

CORNELL CHRONICLE

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Astronaut G. David Low, right, with certificate of authenticity, hands over socks to H. Thomas Hickerson Tuesday.

Tim Moersh

Ezra's socks: no mean feat

Alumnus astronaut returns spaceflight mementos

They traveled 4.5 billion miles at speeds of more than 17,000 miles an hour 223 miles above the Earth.

They are Ezra Cornell's wedding socks, and they were returned to the university on Tuesday along with other mementos that were carried aboard the space shuttle Columbia in January by astronaut and Cornell alumnus G. David Low.

Visiting his alma mater as part of Cornell's celebration of National Science and Technology Week, Low also described his experience in space to Cornell students and faculty, as well as to area high school students touring university laboratories that day. His visit was sponsored by the NASA/Cornell Space Grant Program and hosted by the Sibley School of Mechanical and Aerospace Engineering.

During a news conference, he returned the 159-year-old socks to H. Thomas Hickerson, assistant director of Olin Library Special Collections and chairman of the Department of Manuscripts and Archives.

"I'm sure Ezra would have taken this in stride," quipped Hickerson, who said the university's founder undoubtedly would have been enthusiastic about space travel and even "had a piece of the action" as a space entrepreneur.

Cornell's commitment to high technology was signified by a supercomputer memory board provided for the flight by International Business Machines Corp. Receiving the board, which will be installed in a Cornell supercomputer this spring, were Mark Anzani, design manager of the Array Card Department at IBM in Poughkeepsie, N.Y.; Jerry Gerner, manager of Large-Scale Applications Support at the Cornell National Supercomputer Facility; and Gordon Wright, manager of the IBM/Cornell Supercomputing Technologies Center.

A small box containing 125 tiny silicon chips emblazoned with the Cornell crest was returned to Truman Blocker, corporate liaison officer for the National Nanofabrication Facility, where the chips were created. Blocker pointed out that the chips were appropriate, given that many technologies developed at the NNF will play a key role in the future of space travel. The chips with the microscopic crests were designed and produced by Richard Bojko of the NNF.

Finally, Low returned a Sibley School banner, with an insignia depicting "Sibley in Space." Low earned his B.S. in mechanical engineering at Cornell in 1980.

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Symposia to highlight anniversary

To celebrate the year of Cornell's 125th anniversary — which begins on Friday, April 27, the date the charter was signed — some of the university's most outstanding scholars will discuss critical world issues in a series of academic symposia to be held in three countries during the next 16 months.

"Problems and Prospects in the New Post-Cold War Era" will be the topic of the first symposium, which will be conducted by Walter LaFeber, the Marie Underhill Noll Professor of American History, and Alfred Kahn, the Robert Julius Thorne Professor of Economics, during the university's Reunion Weekend on Saturday, June 9, at 10:30 a.m. in Bailey Hall.

It will be followed by a multimedia overview of Cornell's history produced by Professor James Maas, award-winning film maker and chairman of Cornell's Psychology Department, and a State of the University address by President Frank H.T. Rhodes.

Future symposia — to be held in Washington, D.C., Chicago, New York, Boston, San Francisco, Ithaca, Tokyo and Hong Kong — will focus on undergraduate education and teaching, international and intercultural affairs, the environment, family and workplace issues and concerns, new horizons in science and technology, the arts and society, and professional ethics and values.

"We are taking our celebration around and beyond the United States not only to reflect our past commitment to students everywhere, but to project our vision that the truly outstanding universities of the 21st century will be world universities — and to give our promise that Cornell is dedicated to remaining in the forefront," said Gregory Stahl, executive director of the 125th anniversary celebration.

"We hope these discussions of critical contemporary issues will give alumni and others an opportunity to revisit some of our outstanding faculty and their ideas," Stahl added. All area alumni and a group of outstanding local high school students will be invited to each event.

One symposium, scheduled for April 24, 1991, in Ithaca, will be broadcast live and offered to all alumni clubs via Cornell's sat-

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Keep focus on teaching, Boehlert warns

A New York congressman who strongly supports research universities told a Cornell audience this week that campuses and Congress must work to keep research from overshadowing teaching.

Noting the "huge numbers of students" who drop the study of science and engineering while in college, U.S. Rep. Sherwood L. Boehlert (R-Utica), ranking minority member of the House Committee on Science, Space and Technology, said:

"Let me be blunt: Universities are not fulfilling their obligations."

Boehlert, at Cornell to honor its 35 Presidential Young Investigators, said universities must give "more than lip service to the importance of teaching."

Alluding ironically to Ezra Cornell's vision of a university where anyone could "find instruction in any study," Boehlert said of Cornell's founder:

"His stated intention was not to found an institution where any researcher could find grants from any funding source."

Boehlert assured his audience that Cornell and research universities "have no one but friends in Washington," but he said the scientific community must start to help itself, Congress and President Bush's science adviser, D. Allan Bromley, by agreeing on what kinds of science projects deserve funding priority. Even on earmarking — congressional funding of science projects based on geography rather than competitive

proposals — scientists lack a unified voice, Boehlert said.

"Sherry Boehlert is one of our strongest congressional supporters and is in a key position to understand forces shaping the future course of American science," said John F. Burness, vice president for university relations. "We have to listen carefully to his analysis."

The National Science Foundation funds the Presidential Young Investigators — with matching private support — to encourage promising students to pursue academic careers in science and engineering. Cornell, which has one of the largest contingents of these young faculty members, is second only to Stanford University in total

research expenditures — \$271 million — and first nationally in funding from the NSF for academic science and engineering.

Boehlert said he was "not picking on Cornell" and that Congress itself must help combat the general campus tendency to devalue teaching. "There is no question that there can be a strong link between good research and good teaching," he said. "But there can also be a rift. . . . We at the federal level have to figure out some way to structure research grants so that they do not become disincentives to teach."

In his speech on Monday in the Alumni Auditorium of Kennedy Hall, Boehlert noted the importance of campus research —

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NOTABLES

Joseph D. Novak, professor of science education and biological sciences, has been presented the "Distinguished Contributions to Research in Science Education Award" by the National Association for Research in Science Teaching. The award is the highest honor bestowed by the association, is made only periodically and is considered the most prestigious award in all of science education. Novak was cited for research that has had a major effect on the way science is taught. Among his books are "Educational Psychology: A Cognitive View," "A Theory of Education" and "Learning How to Learn." Additionally this month, his paper "Helping Students Learn How to Learn: A View From a Teacher-Researcher," received the "Outstanding Paper of the Year Award" of the Association for the Education of Teachers in Science.

Chemistry Assistant Professor **Laura A. Philips** has been named the recipient of the American Association of University Women 1990 AAUW Recognition Award for Young Scholars. The award is presented to a woman under the age of 35 who has earned a doctorate and has made significant contributions to her field. Only one

award is presented nationwide, and candidates from all fields of sciences, arts and humanities are considered. This marks the third time that a scholar from Cornell has won the award; no other institution has had more than one successful candidate, according to the AAUW. A member of the Cornell faculty since 1987, Philips studies the physical structure and chemical-reaction dynamics of molecular clusters in supersonic molecular beams. The award will be presented June 23 at the national meeting of the AAUW.

Four Cornell undergraduate students were among the 112 nationwide to receive 1990 Younger Scholar Grants from the National Endowment for the Humanities worth \$2,200 to work on independent summer research projects. The recipients and their projects are **Richard L. Blistein**, "Wrathful Deities in Hinduism and Indo-Tibetan Buddhism"; **Scott R. Peppet**, "Crisis in International Society: Collectively Undesirable Consequences of National Action"; **James V. Pryor**, "Plato's Analysis of Perception in the 'Theaetetus'"; and **Seth M. Schulman**, "The Moral Economy Mentality in 18th Century England."

BRIEFS

■ **Faculty ballots:** Faculty ballots for the election of a faculty trustee, four at-large members of the Faculty Council of Representatives and membership on various faculty committees are due by noon on Wednesday, May 2, in the Office of the Secretary of the University Faculty, 315 Day Hall. The ballots, which have been sent to all faculty, may be returned through U.S. or campus mail. Candidates for a four-year term on the Board of Trustees are Roger C. Cramton, the Robert S. Stevens Professor of Law; Isaac Kramnick, the Richard J. Schwartz Professor of Government; and Anil Nerode, professor of mathematics and director of the Mathematical Sciences Institute.

■ **Bloodmobile:** The Red Cross Bloodmobile will be at the Memorial Room of Willard Straight Hall on Tuesday, May 1, from 10 a.m. to 3:45 p.m. Call 273-1900 for an appointment or walk in at any time.

■ **Hydrant flushing:** The annual flushing of fire hydrants on campus will take place May 7 through 18. Although the flushing may make drinking water cloudy, it will be safe to drink, according to Douglas Clark, manager of the Water and Sewer Division of the university's Department of utilities.

■ **Race and gender:** Vietnamese-born cinematographer and author Trinh T. Minh-ha will discuss "Questions of Race and Gender in Spectatorship" in a University Lecture on Monday, April 30, at 4:30 p.m. in the Hollis E. Cornell Auditorium of Goldwin Smith Hall. Minh-ha, who came to this country in 1970, also has taught and

studied in France, Senegal, the Philippines and Vietnam. He is currently an associate professor in the Department of Cinema at San Francisco State University.

