill Plaza.

Office Assistant, GR18 (C5501) Center for International Studies-Endowed Minimum Biweekly Salary: \$542.89 Posting Date: 2/28/91

Represents CIS to the public by greeting people who visit CIS and by answering questions both in person and on the phone, schedule meetings, handle the calendars of both the Director and the Executive Director.

Requirements: High School diploma or equivalent education. 1 year experience and secretarial skills required. Must be able to operate IBM personal computer using software packages for word processing, mail system and calendar system. Medium typing. Regular Cornell employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, East Hill Plaza.

Office Assistant, GR18 (C3808) Summer Session-Endowed Minimum Biweekly Salary: \$542.89 Posting Date: 9/27/90

Provide administrative and secretarial support for the media services department of the division. Assist in producing and distributing marketing and publicity materials and keeping records of media department efforts and of their effectiveness. Provide secretarial support to the media manager and media assistant.

Requirements: High School diploma or equivalent. 1-2 years related experience. Excellent organizational and communication skills required. Ability to work under pressure and to meet deadlines. Familiar with advertising, publicity, and graphic design helpful. Knowledge of Macintosh computer and Microsoft Word, Pagemaker and Filemaker Plus software helpful. Valid NYS driver's license. Able to lift up to 40 pounds. Medium typing. Cornell employees Send employee transfer application, cover letter, resume, and 2 (short) writing samples to Esther Smith, Staffing Services, East Hill Plaza. External applicants send cover letter, resume and short writing samples to Esther Smith, Staffing Services, 160 Day Hall.

Office Assistant, GR18 (C3803) Veterinary Medical Teaching Hospital-Statutory Minimum Biweekly Salary: \$529.35 Posting Date: 9/27/90

Provide office support. Type financial and related materials; post financial transactions; provide phone/receptionist coverage; distribute various financial reports and billings; other related accounting office duties.

Requirements: High School diploma or equivalent. Wordprocessing/computer coursework desirable. Minimum 1-2 years office experience, preferably in a financial setting. Familiarity with use of personal computer required, particularly with Wordperfect and Lotus software applications. Strong communication skills. Excellent organizational abilities and attention to detail. Medium typing. Cornell employees only. Send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, EHP.

Accounts Assistant, GR18 (C5102) Unions and Activities/Cornell Cinema-Endowed Minimum Biweekly Salary: \$542.89 Posting Date: 1/31/91

Process all billings and maintain financial records for Cinema, Data entry; order materials; prepare mailings; type; file; receptionist support; make arrangements for visiting filmmakers, and oversee shipping of films.

Requirements: HS diploma or equivalent required. Some college coursework preferred. 1-2 years related accounting experience. Familiar with CU accounting procedures preferred. Word processing, general office skills required. Experience with DBase III Plus desired. Regular Cornell employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, East Hill Plaza. External applicants send cover letter and resume to Esther Smith, Staffing Services, 160 Day Hall.

Editorial Assistant, GR18 (C4913) University Press-Endowed Minimum Biweekly Salary: \$542.89 Posting Date: 1/17/91

Act as assistant to acquisitions editors. Responsible for acquisition, development and maintenance of several lists of scholarly books. Perform routine office duties. Extensive phone contact with authors, readers, and other departments of the Press. Monday - Friday 8:42 a.m. - 5:00 p.m. **Requirements:** High School diploma required. Associate's or equivalent preferred. 1-2 years prior experience with book publishing helpful. Familiarity with IBM PC's. Cornell employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, East Hill Plaza. External applicants send cover letter and resume to Esther Smith, Staffing Services, 160 Day Hall.

Office Assistant, GR19 (C5604) Veterinary Administration-Statutory Minimum Biweekly Salary: \$551.86 Posting Date: 3/7/91

Provide secretarial support to Director of Development. Duties will include correspondence, filing, processing of office budget/accounting forms, and serving as receptionist when Administrative Aide is not available.

Requirements: Some college coursework preferred. 2 years related work experience of Word Perfect. Excellent typing and word processing skills; knowledge and experience of Word Perfect; excellent typing and word processing skills (Word Perfect); knowledge of computer data base programs desirable. Good interpersonal and organizational skills. Heavy typing. Regular Cornell employees only. Send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, EHP.

Student Account Representative, GR19 (C5606) Bursar's Office-Endowed Minimum Biweekly Salary: \$566.28 Posting Date: 3/7/91

Maintain student finance and cornelcard billing systems. Direct contact with students, parents and other Cornell University departments in person. Via telephone and written correspondence concerning student billing; processing adjustments and other transactions; reconciling statements; processing deposits, vouchers and journal entries.

Requirements: High School diploma or equivalent. Some college coursework preferred. Knowledge of general accounting. Strong interpersonal skills. Ability to research and reconcile accounts, work in an active, complex environment. Regular Cornell employees only. Send transfer application, cover letter and resume to Esther Smith, Staffing Services, East Hill Plaza.

Personnel Assistant, GR19 (C5512) Office of Human Resources-Endowed Minimum Biweekly Salary: \$566.28 Posting Date: 2/28/91

Assist the Senior Benefits Analyst in administration of central employee registration and academic benefit enrollments, data input and maintenance of computerized databases connected with university benefit program enrollments.

Requirements: High School diploma or equivalent required. Some college coursework preferred. 1-2 years related experience. Prior experience dealing with the public and working with databases required. Good verbal and telephone skills. Ability to deal with public in a positive customer oriented manner. Ability to explain complicated information in a concise and easily understood manner. Familiarity with desktop computers, databases and report generation. Medium typing. Cornell employees send transfer application, cover letter and resume to Esther Smith, Staffing Services, East Hill Plaza.

Accounts Assistant, GR19 (C5404) Human Development Family Studies-Statutory Minimum Biweekly Salary: \$551.86 Posting Date: 2/21/91

Assists department Administrative Manager and Administrative Supervisor in the management of fiscal transactions and maintenance of financial records in a large department. Provides backup for secretary/receptionist in the chair's office.

Requirements: High School diploma or equivalent required. Some college coursework preferred. 1-2 years related experience. Knowledge of University Accounting/Business Systems required. Computer competency including knowledge of LOTUS 123 and Word Perfect software desirable. Strong interpersonal and organizational skills a must. Medium typing. Regular Cornell employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, East Hill Plaza.

Secretary, GR20 (C5403) Chemistry-Endowed Minimum Biweekly Salary: \$590.45 Posting Date: 2/21/91

Provide administrative and secretarial support for one professor and his research group. Prepare manuscripts, correspondence, reports and reviews; coordinate up-to-date appointment calendar; make travel arrangements; research and photocopy journal articles in libraries; maintain filing system; manage accounts and budgets.

Requirements: Associate's or equivalent. Minimum 2 years experience with scientific wordprocessing using a Macintosh computer; high degree of proficiency in carrying out complex scientific/technical typing. Knowledge of Chemdraw preferred. Ability to meet deadlines under pressure and handle confidential material appropriately. Excellent phone and communication skills. Heavy typing. Regular Cornell employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, East Hill Plaza.

Telecommunicator, GR21 (C5608) Public Safety-Endowed Minimum Biweekly Salary: \$615.42 Posting Date: 3/7/91

Responsible for operating centrally located communications center for department. Monitor incoming phone lines, radio traffic & blue light emergency phones. Monitor & operate NYS Police Info Network Computer Terminal.

Requirements: High School diploma or equivalent. College degree preferred. Radio communication skills preferred. 2-3 years related experience. Ability to qualify for certification in NYS Police Information Network System. Strong communication (written and oral) skills. Ability to pass background investigation with no record of convictions excluding minor traffic infractions. Cornell employees send transfer application, cover letter and resume to Esther

Smith, Staffing Services, East Hill Plaza. External applicants send cover letter, resume to Esther Smith, Staffing Services, 160 Day Hall. Women and minorities are encouraged to apply.

Telecommunicator, GR21 (C5511)
Public Safety-Endowed
Minimum Biweekly Salary: \$615.42
Posting Date: 2/28/91

Responsible for operating centrally located communications center for department. Monitor incoming telephone lines, radio traffic and blue light emergency phones. Monitor and operate NYS Police Information Network Computer Terminal. Shift Work.