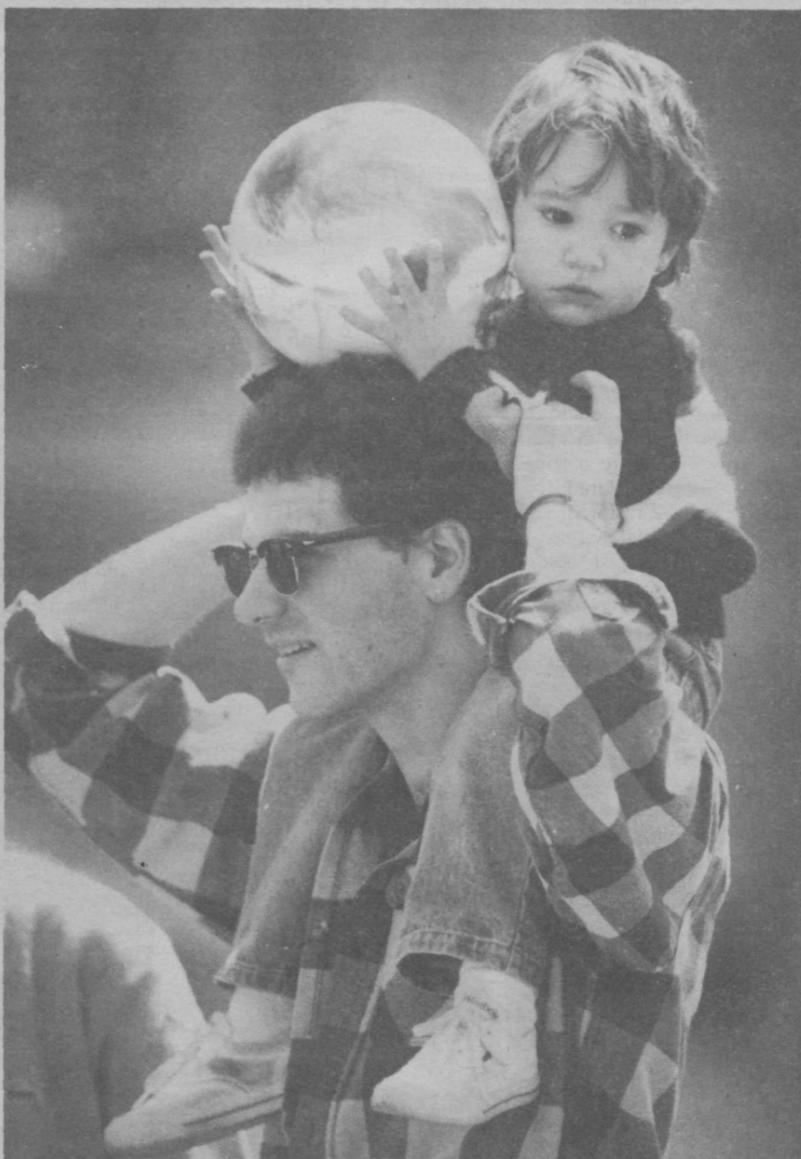
■ **Emeriti to meet:** The Association of Cornell University Emeritus Professors will hold its annual spring meeting on Tuesday, May 1, at 2 p.m. in the Robeson Room of Schoellkopf Hall. Physicist David Cassell, associate director of the Wilson Laboratory of Nuclear Studies, will be the guest speaker. There also will be a tour of the Wilson Synchrotron facility. The meeting is open to retired professors, academic staff and administrators.

■ **Annual cleanup:** Persons wishing to participate in the cleanup activities of the Collegetown Neighborhood Council's fifth annual Good Neighbor Day on Saturday, April 28, should report to the Collegetown Motor Lodge parking lot between noon and 3 p.m.

■ **Mentors needed:** Mentors Unlimited, a countywide network of youth mentoring programs established in 1989, will conduct a conference at the Sheraton Inn on Friday, May 4, from 9 a.m. to 2 p.m. Speakers will include Matilda Cuomo, the governor's wife and chairperson of the New York State Mentoring Committee of the School and Business Alliance.

■ **Road closing:** Judd Falls Road between Tower Road and Forest Home Drive will be closed next Thursday and Friday, May 3 and 4, according to John Ozolins, highway superintendent for the town of Ithaca.

Global perspective



Chris Hildreth

Two-year-old Dylan Birchard has his own world in his hands as he perches on the shoulders of his father, Rick, as they joined some 5,000 others for Earth Day activities on campus last weekend. The observance will continue during the spring and fall with lectures and other programs.

Former head of UAW to speak

Douglas A. Fraser, former international president of the United Auto Workers, will spend Tuesday, May 1, through Saturday, May 5, at the School of Industrial and Labor Relations, where he will speak to students, faculty and labor relations practitioners. He also will speak to students in the Johnson Graduate School of Management.

Fraser will attend several classes in the Industrial and Labor Relations School and speak to students at a May Day celebration on the school's quadrangle on May 1 starting at 3:45 p.m.

He will speak on union-management cooperation, union representation on corporate boards and worker ownership before faculty and students of the Industrial and Labor Relations and Johnson schools on Thursday, May 3, at 4 p.m., in the Bache Auditorium of Malott Hall.

Fraser comes to Cornell as the Industrial and Labor Relations School's Alice B. Grant Labor Leader in Residence. In 1980, Fraser became the first president of an international union to serve on a corporation's board of directors when he was elected to the board of Chrysler Corp., saying that "workers must have a say in the

corporate decision-making process that so affects their lives." He retired from the UAW presidency in 1983 and from the Chrysler board in 1984.

Fraser now is a professor of labor studies at Wayne State University and the labor leader in residence at Columbia University. He also is serving as co-chair of the Michigan Governor's Commission on Jobs and Economic Development with Chrysler chairman Lee Iacocca.

While in Ithaca, Fraser will meet with officers and stewards of UAW Local 2300, which represents about 1,100 service and maintenance employees at Cornell. The local also is negotiating to represent Cornell graduate students, according to Al Davidoff, who heads the local.

In the Industrial and Labor Relations School, Fraser will meet with classes taught by Professors Paul Gerhart, Cynthia Gramm and Nicholas Salvatore; speak to a faculty workshop on collective bargaining arranged by Professor John Burton; and speak at a bargaining group conference arranged by Professor Harry Katz on the topic, "Labor's Collective Bargaining Goals in the 1990s."

— Albert E. Kaff

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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.

GRADUATE BULLETIN

Degree deadline: May 18 is the deadline for completing all requirements for a May degree, including submitting the dissertation/thesis to the Graduate School. Professional master's degree candidates should check with their field offices regarding the deadline, as that deadline may be earlier than the Graduate School's.

Planning TA workshop: Graduate students are invited to help plan next fall's universitywide teaching assistant workshop. An organizational meeting will be held on Monday, May 7, from 4:30 to 6:30 p.m., in Room B106 of Comstock Hall. For more information, phone 255-8427.

BARTON BLOTTER

Clothing worth \$278 was reported stolen from the laundry room of University Hall No. 6 in two separate incidents, according to the morning reports of the Department of Public Safety for April 16 through 22.

The thefts were among nine reported on campus, with losses in cash and valuables of \$1,420. Other thefts included a \$550 computer printer taken from Myron Taylor Hall, a \$273 VCR stolen from Kennedy Hall, and a \$100 stereo cassette and CD player stolen from Baker Tower.

Two parking permits were reported stolen, and one person was referred to the judicial administrator on charges of reckless endangerment.

Briefings set on effects of library project

Public meetings will be held on campus next week to explain the disruptions that will result from the expansion of Olin Library.

The two-year project, which is scheduled to begin May 29, will result in a three-story underground structure in the southeast corner of the Arts Quadrangle between Stimson and Goldwin Smith halls.

The meetings will be held on Wednesday, May 2, at 6 p.m., and on Thursday, May 3, at 4:30 p.m. in Goldwin Smith's Hollis E. Cornell Auditorium. Wednesday's meeting is primarily for the campus community and Thursday's for people from off campus, but anyone may attend either meeting, said David I. Stewart, director of community and campus relations.