Requirements: High School diploma or equivalent. College degree preferred. Radio communication skills preferred. 2-3 years related experience. Ability to qualify for certification in NYS Police Information Network System. Strong communication (written and oral) skills. Ability to pass background investigation with no record of convictions excluding minor traffic infractions. Cornell employees send transfer application, cover letter and resume to Esther Smith, Staffing Services, EHP. External applicants send cover letter and resume to Esther Smith, Staffing Svcs, 160 Day Hall. Deadline for applications is March 12, 1991. Women and minorities are encouraged to apply.

Accounts Coordinator, GR21 (C5601)
Finance and Business Services-Statutory
Minimum Biweekly Salary: \$599.73
Posting Date: 3/7/91

Analysis of financial data; IRIS Requests; journal voucher processing; spreadsheet analysis; letter to credit draw-down; audit vouchers; bank reconciliations, other duties as assigned.

Requirements: Associate's in accounting, minimum 2-3 years experience. Symphony/Lotus; Database; Financial Statement experience. Light typing. Regular Cornell employees only. Send employee transfer application, cover letter, resume to Esther Smith, Staffing Services, EHP.

Assistant Costume Shop Manager, GR23 (C5109)
Theatre Arts-Endowed
Minimum Biweekly Salary: \$669.23
Posting Date: 2/14/91

Assist Costume Shop Manager in all phases of shop operations in constructing costumes for theatre productions. Purchase supplies and materials; monitor budgets and inventory; draft and drape patterns, construct costumes; assist with supervision of student personnel. Monday-Friday 9:00-5:00; some evenings and weekends. **Requirements:** Associate's required. 3-4 yrs professional theatre experience. Theatrical costume construction, patterning skills, costume crafts-dyeing, millinery, tailoring, etc; experience operating costume shop equipment. Budgeting skills. Supervisory experience. Good interpersonal skills. Regular CU employees send transfer application, cover letter and resume to Esther Smith, Staffing Services, EHP. External applicants send cover letter and resume to Esther Smith, Staffing Svcs, 160 Day Hall.

Office Professional Part-time

Senior Records Assistant, GR18 (C5611)
Catalog Department/University Library-Endowed
Minimum full-time equivalent: \$542.89
Posting Date: 3/7/91

Verify and edit name, subject, and series headings in machine readable bibliographic records. Search various on-line databases to identify authority records matching headings on Cornell Catalog records, and add these records to the local database; create permanent machine-readable series authority records; identify changes and revise data in authority records. Monday-Friday, 20 hours per week. Term appointment until 6/30/92.

Requirements: Associate's or equivalent. Ability to do detailed work accurately and exercise good judgement under pressure. Strong interpersonal skills. Must be dependable. Previous library technical services experience desirable. Familiarity with foreign languages desirable. Medium typing. CU employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, EHP. External applicants send cover letter and resume to Esther Smith, Staffing Svcs, 160 Day Hall.

Senior Records Assistant, GR18 (C5610)
Catalog/Cornell Library-Endowed
Minimum full-time equivalent: \$542.89
Posting Date: 3/7/91

Responsible for the conversion of catalog information for musical scores and sound recordings from cards into machine-readable copy, applying appropriate USMARC conventions to create new machine readable records. Also responsible for updating information in records and cards when appropriate. Monday-Friday, 20 hours per week. Term appointment until 9/30/91.

Requirements: Associate's; 2 years of college, or the equivalent. Background in music preferred. Ability to do detailed work accurately under pressure. Previous library technical services experience desirable. Strong interpersonal skills. Familiarity with foreign languages desirable. Cornell employees send transfer application, cover letter and resume to Esther Smith, Staffing Services, East Hill Plaza. External applicants send cover letter and resume to Esther Smith, Staffing Services, 160 Day Hall.

Special Collection Assistant, GR18 (C5510)
Icelandic Collection-Endowed
Minimum full-time equivalent: \$542.89
Posting Date: 2/28/91

Provide support for the Icelandic Collection including bibliographic searching and reference, reshelving and stack maintenance of rare materials; secretarial support for the department and for the publication *Islandica*. Provide on-site management of all aspects of the Collection in the absence of the Curator. Monday-Friday, 20 hours per week. Position until 6/1/92.

Requirements: High School diploma or equivalent required. Some college coursework preferred. Ability to independently perform detailed work with a high degree of accuracy. Excellent communication and interpersonal skills. 1-2 years previous work experience in an academic library preferred. Scandinavian or Icelandic language required. Medium typing. Send Cover letter and resume to Esther Smith, Staffing Services, 160 Day Hall.

Office Assistant, GR18 (C4003)
Office of Human Resources-Endowed
Minimum full-time equivalent: \$542.89
Posting Date: 10/11/90

Under general supervision, provide clerical assistants to Administrative Aide and Directors of the Office of Human Resources. Assist in scheduling and organizing appointments, meetings and conferences; assist in preparing correspondence, reports, and other documents using Digital All-in-One word processing equipment; act as receptionist; answer and route telephone calls and visitors; open and organize incoming and outgoing mail.

Requirements: High School diploma education or equivalent. 1-2 years of secretarial experience. Knowledge of personnel policies/procedures helpful. Excellent (verbal and written) communication skills. Knowledge of word processing equipment (Digital, Macintosh essential). Experience working in confidential setting preferable. Dictaphone a plus. Mon-Fri, 10am-2pm. Send cover letter and resume to Esther Smith, Staffing Svcs, 160 Day Hall.

Administrative Aide, GR19 (C5508)
Architecture-Endowed
Minimum full-time equivalent: \$566.28
Posting Date: 2/28/91

Act as administrative aide for the Preston Thomas Memorial lecture series as well as the Department of Architecture Lectures and Exhibitions assistant. Schedule and coordinate related events including room reservations, meeting and reception arrangements, travel and hotel accommodations etc.; coordinate materials for Thomas Lectures; transcribe former lectures, research permissions, etc. Hours to be arranged, (between 8-5, 25 hours per week).

Requirements: High School diploma or equivalent. 1-2 years related experience. Some college coursework preferred. Able to use work processing programs on Macintosh SE/30 competently. Ability to work independently, should have some accounting skills, and be able to work with public. Medium typing. Regular Cornell employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, East Hill Plaza. External applicants send cover letter and resume to Esther Smith, Staffing Services, 160 Day Hall. Minorities are particularly encouraged to apply.

Administrative Aide, GR19 (C5406)
Placement-Endowed
Minimum full-time equivalent: \$566.28
Posting Date: 2/21/91

Provide assistance and resume referral support services for experienced engineering alumni seeking new professional career opportunities. Extensive contact, both phone and written with alumni and hiring organizations. Maintain and update records for database and resume referral as needed. 1 year position with possible extension.

Requirements: High School diploma or equivalent. Some college coursework preferred. 1-2 years related experience. Strong business, organizational and clerical skills. Keen mind for detail work and name recognition. Communication skills are essential. Must have ability to work with relational (Foxbase) databases and computerized word processing systems on Macintosh SE. Medium typing. Regular Cornell employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, East Hill Plaza. External applicants send cover letter and resume to Esther Smith, Staffing Services, 160 Day Hall.

Administrative Aide, GR19 (C4702)
Operations Research & Industrial Eng-Endowed
Minimum full-time equivalent: \$566.28
Posting Date: 12/20/90

Provide administrative/clerical support for the Graduate Program and the School's Administrative Manager. Backup for technical typing using the EXP program. Other duties as assigned.

Requirements: High School diploma or equivalent. Some college coursework preferred. 1-2 years related experience. Good interpersonal skills. Knowledge of technical typing helpful. Medium typing. Regular Cornell employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, East Hill Plaza.

Editorial Assistant, GR20 (C5401)
Materials Science and Engineering-Endowed
Minimum full-time equivalent: \$590.45
Posting Date: 2/21/91

Develop and prepare newsworthy material and brochures for dissemination to Cornell's internal and external publics. Edit manuscripts for publication in professional journals. May involve rewriting original compositions. Position until January, 1992.

Requirements: Bachelor's or equivalent preferred. Although experience in technical writing is not required, an ability to comprehend complex technical subject areas is essential. Medium typing. Regular Cornell employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, East Hill Plaza.

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.

Temporary Part-Time

Building Attendant (S5204)
Uris Library-Endowed
Posting Date: 2/14/91

Under the direction of the Administrative Supervisor, assist in the daily reshelving of materials of materials returned from circulation, and work at the Security Desk inspecting knapsacks, briefcases, etc. of exiting patrons when the security alarm sounds. Part-time, 20 hours per week, Mon-Fri; morning hours. Position open March 15-June 30.