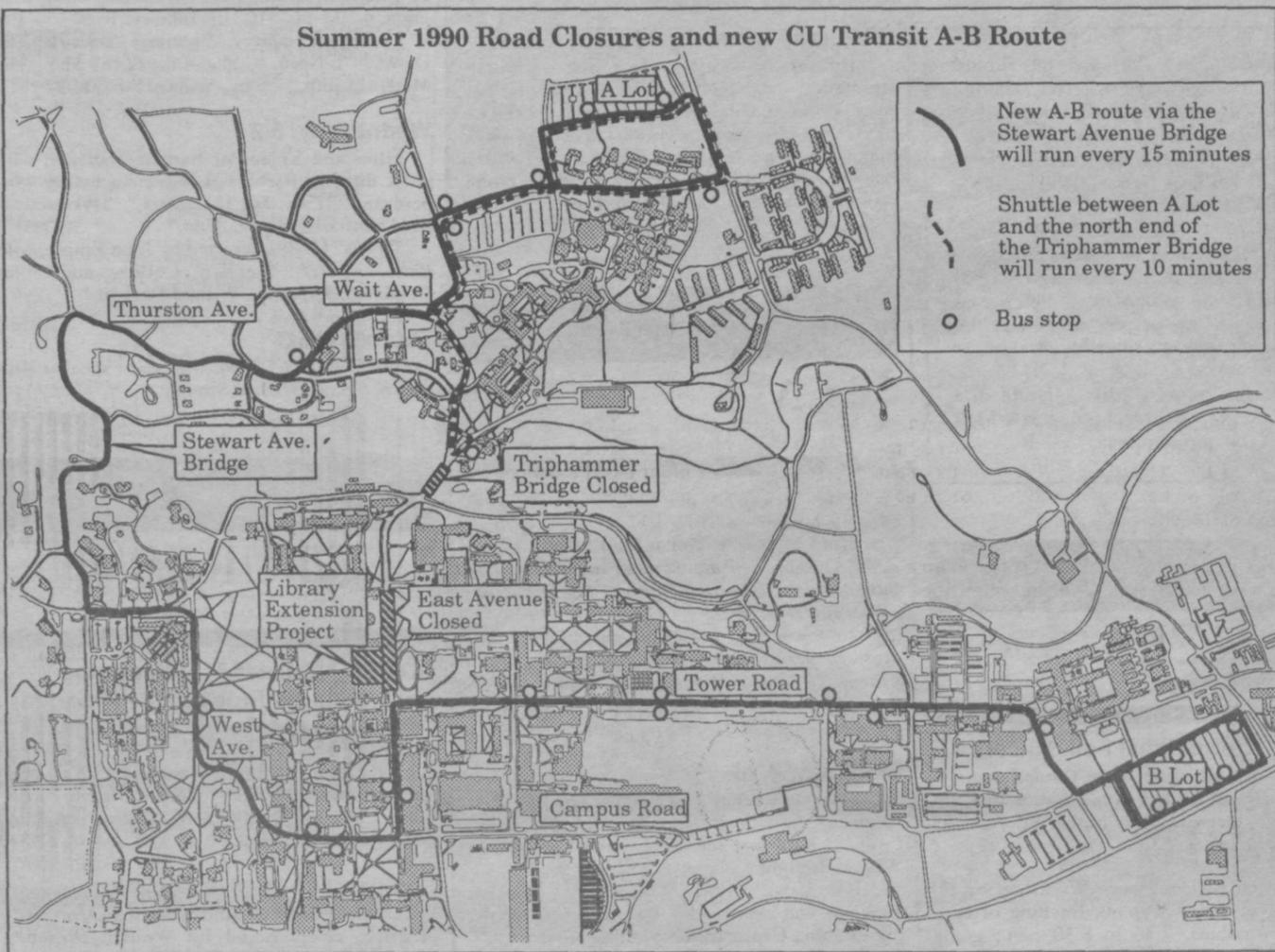
When work is done, the site will look virtually as it did before preliminary work began in December. Grading, paths and landscaping will be restored, and the Sheldon Memorial Sundial will be returned to its present position just below Goldwin Smith's south stairs. Access to the new structure will be through the lower levels of Olin Library and Stimson Hall.

The only visible addition will be an east-to-west string of four low, glass skylights set about 30 feet north of Stimson. These will admit natural light to the three-story atrium, where library employees and readers of special-collections materials will be concentrated.

But between May 29 and the opening of the \$25 million addition in August 1992, there will be considerable inconvenience and disruption — particularly during this summer's excavation work and the following nine months of pouring concrete for the 90,000-square-foot structure.

Among the project's most significant effects, on which technical experts will answer questions at the May 2 and 3 meetings, are:

- The brief, daily blasting, from early June to September to loosen the subsurface rock. Faculty with questions about effects on sensitive instruments are advised to obtain the manufacturer's stated tolerance of the instruments before they attend one of the meetings.
- The drilling that will precede and follow blasting.
- The routines and the routes — Tower Road, past the Veterinary College and out Caldwell Road to Cornell's Orchard — of the 60 or so dump trucks removing more than 50,000 cubic yards of dirt and blasted rock.
- The parade of concrete trucks — using



Mark Kratzschmar, Cornell University Office of Transportation Services

the same route — for the following nine months and their interaction with a giant crane, whose boom will loom 20 feet above the top of Stimson for most of the next academic year.

- The noise levels to expect at various stages.
- The closing of East Avenue to non-construction vehicles from May 29 to August 1991 — from just north of Tower Road to the driveway up to Clark Hall.
- Wire fencing will extend from the one-acre work site along the west side of East Avenue, then west to join the north wall of Goldwin Smith. The fenced-off areas also will include the terrace of Olin, the north entrance of Stimson and part of the north-south walkway between Stimson and Olin.
- The coincidental closing — from June

to mid-October — of the Triphammer Bridge for repairs by the city of Ithaca.

- The alternate bus routes that will be run while the bridge is closed and during the duration of East Avenue's closing (see map).
 - The options offered A Lot parkers — altered and slower bus service, paid permits to park on the West Campus or at the Kite Hill lot until the bridge reopens, or incentives to keep cars off campus.
- Except for the 26 spaces on the south side of Tower Road, the project will not eliminate parking (a back lane will be opened to the parking area behind the Andrew D. White House).
- There will also continue to be walkways open all along the east side of East Avenue, and the south entrance of Goldwin Smith

will remain open for access to the Arts Quad but not to East Avenue.

The Olin addition was urgently called for in a 1988 study that said staff were already crammed into tiny spaces and shelves were 25 percent above the capacity envisioned when Olin opened in 1961.

The underground plan was one of several considered. Because Olin principally serves the social sciences and humanities, whose users are mainly from the College of Arts and Sciences, there was strong preference among the college's faculty for the addition next to Olin. This is a point that Arts and Sciences Dean Geoffrey V. Chester has made frequently in calling for faculty patience during moments of distress that the project inevitably will bring.

— Sam Segal

Managing nationalism called Soviets' main task

"The situation in our country is simple," Soviet sociologist and ethnologist Igor Kon said during a lecture here last week. "The centralized bureaucratic empire cannot exist anymore and should be transformed into a commonwealth of nations."

That said, how does one accomplish it?

While many observers struggle to keep up with the day's headlines about the Soviet Union, Kon, an A.D. White Professor-at-Large, offered an analysis that tapped psychology and philosophy, as well as sociology and ethnology, and made a complex time seem clear, though difficult to manage.

"Put yourself in the place of the Soviet government. What would you do?" he asked his audience. "If Gorbachev grants independence to one country and then another, he will have no support. This situation is desired by the Stalinists and chauvinists," Kon said, adding that such an outcome could foreshadow a future of fascism.

"If he doesn't go this way, relations will be complicated with the Western world. If the complications are strong enough, Gorbachev will no longer be needed," he said, adding that this alternative could provoke a power struggle similar to that which erupted in China and led to student uprisings.

Simply put, that is the predicament the Soviet Union faces in managing nationalism, the most immediate problem confronting the nation, according to the analysis by Kon.

His solution: "Peaceful is piecemeal." In other words, the transformation to a commonwealth must be made slowly, not by sudden and dramatic declarations of independence, as advanced by Lithuania, he

said.

Kon, 62, is a senior fellow in the Institute of Ethnography in the U.S.S.R. Academy of Science and a specialist in the sociology of personality, particularly of young people.

As an A.D. White Professor-at-Large, Kon will lecture here periodically until 1995. The program, named for the university's co-founder and first president, was begun in 1965 to give the Cornell community direct access to the world's scholars.

Last week, Kon spoke to professors about the needs of youth in the Soviet Union and elsewhere; gave a public lecture about Perestroika through a social-psychological perspective; addressed sociology, government, economics and Russian literature classes; and shared a brown-bag lunch with Cornell's Russian-speaking community.

He told his faculty audience that there is "a great crisis of beliefs, and the first victims are the youth. . . . For the first time in history, young people have the necessity to make more or less independent ideological choices in not only intimate problems, but political and other ones."

Although a positive step, the wide array of choice-making has led to great social problems, including high drug abuse and crime rates, Kon said. A history of morality determined by rules also has contributed by its failure to offer the practice of individual decision-making, he said.

"Now, there is a strong emphasis on moral values," and one reason is that "it isn't possible to have a democratic society without a democratic family and school dis-



David Lynch-Benjamin

Igor Kon

cipline," he asserted.

Yet, parents, teachers and others must recognize that youths also will be influenced by movements within their own culture that vary from society's aims, Kon said. For example, many youths harbor extreme nationalistic beliefs and have shed blood to support them.

"There is a strong tendency to think if we give youth possibilities, they will immediately become active and do what we think they should do. But the reality is different," he said, adding that many adults everywhere tend to forget that.

— Lisa Bennett

Clinic to help students look at role of meat

A daylong clinic covering the role of meat in diet, research in meat science and animal welfare issues related to farm animals will be conducted at Cornell on Saturday, April 28, for young people from New York and neighboring states.

The "Cornell 4-H Meat Science and Animal Clinic" will be attended by members of 4-H and the Future Farmers of America, as well as their parents and leaders, and Cooperative Extension agents, according to the clinic organizer, Tro V. Bui, a 4-H extension swine specialist for Cornell Cooperative Extension.

"The clinic is expected to attract about 250 participants, far exceeding our expectations," Bui said.

The clinic is sponsored jointly by Cornell Cooperative Extension and by Cornell's College of Human Ecology and College of Agriculture and Life Sciences.

Other topics include meat identification by animal species, cooking different types of meat cuts and live-animal evaluation using traditional judging techniques as well as ultrasound scanning of beef cattle, sheep and swine. An ultrasound scanner is used to determine the thickness of the animal's back-fat and the size of loin eyes.

Also planned is a guided tour of Cornell's state-of-the-art meat-processing facilities, including slaughter room, coolers, smoking rooms and meat laboratories. During the tour, Cornell researchers will discuss meat inspection and meat research projects.

— Yong H. Kim

CALENDAR

All items for the calendar should be submitted (typewritten, double spaced) by campus mail, U.S. mail or in person to Joanne Hanavan, Chronicle Calendar, Cornell News Service, Village Green, 840 Hanshaw Road, Ithaca, NY 14850.

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

Notices should also include the subheading of the calendar in which the item should appear.