Requirements: High School diploma or the equivalent. Must be able to lift 50 pounds. Public relations skills are essential. Please send cover letter and resume to Karen Raponi, Staffing Services, 160 Day Hall.

General Service

Submit a signed employment application which will remain active for a period of four months. During this time, you will be considered for any appropriate openings for which you are competitively qualified. 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 EHP office. If you are currently available for employment, you may want to consider temporary opportunities at the University. Please contact Karen Raponi at 255-2192 for details.

Cornell Employment News

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EQUAL
Opportunity at Cornell

Food Service Worker, S003 (G4402)
Division of Campus Life-Endowed
Hiring Rate: \$6.56
Posting Date: 11/8/90

Under direct supervision, prepare, present, and serve items for line service. Receive, inspect, store all food products, equipment, and supplies for a dining unit. Wash dishes, pots and pans.

Requirements: Basic reading and computation skills. 1 year related experience; working knowledge of food prep and kosher dietary law and strict adherence to same. Ability to operate food preparation and cooking equipment. Good customer relation skills. Basic understanding of purchasing and receiving food. Ability to lift up to 75 pounds. Cornell employees only. Send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, EHP.

Food Services Worker, S003 (G5601)
ILR Extension and Public Service-Statutory
Hiring Rate: \$6.56
Posting Date: 3/7/91

Prepare and serve refreshments to conferences faculty, staff, & students. Prepare and deliver to conference rooms coffee and/or refreshments, fill pitchers with ice water for morning and afternoon breaks. Order supplies; wash dishes with dishwasher; maintain kitchen equipment; assist with catered luncheons; collect quarterly coffee dues; assist with conference kits & mailings, room set up, etc.

Requirements: High School diploma or equivalent. Food preparation experience desired. Valid NYS driver's license required. Ability to lift up to 50 pounds. Regular Cornell employees only. Send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, EHP.

Senior Mechanic, T007 (G5201)
Utilities-Endowed
Posting Date: 2/14/91

Responsible for the uninterrupted and efficient daily operation and maintenance of the chilled Water Plants and Hydro-electric Plant. To operate and maintain Central Plant equipment including electric driven chillers, pumps, cooling towers, vacuum and compressed air systems, water turbines and generators, water treatment equipment and instrumentation. Operation of the Central Utility Plants shall include use of the Campus microprocessor-based central control systems.

Requirements: Associate's in Mechanical/Electrical Technology. 1-3 years experience in refrigeration, operation and maintenance of Central Utility Plants desirable. 1-3 years experience in electric and solid state electronic controls and their application in control and monitoring. Cornell employees send employee transfer application, cover letter and resume to Esther Smith, East Hill Plaza. External applicants send cover letter and resume to Esther Smith, Staffing Services, 160 Day Hall. Women and minorities are particularly encouraged to apply.

General Services Part-Time

Security Guard, GR1 (G5602)
Johnson Museum-Endowed
Hiring Rate: \$6.44
Posting Date: 3/7/91

Responsible for guarding all works of art in the building following security and safety procedures; communicating with appropriate staff members on a regular basis. Available day or evening for subbing on non-scheduled work days and/or guarding at special events held in the museum. 3 days per week plus evening hours (28 total).

Requirements: High School diploma or equivalent. Be able to work with schedules and in a group situation. Background in the security area helpful. Dependable in reporting and attentive to detail necessary. Be able to communicate well with the public. Regular Cornell employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, East Hill Plaza. External applicants send cover letter and resume to Esther Smith, Staffing Services, 160 Day Hall.

General Service

Send application materials for the following positions to Cynthia Smithbower, 160 Day Hall.

Gardener, S004 (B5401, B5402, B5404, B5405, B5406) 5 positions
Plantations-Statutory
Hiring Rate: \$6.88
Posting Date: 2/21/91

Assist gardening staff in the installation of new gardens and in the maintenance of existing gardens. Duties include garden cleanup, planting, fertilizing, mulching, watering, raking, and related tasks as plant labels, plant records, greenhouse care, and nursery maintenance. Monday-Thurs, 7:00-3:30, Friday 7-2:30. Position until 10/31/91.