DANCE

Cornell International Folkdancers

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

Advanced Balkan Dance Workshop by Ed Abelson, 6:30 to 7:30 p.m.; teaching of easy ballroom rhythms, 7:30 to 8:30 p.m.; grand party, 8:30 to 11:30 p.m., April 29, Memorial Room, Willard Straight Hall.

Global Dance, co-sponsored by the Cornell International Folkdancers and the Cornell Wellness Program, Schottische, 7:30 p.m. to 10 p.m., May 1, Dance Studio, Helen Newman Hall. Partners not necessary. For information, call 273-0707.

Israeli Folkdancing

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

EXHIBITS

Johnson Art Museum

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

"Estilo Latino: 20th Century Latin American Art," the second annual intern exhibition concentrating on works by contemporary Latin American artists and organized by the student interns at the museum, through May 6.

"Wu Guanzhong, A Contemporary Chinese Artist," the works of Wu Guanzhong, contemporary Beijing artist, will be on exhibit through May 27. Included are Chinese ink paintings, oil paintings, drawings and sketch books.

Chinese Artbreak, in conjunction with the exhibition, will be held April 29 from 2:30 to 4:30 p.m. Ithaca artist Jim Hardesty will demonstrate traditional Chinese painting. Preregistration is suggested; free to members, \$2.50 to nonmembers. Contact the Education Department, 255-6464.

Hartell Gallery

Raumplan-Plan Libre — Adolph Loos and LeCorbusier, through April 27. The gallery is in Sibley Dome and is open Monday through Friday, 8 a.m. to 5 p.m.

Olin Library

"The Book in Southeast Asia," early Southeast Asian manuscripts and books, fabricated from palm leaves or the bark of mulberry trees and written in exotic scripts, along with colonial and modern books, Monday through Friday, 8 a.m. to 5 p.m., through June 12.

Tjaden Gallery

MFA Exhibition: Jim Biglan, through April 27. The gallery is in Tjaden Hall, open 8 a.m. to 4:30 p.m.

University Library

"Human Sexuality: A Selection of Library Resources," an exhibit in Uris and Olin libraries, manuscripts and archives, through June. The exhibition covers topics such as witchcraft, AIDS, heterosexual relationships, the evolution of lesbian and gay writing, lesbian and gay liberation, reproductive rights and directions of current research.

FILMS

Films listed below are sponsored by Cornell Cinema unless otherwise noted. Most Cinema films cost \$3, except for weekend films in Uris and Statler, which are \$4, and are open to the public unless otherwise stated. An (*) means admission is charged.

Co-sponsorship proposals for film screenings and series in fall 1990 are due to Cornell Cinema by May 3. Faculty and local organizations are invited to apply. Call 255-3522 for more information.

Thursday, 4/26

"Keep On Rockin'" (1969), directed by D.A. Pennebaker, with Bo Diddley, Chuck Berry, Little Richard and Jerry Lee Lewis, 7:30 p.m., Willard Straight.*

"Two Laws" (1981), directed by Carolyn Strachan and Alessandro Cavadini, 7:30 p.m., Film Forum, Center for Performing Arts.

"Shri Ram Surveys Lanka," part of the video saga "Ramayan," an Indian epic, co-sponsored by the South Asia Program and Cornell University Libraries, 7:30 p.m., 310 Uris Library.

"Tangos" (1985), directed by Fernando E. Solanas, with Marie Laforet and Philippe Leotard, 8 p.m., Anabel Taylor.

"Black Rain" (1989), directed by Ridley Scott, with Michael Douglas, 9:45 p.m., Willard Straight.*

Friday, 4/27

"Wrestler-East of the Wall" (1986), directed by Wieland Speck, with Sigurd Rachman and Andi Lucas, co-sponsored by Lesbian, Bisexual & Gay Coalition, 7:40 p.m., Uris.*

"Black Rain," 7:30 p.m., Uris.*

"Monterey Pop" (1968), directed by D.A. Pennebaker, with the Mamas and the Papas, Jefferson Airplane, The Who, Ravi Shankar, Jimi Hendrix, 10 p.m., Willard Straight.* (\$6 with Woodstock)

"Tales From The Gimli Hospital" (1989), directed by Guy Maddin, with Kyle McCulloch and Michael Gottli, 10:20 p.m., Uris.*

"Woodstock" (1970), directed by Michael Wadleigh, with Joe Cocker, Joan Baez and Arlo Guthrie, midnight, Willard Straight.*

Saturday, 4/28

"Amar Akbar Anthony," directed by Manmohan Desai, with Amitabh Bachchan, Vinod Khanna and Parveen Babi, 3:15 p.m., 302 Uris Library.

"Salut Victor" (1989), directed by Anne C. Poirier, co-sponsored by Lesbian, Gay & Bisexual Coalition, 7:20 p.m., Willard Straight.*

"Black Rain," 10 p.m., Uris.*

"Tales From the Gimli Hospital," 8 p.m., Uris.*

"The Last Waltz" (1978), directed by Martin Scorsese, with Bob Dylan, Joni Mitchell and Van Morrison, 9:30 p.m., Willard Straight.* (\$6 with Urgh! A Music War)

"Urgh! A Music War" (1981), directed by Derek Burbridge, with Police, XTC, and Wall of Voodoo, midnight, Willard Straight.*

Sunday, 4/29

Whitney Biennial Video VI: "Art of Memory," Woody Vasulka, and "Incidents of Catastrophe," Gary Hill, co-sponsored by CCPA, 2 p.m., Johnson Museum.

"Ravana's Last Chance and "Ravana Advised to Surrender," part of the video saga "Ramayan," an Indian epic, co-sponsored by the South Asia Program and Cornell University Libraries, 3:30 p.m., 310 Uris Library.

"Black Rain," 4:30 p.m., Willard Straight.*

"Book of Days" (1989), directed by Meredith Monk, with Meredith Monk, Robert Egan and Andrea Gooman, co-sponsored by Theatre Arts, 8 p.m., Willard Straight.*

Monday, 4/30

"The Toxic Avenger Part II" (1989), directed by Michael Herz, with Ron Fazio, Phoebe Legere and Rick Collins, 7:20 p.m., Willard Straight.*

"Black Rain," 9:40 p.m., Willard Straight.*

Tuesday, 5/1

"Threescore and Then . . ." about the problems facing the aging in Thailand and "Thailand Today," focuses on the current commercial life of Bangkok, sponsored by Southeast Asia Program, 4:30 p.m., 310 Uris Library.

Lesbian Vampires, featuring "Because The Dawn," "I Need A Man Like You" and "The Mark of Lilith," 7 p.m., Willard Straight.*

Wednesday, 5/2

Films and Videos of Barbara Hammer, with guest director Barbara Hammer, including "Superdyke," "Two Bad Daughters," "Dyketactics" and "Hotflash," 8 p.m., Uris.*

"Stella" (1989), directed by John Erman, with Bette Midler, Stephen Collins and John Goodman, 9:15 p.m., Willard Straight.*

Thursday, 5/3

The Celluloid Closet, with guest speaker Vito Russo, 8 p.m., Willard Straight.*

LECTURES

COMEPP (Cornell Manufacturing Engineering & Productivity Program)

"The Joys and Perils of Entrepreneurship," Philippe Villers, co-founder of CAD/CAM companies, Manufacturing Seminar Distinguished Speaker, co-sponsored by Cornell Society of Engineers, April 27, 4:30 p.m., Schwartz Auditorium, Rockefeller Hall.

Comparative Muslim Societies

"Islam in France," Andre Nouschi, University of Nice, co-sponsored by Western Societies, May 2, 4:30 p.m., 307 Rockefeller Hall.

EarthYear 1990

Distinguished Ocean Scholar Seminar Series, "Global Ocean Productivity," James McCarthy, Museum Comparative Zoology, Harvard University, co-sponsored by the Global Environmental Program, April 26, 4:30 p.m., A106 Corson/Mudd Hall.

East Asia Program

"Victorian Liberalism in Meiji Japan," Hiroaki Matsuzawa, Hokkaido University, Cornell, co-sponsored by the Japan-U.S. Association, April 26, 4:30 p.m., 374 Rockefeller Hall.

Henry Speaker Series

"FX Spectre: A Small Aerial Survey Aircraft," Jeffrey R. Register, Cornell, May 1, 8 p.m., The Henry, Sage Hall.

Hillel

"The Romani Community in WWII: The Gypsies Under the Nazis," Ian Hancock, University of Texas, April 29, 3 p.m., Founders Room, Anabel Taylor Hall.

"The Rise of Anti-Semitism in Eastern Europe and the Soviet Union," April 29. Call Hillel at 255-4227 for more information.

Hotel

"Japanese Culture and Tourism As They Relate to the Resort Industry in Japan," Matsutaro Yata, mayor of Kaga City, Japan, sponsored by the Office of Executive Education, May 2, 4 p.m., 265 Statler Hall.

International Studies in Planning

"Problems of Economic Reform in China," Carl Riskin, Columbia University, co-sponsored by East Asia Program, April 27, 12:15 p.m., 115 Tjaden Hall.

Jewish Studies Program

"Felix Nussbaum and the Holocaust," Karl Schaper, artist, co-sponsored by Near Eastern Studies, May 2, 4:30 p.m., 374 Rockefeller Hall.

Law

"The Rise and Fall of the Bill of Rights," William Kunstler, lawyer, sponsored by the Cornell Civil Liberties Union, Cornell Public Interest Law Union and Graduate Activities Funding Commission, April 26, 8 p.m., MacDonald Moot Court Room, Law School.

Near Eastern Studies

"Hindu Stereotypes of Islam and Muslims in South Asia," Theodore Paul Wright Jr., State University of New York at Albany, co-sponsored by Comparative Muslim Societies, April 30, noon, G-08 Uris Hall.

Neurobiology & Behavior Perry W. Gilbert Lecture

"The Ontogeny and Phylogeny of Behavior: Case Studies Using Fishes and Salamanders,"

George V. Lauder, April 26, 12:30 p.m., Morson Seminar Room, Corson/Mudd Hall.

Southeast Asia Program

"Cambodia Today," Jamie James, freelance writer and archaeologist, April 26, 12:20 p.m., 102 West Ave. Extension.

"Factory Daughters and Their Families in Rural Java: Reconsidering Household Models," Dianne L. Wolff, University of California, Davis, May 3, 12:20 p.m., 102 West Ave. Extension.

Tibetan Studies Group

"Human Rights and Self-Determination in Tibet and China," Lhasan Tsering, Jamyang Norbu and Rinchen Dharlo, April 27, 7 p.m., auditorium, Academic I.

Veterinary Medicine

"The Role of Hepadnaviruses in Hepatocarcinogenesis," Bud C. Tennant, Cornell, April 26, 4 p.m., G-3 Vet Research Tower.

Women's Studies Program

"Questions of Race and Gender in Spectatorship," Trinh Minh-ha, San Francisco State University, April 30, 4:30 p.m., Hollis E. Cornell Auditorium, Goldwin Smith Hall.

MUSIC

Department of Music

Robert Owen, guest organist, will perform a variety of 19th-century organ works April 27 at 8:15 p.m. in Sage Chapel. Featured compositions will be Charles-Marie Widor's "Allegro Vivace," Franz Schmidt's "Prelude," Joseph Jongen's "Sonata Eroica," Olivier Messiaen's "L'Ascension: Four Symphonic Mediations" and Julius Reubke's "Sonata on the Ninety-fourth Psalm."

The Cornell Symphony Orchestra, under the direction of Edward Murray, will perform on April 28 at 8:15 p.m. in Bailey Hall. The program will consist of Gustav Mahler's "Symphony No. 2: Andante moderato," Johannes Brahms' "Symphony No. 4, op. 98," and Edward Elgar's "Concerto for Cello and Orchestra, op. 85," with Yona Brown as soloist.



Mark Scatterday

Cornell Symphonic Band and Chamber Winds, conducted by Mark Scatterday, will perform their spring concert on April 29 at 4 p.m. in Bailey Hall.

The pre-concert music at 3:50 p.m. will feature a clarinet quartet by Javier de la Torre and Mozart's "Divertimento No. 8 in F Major." The Chamber Winds will play Beethoven's "March No. 1 in F Major"; Hindemith's "Geschwindmarsch by Beethoven," a paraphrase from Symphonia Serena; and Vaughan Williams' "Scherzo alla Marcia." The Symphonic Band, conducted by Associate Conductor Scott Jeneary, will play compositions by Fucik, Logan and King. Scatterday will conduct the final works by Offenbach, Grainger, Sousa and Holst.

"The Joy of Song," a masterclass, will be presented April 29 at 8:15 p.m. in Barnes Hall. Art songs and opera arias, plus a variety of duets, trios and quartets, will be performed by students of solo vocal and choral music at Cornell.

New Music From Cornell can be heard on April 30 at 8:15 p.m. in Barnes Hall and will

feature new compositions of Christopher Hopkins, Brian Robison, Stephan Prock, David Feurzeig and Christopher Morgan Loy, among others.

Chamber Music will be performed by students of Sonya Monosoff on May 1 at 8:15 p.m. in Barnes Hall. Included on the program will be Beethoven's "Sonata in F Major (Spring)," performed by Melissa Robbins, violin, and Sylvia Becker, piano; Beethoven's "Sonata in D Major," played by Carla Peraccia, violin, and Kyumin Oh, piano; and Claude Debussy's "Sonata," presented by Natasha Halmi, violin, and Seth Stafford, piano.

Flutist **James Galway and the Tokyo String Quartet** will share the stage for the last concert of the Great Soloist and Orchestra Series on Thursday, May 3, at 8:15 p.m. in Bailey Hall. The program will include three flute quartets by Mozart: K.285b, K.298 and K.285; Beethoven's "String Quartet, Op. 135"; and Anton Reicha's "Quintet for Flute and String Quartet, Op. 105." Tickets for the May 3 concert are on sale at the Lincoln Hall ticket office from Monday through Friday, 9 a.m. to 1 p.m., telephone 255-5144; and at the Center Ithaca Box Office from Tuesday through Saturday 11:45 a.m. to 4:30 p.m., telephone 273-4497. Prices are \$19 to \$30 for the general public and \$16 to \$25 for students.

Bound for Glory

Jack Hardy, poet, guitarist and songwriter, will perform in three live sets in the Commons Coffeehouse in Anabel Taylor Hall on April 29. Bound for Glory can be heard Sundays from 8 to 11 p.m. on WVBR-FM, 93.5.

Cornell India Association/ South Asia Program

Pandit Shivkumar Sharma (on the Santoor) and Ustad Zakir Hussain (on the Tabla) in concert on April 28, 7:30 p.m., Alumni Auditorium, Academic I. Tickets are \$5, available at Triangle Bookstore, Borealis, Reebop Records and South Asia Program.

READINGS

English

Nicholas Delbanco, fiction, April 26, 4:30 p.m., Kaufmann Auditorium, Goldwin Smith Hall.

African Studies/English

Trinidadian novelist Earl Lovelace, April 27, 4:30 p.m., 122 Rockefeller Hall.

RELIGION

Sage Chapel

Professor Ian Hancock, University of Texas, will deliver the sermon at Sage Chapel on April 29 (Yom Hashoah/Holocaust Memorial). His sermon will be "Gypsies in the Holocaust: Before, During & After." The service will begin at 11 a.m. Music will be provided by the Sage Chapel Choir. Sage is a non-sectarian chapel that fosters dialogue and exploration with and among the major faith traditions.

Weekly meetings on campus. Call 257-4497 for information.

Catholic

Mass: Saturdays, 5 p.m., Anabel Taylor Auditorium. Mass: Sundays, 9:30 a.m., 11 a.m., 5 p.m., Anabel Taylor Auditorium. Daily Masses, Monday through Friday, 10 p.m., Anabel Taylor Chapel.

Christian Science

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

Episcopal (Anglican)

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

Friends (Quakers)

Sundays, 10 a.m., adult discussion; 11 a.m., worship for worship, Edwards Room, Anabel Taylor Hall. Call 272-8755 for information.

Jewish

Shabbat Services: Friday, Reform, 6 p.m., Chapel, Anabel Taylor Hall; Conservative, 6 p.m., Founders Room; Orthodox, Young Israel (call 272-5810 for times). Saturday, Orthodox, 9:15 a.m., Edwards Room; Conservative/Egalitarian, 9:45 a.m., Founders Room.

Morning Minyan at Young Israel, 106 West Ave. Call 272-5810.

Korean Church

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

Lutheran

Bible Study and Communion, Fridays 12:20 p.m., G-3A Anabel Taylor Hall.

Muslim

Fridays, 1 p.m., Anabel Taylor Edwards Room.

Protestant

Protestant Cooperative Ministry: Bible study, Sundays, 10 a.m., G-7 Anabel Taylor; Sunday worship, 11 a.m., Anabel Taylor Chapel.

Zen Buddhism

Zazen practice Tuesdays at 7 p.m. and Thursdays at 5:10 p.m. in the chapel, Anabel Taylor Hall. For more information or to arrange beginner's instruction, telephone Jon Warland at 272-0235.

SEMINARS

Astronomy

"Systematics of Galaxy Properties: Hints About Their Formation," George Djorgovski, California Institute of Technology, May 3, 4:30 p.m., 105 Space Science Building.

Biochemistry

"Membrane Lipid Traffic in Animal Cells," Richard Pagano, embryology, Carnegie Institution of Washington, April 26, 3:30 p.m., Large Conference Room, Biotechnology Building.

"The Alpha Helix Revisited," George Ross, University of Pennsylvania, April 27, 4 p.m., Large Conference Room, Biotechnology Building.

Biophysics

"The Gramicidin Channel: A Molecular Tinker Toy," Olaf Anderson, Cornell Medical College, May 2, 4:30 p.m., 700 Clark Hall.

Chemical Engineering

"Use of Multiple Excitation Fluorometry for Monitoring and Control of Bioreactors," Arthur Humphrey, Lehigh University, May 1, 4:15 p.m., 245 Olin Hall.

Chemistry

Baker Lectures

"Nuclear Magnetic Resonance at Low (But Not Negative) Temperatures," John Waugh, Massachusetts Institute of Technology, and the George Fisher Baker Lecturer, April 26, 11:15 a.m., 119 Baker Laboratory.

General Chemistry Colloquium, "Building a Metal, Atom by Atom," Robert Whetten, UCLA, May 3, 4:40 p.m., 119 Baker Laboratory.

CISER

"The Labor Market for Biological and Behavioral Scientists," Robert McGinnis, Cornell, Forum on Labor Force Issues, April 27, 12:15 p.m., 340 Uris Hall.

Communication

Title to be announced, Debbie Peterson and Joe Compagni, April 27, 2:45 p.m., 213 Academic I.

Ecology & Systematics

"Journey to Kennebec: Where Nature and History Meet," William J. Cronon, Yale University, May 2, 4:30 p.m., Morison Seminar Room, Corson/Mudd Hall.

Electrical Engineering

"Nonequilibrium Phase Transition and Chaos in Semiconductors," Eckehard Scholl, Institute of Theoretical Physics, Technical University of Berlin, West Germany, co-sponsored by electrical, and mechanical and aerospace engineering, May 3, 4:30 p.m., 219 Phillips Hall.