Requirements: High School diploma or equivalent. Valid drivers license required. 1-2 years work experience in park, arboretum, or botanical garden desired. Strong interest in horticulture required. Must be able to lift 100 pounds and must be willing to work outside during all weather conditions. Send application materials to Cynthia Smithbower, 160 Day Hall.

Groundworker, S004 (B5407, B5408, B5409, B5410, B5411, B5412, B5413) 7 positions
Plantations-Statutory
Hiring Rate: \$6.88
Posting Date: 2/21/91

Assist grounds maintenance staff in landscape maintenance, and construction to include planting, mowing, weeding, mulching, watering, fertilizing, pruning, policing of grounds, maintenance of equipment, and maintenance of walls, steps, and fences. Mon-Thurs, 7:30-4, Fri 7:30-3. Position until 10/31/91.

Requirements: High School diploma or equivalent. Valid

drivers license required. 1-2 years work experience in park, arboretum, or botanical garden desired. Strong interest in horticulture and landscape construction required. Must be able to lift 100 pounds and must be willing to work outside during all weather conditions. Send application materials to Cynthia Smithbower, 160 Day Hall.

Greenhouse Worker, S006 (B5602)
Entomology-Statutory
Hiring Rate: \$7.52
Posting Date: 3/7/91

Responsible for operation of an entomological greenhouse complex for use by faculty, staff, and graduate students. Anticipate and carry out necessary operations to maintain an optimum environment for plant growth and research needs. Monday-Friday, 39 hours per week.

Requirements: Associate's or equivalent; Bachelor's preferred. Training in floriculture or related field where coursework included plant growth and greenhouse operations; DEC certified application license required. 2-3 years working experience in a well managed greenhouse operation; excellent knowledge of mechanical operations of greenhouse. Send application materials to Cynthia Smithbower, 160 Day Hall.

Print Machine Operator, S009 (B4103)
Campus Services/Print Shop-Endowed
Hiring Rate: \$8.66
Posting Date: 10/18/90

Operate a variety of offset printing and related production equipment, producing printed product according to the specifications of job tickets and to the standards of the Print Shop. Perform commonplace and routine cleaning, adjustment repair of the same equipment. Mon-Friday 8:00-4:30. **Requirements:** High School diploma. 2 years of job experience in a Graphic Arts production facility with extensive hands-on experience with offset printing presses. Must have excellent attendance record and the ability to work well with others. Send cover letter and resume to Cynthia Smithbower.

General Service Off-Campus

Field Assistant, GR19 (B5601)
Field Research Unit/Geneva-Statutory
Minimum Biweekly Salary: \$551.86
Posting Date: 3/7/91

Primary function is to assist in performing duties relating to vegetable research. Secondary function is to assist Field Research Unit including care of fruit research, and performing routing and major equipment maintenance and repair. Monday-Thursday, 8am-5pm Fri, 8am-4pm.

Requirements: Associate's in plant or soil science or equivalent preferred. Several years experience in vegetable growing preferred. Proficiency with farm equipment necessary. Mechanical aptitude and mathematical skills necessary. Valid Driver's License and Certified Pesticide Applicators License required. Send application materials to Cynthia Smithbower, 160 Day Hall.

Academic

Research Associate I
Department of Horticulture Sciences/Geneva

To supervise lab organization in John Sanford's lab, especially during periods of his absence, such as during tentative leave of absence. To independently pursue research involving the biolistic gene transfer process.

Supervise use of the "shared biotechnology lab" (Room 204 Hedrick Hall), which will be used by various plant genetic engineering projects within the Department of Horticulture Sciences. Responsibilities include: independent research on biolistic transformation 50%; Supervision of lab support personnel 10%; Lab organization 10%; oversight of shared biotechnology facility 10%; paperwork, radioisotope record writing 20%. Supervise 1-3 lab technicians & 1-2 lab aides.

Requirements: Post-doctoral experience required in "biotechnology" related research. Must be capable of independent research, with sufficient maturity to supervise others. Experience with biolistic transformation research preferred. Ph.D. in appropriate field required. Contact Supervisor (J. Sanford) - 2-3/week; Technicians and lab aides - daily; other project leaders - 1-2/week; collaborators - 1-2/weeks.

The Second Annual

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