Environmental Toxicology

"Pharmaceutical Toxicology/Cancer Chemotherapy," Michael Colvin, Johns Hopkins School of Medicine, April 27, 12:20 p.m., 304 Fernow Hall.



Angela Heck portrays Snjofridur in "Tales From the Gimli Hospital." The cult movie will have its Ithaca premiere on Friday, April 27, at 10:20 p.m. and on Saturday, April 28, at 8 p.m. in Uris Auditorium. The admission charge is \$4. "Tales" spoofs children's movies, Scandinavian documentaries, silent movies and the avant-garde.

Epidemiology

"Maternal Cigarette Smoking and Birth Outcome Related to Placental Histomorphology," Nancy Ostiguy, Cornell, April 27, 12:20 p.m., 260 Warren Hall.

Floriculture & Ornamental Horticulture

"Groundcovers: Annual Rates of Spread and Weed Suppression," Duncan Himmelman, Cornell, April 26, 12:15 p.m., 404 Plant Science.

"Phenolic Differences Among Etiolated and Light-Grown Carpinus," John Englert, Cornell, May 3, 12:15 p.m., 404 Plant Science.

Food Science

"Health Claims in Food Marketing: A Scientific and Business Dilemma," Paul Hopper, General Foods U.S.A., May 1, 4:30 p.m., 204 Stocking Hall.

Genetics & Development

"Genetic Analysis of Centromeres and Chromosome Stability in Yeast," Phil Hieter, April 30, 4 p.m., Conference Room, Biotechnology Building.

Graduate Field of Regional Science

"Estimating Willingness-to-Pay for Transportation, Housing and Environmental Qualities: A Case Study of the Haifa Metropolitan Area," Daniel Shefer, University of Pennsylvania, co-sponsored by School of Civil and Environmental Engineering, International Studies in Planning and City and Regional Planning, April 27, 3 p.m., 115 West Sibley.

History & Philosophy of Science & Technology

"So much Depends Upon a Red Wheelbarrow: Agricultural Technology in Early America," Judith McGaw, University of Pennsylvania, May 2, 4:30 p.m., 110 Rockefeller Hall.

Immunology

"Host Defense in Experimental Visceral Leishmaniasis," Henry W. Murray, Cornell Medical College, co-sponsored by Biotechnology Program, April 27, 12:15 p.m., G-3 Vet Research Tower.

Institute for African Development

"Population, Agriculture and the Environment in the Third World," Richard Bilsborrow, University of North Carolina, April 27, 3:30 p.m., 32 Warren Hall.

"Small-Scale Industries in Employment Generation: Implications for Participatory Development in Nigeria," Adenike Ojo, Cornell, April 30, 12:15 p.m., 115 West Sibley Hall.

International Nutrition

"Infant Feeding Practices and Morbidity Among the Bedouin of the Negev," Lechaim Naggan, Beersheba Medical School, Israel, April 26, 12:15 p.m., 200 Savage Hall.

"Community, Nutrition and Health Issues in Bangladesh," Florence McCarthy, Cornell, May 3, 12:15 p.m., 200 Savage Hall.

Jugatae

"Sex-Ratio and Sex-Specific Host Relationships in an Autoparasitoid," Molly Hunter, Cornell, April 30, 4 p.m., Morison Seminar Room, Corson/Mudd Hall.

Natural Resources

"Towards Responsible Great Lakes Shore Resource Management," William Kamphuis, Queens University, Ontario, May 1, 12:20 p.m., 304 Femow Hall.

"Agrarian Structure in Relation to the Destruction of Ecuador's Tropical Rain Forests," Jorge Uquillas R., University of Kentucky, May 3, 12:20 p.m., 304 Femow Hall.

Neurobiology & Behavior

"Multimodal Cue Redundancy: Pheromones and Ultrasound in the Courtship of an Arctiid Moth," William Conner, Wake Forest University, May 3, 12:30 p.m., Morison Seminar Room, Corson/Mudd Hall.

Nutrition

"Caloric Regulation in Rats," Amy Novak, Cornell, April 30, 4:30 p.m., 100 Savage Hall.

Operations Research & Industrial Engineering

Manufacturing Engineering Seminar, "The Joys and Perils of Entrepreneurship," Philippe Villers, Villers Foundation, April 27, 4:30 p.m., Schwartz Auditorium, Rockefeller Hall.

Ornithology

"Show Me the Way Home: How Pigeons Find Their Way," Charles Walcott, Cornell, April 30, 7:45 p.m., Laboratory of Ornithology, 159 Sapsucker Woods Road.

Peace Studies Program

"The Communist Threat is Dead: Long Live U.S. Intervention. Reflections on Washington's Approach to Latin America in the Post-Reagan Era," Eldon Kenworthy, Cornell, April 26, 12:15 p.m., G-08 Uris Hall.

"Political Theory of Strategic Arms Control," Franklyn Griffiths, University of Toronto, May 3, 12:15 p.m., G-08 Uris Hall.

ANNUAL MEETING OF THE AMERICAN CHEMICAL SOCIETY

Unraveling fabrics' finish

Cornell researchers have devised an analytical technique that can explain why a chemical treatment commonly used in manufacturing polyester fabric makes it more like natural fibers — silkier and more wettable. The treatment, or "finish," involves soaking the fabric in an alkaline solution of sodium hydroxide.

While the scientists' research does not have direct practical significance for making polyester garments, it aids theoretical understanding of the finishing treatment.

The Cornell scientists, Camille Solbrig and S. Kay Obendorf, reported that they could study in detail the surface of the polyester fabric by substituting cesium hydroxide for sodium hydroxide in the finishing process. The cesium hydroxide modifies the polyester just as does the

sodium hydroxide. But because cesium is a much heavier element than sodium, it produces a useful analytical signal when subjected to neutron activation analysis and gamma spectroscopy.

Solbrig, a graduate student in the Fabric Science Program in Cornell's College of Human Ecology, and Obendorf, chairwoman of the Textiles and Apparel Department, reported their work earlier this week in Boston at the national meeting of the American Chemical Society.

"Industry is looking for ways to change the properties of polyester to make it more like natural fibers," Solbrig said. "American consumers rejected polyester in the early 1970s but, in the meanwhile, the Japanese have made silkier-looking polyesters."

"Finishing, which alters the surface properties of the fiber, is an important way of developing new textiles, because pretty much all the materials that can be made have been made," she continued.

Fabrics treated in alkaline solution are more wickable, or better able to move perspiration away from the body, and their weaves are looser, making them drape better over the

body, Solbrig said.

Scientists theorize that finishing produces better wettability because splitting the polyester's chainlike polymer molecules with sodium hydroxide introduces hydrophilic, or "water-loving," molecular units called carboxylate end-groups onto the fiber surface.

Until now, the extent of this chemical change was not well understood, in part because extremely sensitive techniques are needed to analyze the chemical structure of only the surface of materials made of polyester. The Cornell scientists' techniques allow them to measure the carboxylate end-groups on the surface of polyester (polyethylene terephthalate) fabrics and films.

Using their analytical technique, the scientists were able to quantitatively determine the number of carboxylate end-groups on the polyester molecule, discovering significantly more such end-groups in treated than untreated fabric.

Their results support the theory that increasing the number of carboxylate end-groups produces the enhanced wettability of alkaline-treated polyester fabric.

—Carole Stone



Chris Hildreth

Textiles and apparel Professor S. Kay Obendorf, right, and Ph.D. candidate Camille Solbrig test fabric finish.



Chris Hildreth

The Albert R. Mann Library's director, Jan K. Olsen.

Computerizing a discipline

Chemists are the experimental subjects instead of the experimenters in a Cornell study to learn whether the core literature of an entire scientific discipline can be stored on computers by publishers and used by scholars.

All the text, formulae and figures in seven years' worth of 20 journals published by the American Chemical Society (ACS) will be available at the desk-top computers of 150 Cornell faculty members and students of chemistry who are participating in the joint university-industry-society study called CORE, the Chemistry On-line Retrieval Experiment.

The data base, consisting of some 600,000 pages, will be stored on magnetic media and high-capacity optical disks and will be available this fall.

CORE could set the example for full-text journal delivery systems in other scientific disciplines, according to Jan K. Olsen, director of Cornell's Albert R. Mann Library. Olsen described CORE at the national meeting of the American Chemical Society in Boston earlier this week.

The Albert R. Mann Library is the principal investigator

in the CORE project in collaboration with the American Chemical Society, BellCore (Bell Communications Research), Chemical Abstracts, and OCLC, the nationwide data base of library catalogs.

"To our knowledge, CORE is the first attempt by a university to build a journal-retrieval system in cooperation with corporate sponsors and a professional association," Olsen said.

The Chemical Society provided CORE with computer tapes of the texts of each journal for the past seven years. Because the tapes were originally made for typesetting, they do not include important graphics material such as the authors' depictions of chemical structures. To integrate graphics with text, a special page-scanning program from BellCore was needed, and CORE users can see journal pages on their computer screen.

Besides page-by-page reading of journal articles, CORE users can manipulate the information in others ways, such as retrieving all abstracts by a given author, all bibliographies on a certain subject or every mention of a particular chemical compound.

Two different user interfaces are being tested. "Superbook" by BellCore and "DIADEM" by OCLC. The user interface is the "front end" of the system, which provides users with instructions and which guides all retrieval of information, Olsen explained.

"We hope the user training will be absolutely minimal," she said. "The test of a good interface is if it can be used without training. The scholars have told us they will not spend time learning the system. That comes from sophisticated as well as naive computer users."

Participants in the CORE experiment will be observed as they go about their day-to-day scholarly activities, using the computer to retrieve journal material — or turning to their bookshelf or library, as they wish, Olsen explained. Some selected subjects will be asked to perform tasks with the CORE system and others with the printed journals. One task might be to research and write a review article on a topic in their field; other chemists then would be asked to critique the articles to determine the "intellectual effect" of one method versus the other, she said.

"Some printed material may never be appropriate for conversion into electronic form," said the librarian, an admitted lover of books. "There is something about the structure of certain books. Maybe it's the texture of the paper, the type, the smell, the feel — call it the 'tactile sense' — that simply cannot be conveyed with a computer screen."

"But when we asked the chemists whether those aesthetic considerations were important in their journal literature, most said, 'No, give us the material in the most efficient form.'"

—Roger Segelken

'Ethics made practical' meeting's topic

The moral underpinnings of local environmental decisions will be examined when community leaders and experts in government meet on Monday, April 30, and Tuesday, May 1, at Cornell's 14th Annual Social Trends and Outlook Conference.

"Ethics Made Practical: Fairness, Participation and Power in Local Environmental Decision-making" is the title of the two-day conference in the Lansing Holiday Inn. The meeting is expected to draw about 100 elected and appointed local government officials; county extension agents and members of extension boards and committees; members and staffs of county environmental management councils, environmental advocacy groups and planning boards; and other interested individuals.

"Ethics are the moral underpinnings for many local environmental decisions," said Paul R. Eberts, a Cornell associate professor of rural sociology and coordinator of the conference. "Often these ethics make unstated assumptions about what is fair, who should participate in

decisions and whose power should win the day.

"This conference will examine many key, unstated assumptions and their local implications from the standpoint of university professors, advocacy spokesmen, local elected and appointed officials and educators," Eberts said. "These leaders will present their experiences in dealing with conflicts and challenges in making ethics practical."

Conference topics include ethics as a tool in environmental decisions, local responsibilities versus state power in policy-setting and policy-implementing processes, advocacy-group perspectives on building environmental awareness, and organizing for local empowerment. Co-sponsors of the ethics conference are Cornell's Community and Rural Development Institute, Center for Environmental Research, Agricultural Economics-Local Government Program, and the Departments of Natural Resources and of Rural Sociology, as well as Cornell Cooperative Extension.

LOW continued from page 1

The banner was designed by the school's graphics illustrator, Teresa Howley. Receiving the banner were Francis Moon, professor and director of the Sibley School; senior Jason Stahlman, president of the Cornell student section of the American Institute of Aeronautics and Astronautics; and senior Jerry Zygmuntowicz, president of the student section of the American Society of Mechanical Engineers.

"We feel that the sky's the limit after looking at what you've done," Zygmuntowicz told Low, as the students presented the astronaut with a sweatshirt and T-shirt with the Sibley-in-Space logo. Low also presented Cornell with a photo montage depicting the Columbia flight, called STS-32, including an American flag and an STS-32 patch, both of which flew on the mission.

Low said that he hopes to make another flight in about two years. He also hopes to take part in the development of the space station, set to begin construction in about five years.

Senior Provost Robert Barker, who accepted the montage and hosted the news conference, emphatically invited Low back to Cornell again after his next flight.

—Dennis Meredith

Greenhouse effect statement issued

Climatologists at the nation's six federally funded regional climate centers, one of which is at Cornell, have issued a statement on "Climate Change and the Greenhouse Effect" aimed at explaining the issue to the public.

The statement emphasizes the primitive nature of global climate models that scientists use in making projections on the earth's climate change resulting from global warming due to the greenhouse effect.

These models are too primitive to make any precise prediction on global climate change and should be refined to be reliable, they asserted in the statement.

The statement was prepared jointly by scientists at the Northeast Regional Climate Center at Cornell and at centers in Illinois, Louisiana, Nebraska, Nevada and South Carolina. These centers provide regional climate data and information to the public and private users.

The drought of 1988, albeit its extraordinary severity, for example, was by no means the first symptom of global warming, they contended. "It fits within the historical range of climatic extremes over the past 100 years" and was not the result of global warming caused by increased levels of carbon dioxide and other gases in the atmosphere.

They also pointed out the global climate models "cannot specify, with any accuracy, whether climate change will occur gradually or in a series of major changes interspersed with years of little change. Such uncertainties over the transition of climate also make any association with the drought of 1988 impossible."

"This is a well-considered, consensus statement prepared by professional scientists in the field of climatology," said one of the authors of the statement, Warren W. Knapp, director of Cornell's Northeast Regional Climate Center. "The intent of the statement is to inform lay-people and provide the perspective on a current issue that is often sen-

sationally treated in the media." Knapp is a professor in the Department of Soil, Crop and Atmospheric Sciences in the College of Agriculture and Life Sciences.

Global climate change due to the greenhouse effect, however, is an issue of growing national and international concern, the climatologists said. Current concern about the greenhouse effect is based on the hypothesis that increased levels in the atmosphere of carbon dioxide, chlorofluorocarbons, methane, ozone and nitrous oxide, among other gases, act much like a thermal blanket, trapping the sun's energy radiated by the earth's surface, thus raising global air temperatures near the earth's surface.

Although there is clear evidence that carbon dioxide and the other trace gases have been increasing for more than a century as a result of increased burning of fossil fuels, the concentration of carbon dioxide in the atmosphere is still quite low, about 350 parts per million at present, the climatologists noted.

"Atmospheric carbon dioxide concentration has increased by about 25 percent since 1850, with most of the increase occurring in the last three decades," they said. "Typical projections based on estimates of future fossil fuel use suggest that the concentration of carbon dioxide in the atmosphere will double at some time in the next century."

Based on increased concentration of carbon dioxide and other gases over the century, scientists who use the global climate models predict increases of 2 to 6 degrees Celsius in the global average temperature. The increased warming would boost the moisture in the atmosphere, altering clouds and precipitation, the climatologists said. "We know that increased warming will increase the atmosphere's water-holding capacity, but how this will affect the frequency and duration of clouds is not clear."

Clouds reduce the amount of solar radiation reaching the

earth's surface, and added cloudiness might act as a "buffer" to reduce overall global warming, they pointed out, noting, "The models used to study global warming do not yet treat clouds in sufficient detail to allow a definitive study of this feedback process."

Disagreement in predictions among the different climate models is particularly evident for precipitation, they argued. For example, the predictions of one global climate model, when used as a basis for predicting water levels of the Great Lakes, indicates that in 50 years the level of Lake Michigan will be 2 feet lower than the current average. Meanwhile, another climate model predicts a 9-foot decrease.

"This difference would create vastly different effects on water supplies, transportation, and the economies of the U.S. and Canada," they noted.

The climatologists urged that further development and refinement of the global climate models is essential. In addition, close monitoring of the global climate, including measurements to document physical conditions such as cloud albedo, effects of ice on radiation balance and natural chemicals in the atmosphere, should be undertaken.

"We should not deny the seriousness of the greenhouse-climate change issue," they stressed. "The major scientific uncertainties make it necessary, at present, to study specific actions in response to currently predicted climate changes."

Established in 1983, the Northeast Regional Climate Center at Cornell provides up-to-date weather and climate information to people throughout the Northeast. Users of such information include meteorologists, government offices, the news media and educational institutions. The center at Cornell and those in other regions are largely supported by federal funds administered through the National Oceanographic and Atmospheric Administration.

—Yong H. Kim

Students examine volunteerism

There is a crying need to better focus a growing surge of interest in community service among the nation's college students, according to some 70 students and guest speakers who attended a two-day, student-run conference on community service in Malott Hall on April 20 and 21.

While such issues as food for the hungry, homes for the homeless, literacy for the illiterate and care for the environment formed the background, the conference concluded that, in order to "capitalize on this student momentum," there must be improved systems of networking and communications among the colleges and even among the various service groups within the schools.

Possible ways that this may be accomplished, such as publishing newsletters and scheduling joint meetings, will be the subject of a summary of the conference to be prepared by C. David Walsh, a Cornell senior majoring in agricultural economics who is chairman of the conference steering committee made up of Cornell students.

Students from nine schools in the area, including Wells, Ithaca and Hartwick colleges and Colgate University, attended.

Among the speakers were President Frank H.T. Rhodes; Leslie Samuelrich, campaign director of the National Student Campaign Against Hunger and Homelessness; and Louy Meacham, managing director of Campus Outreach Opportunity League (COOL), a national non-profit organization run principally by current students and recent graduates.

Meacham said she has attended dozens of similar conferences on the subject across the country in the past three years. "I am excited the degree of sophistication and commitment among college students in the area of community service," she said.

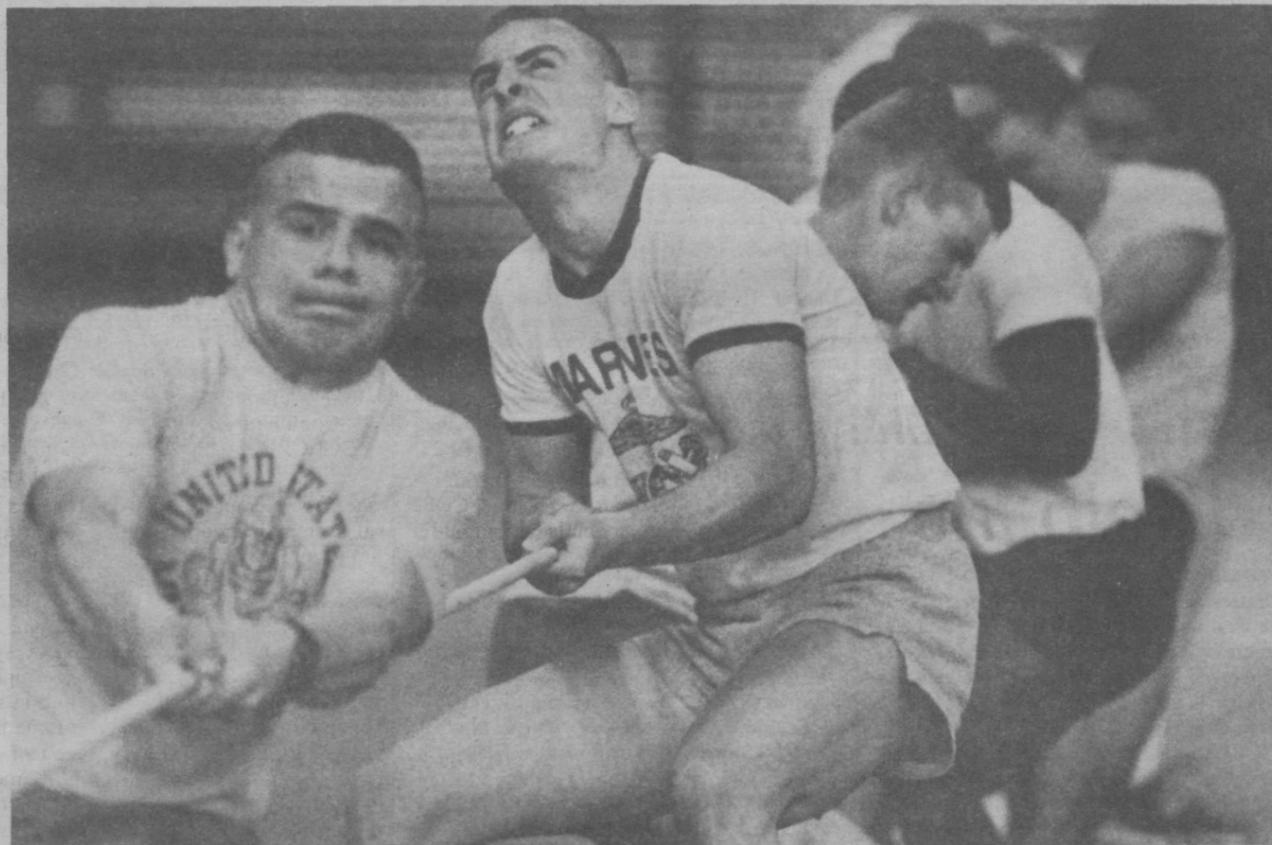
Symposia *continued from page 1*

ellite uplink. And an Oct. 11, 1991, symposium in San Francisco will be part of a four-day celebration titled "Cornell in California" that will include the Cornell vs. Stanford football game on Saturday, Oct. 12, 1991, at Stanford Stadium.

The symposia are designed to honor the vision of university founders Ezra Cornell and Andrew Dickson White, who melded philosophical ideas with practical goals and presaged modern educators by suggesting that a university should concern itself with service to the community, Stahl said.

—Lisa Bennett

ROTC shows its pull



Tim Moersh

John Luchsinger, left, and Bret Massey of the First Platoon of Alpha Company give the tug of war their all during the Navy ROTC Battalion Athletic Day in Barton Hall last week. Other events included basketball.

Julia Child plans visit

Cooking expert Julia Child will visit Cornell on Monday, April 30, to meet students in the School of Hotel Administration and promote membership in the American Institute of Wine & Food.

Child, 77, is honorary chairperson and co-founder of the institute, which was organized in 1981 to "advance the understanding, appreciation and quality of wine and food." The institute has about 5,000 members.

The author of seven cookbooks demonstrates her culinary skills on national television. She has appeared many times on the Public Broadcasting Service and on ABC's "Good Morning America." Her most recent book, "The Way To Cook" (Knopf 1989), has sold more than 300,000 copies despite its list price of \$50.

At Cornell, Child will attend the class, "Gastronomy: Understanding Food-and-Wine Pairing Principles," that is taught by Barbara Lang, a lecturer in the Hotel School.

Child also will watch demonstrations of

food and wine computer programs developed by Hotel School Professor Stephen Mutkoski and lecturer Thomas Neuhaus. She will sign copies of her new book, "The Way to Cook," from 6:30 to 7:30 p.m. in the Carrier Ballroom of the Statler Hotel, where copies of the book will be on sale.

All proceeds from the sale of the book will go to the institute with \$200 pledged to the institute's chapter that is being organized at Cornell, Lang said.

Child wrote her first cookbook, "Mastering the Art of French Cooking," in 1961 after studying at Cordon Bleu in Paris, where she started a cooking school.

She was born in California. She worked for the Office of Strategic Services (OSS), forerunner of the CIA, during World War II in Washington, Ceylon and China. In Ceylon, now Sri Lanka, she met Paul Child, the man she married in 1945, who was an OSS official and a connoisseur of fine cooking.

"I didn't really get interested in food until I met Paul," she has said.

—Albert E. Kaff

Schieffelin hikes scholarship aid for Hotel School

Schieffelin & Somerset Co. of New York City, a major importer of wines and spirits, has increased the endowment of three of its scholarships in the School of Hotel Administration by \$61,500.

The company established three scholarships in 1988. They are awarded on the basis of a student's demonstrated interest in food and beverage management.

The funds are provided by magazines in which Schieffelin & Somerset advertise. Normally, magazines give merchandise allowances to their advertisers. But Clint Rodenberg, the firm's senior vice president for marketing and a 1969 graduate of the Hotel School, convinced the magazines' managements that promotional dollars would be better utilized in scholarships.

This year's scholarships went to James Hume, Vestal, N.Y., a sophomore; Olga Odoseey, Philadelphia, a senior; and Nodra Gafton, Alexandria, Va., a senior.

Classes design, test circuitry

Most university engineering courses in microwave electronics are plenty of talk and not much action. They rely heavily on lectures about the advanced devices — used in supercomputers, satellite television systems and high-speed communications. Occasionally students get to perform measurements on preassembled circuits or use a computer to design simplified circuits.

But engineering students in Cornell University's microwave electronics courses, EE 533 and EE 534, really do something with this vital technology. Thanks to corporate donations of advanced equipment, they design, build and test sophisticated microwave circuits using the same components found in the most sophisticated commercial systems.

Over the last two years, such donations have brought \$300,000 in new equipment to the laboratory.

The latest equipment donations — computers from International Business Machines Corp. and a spectrum analyzer and a microwave signal source from Hewlett-Packard Corp. — arrived last month. Another spectrum analyzer was purchased with a grant from the AT&T Foundation.

The lab, which is used by both undergraduates and graduate students, also has received grants from the National Science Foundation and Raytheon Co. to further develop the laboratory. The students use electronic components donated by Motorola Inc., Fujitsu Ltd. and the Watkins-Johnson Co.

"Using this equipment, the students can carry the process full cycle," said Richard Compton, the assistant professor of electrical engineering who runs the course. "They develop a circuit using a computer-aided-design (CAD) package developed here, they build the circuit and test it, and then they compare the results with what the theoretical design predicted.

"They're not just plugging in a canned experiment and turning a switch," he said. "As a result, basics taught in lectures are reinforced positively, and the students understand the limitations of theory and how it interacts with real-life devices." Such understanding means that they will be far better prepared for such tasks once they enter industry, Compton said.

—Dennis Meredith



David Lynch-Benjamin

Assistant Professor Richard Compton works with master's of engineering candidate Lisa Peterson.

Boehlert *continued from page 1*

especially in partnership with business and government — in helping advance American competitiveness. But he added, "Industrial performance is not the greatest fear driving debate over science and technology policy. The greatest fear is the condition of our education system," which is not producing a scientifically literate blue-collar work force and advanced students for science and engineering.

Besides favoring action to strengthen college teaching, universities "must do more to help improve education at the pre-college level," he said, noting that there are "many examples" of such help at Cornell and citing chances for high school students to work at the supercomputer center.

Management workshop set

The Cornell Institute of Collective Bargaining and the Management Programs Group in the School of Industrial and Labor Relations will conduct a workshop for industrial relations professionals on changes and new strategies in labor-management relations from Tuesday, May 8, at 9 a.m. to Wednesday, May 9, at 5 p.m.

"The pressures of international and non-union competition have led to the development of a new system of industrial relations," said Harry Katz, director of the institute and a professor of collective bargaining in the Industrial and Labor Relations School.

"Our workshop will provide insight into what is changing, why these changes are occurring and how leading-edge organizations are implementing successful innovative strategies."

Katz, a specialist on labor in the automotive industry, is co-author of "The Transformation of American Industrial Relations" (Basic Books), which won the Academy of Management's 1988 Terry Book Prize for significant research in management. He will speak at the workshop on the topic, "The Transformation of Industrial Relations."

Other speakers, all of whom are from Cornell, will include:

- John Abowd, a professor of labor economics, on "The Macroeconomy and Financial Restructuring."

- Michael Gaffney, director of the Program for Employment and Workplace Systems, on "Workplace Changes and Their Links to New Manufacturing Methods."

- Robert Landsman, director of the Industrial and Labor Relations extension office in Rochester and former director of labor relations for Xerox Corp., on "A Management Perspective: New Management Roles and Strategies."

- George Milkovich, a professor of personnel and human resources management, on "Compensation: How It Can Be Linked to New Systems of Work."

- Ron Seeber, associate dean for extension and public service, School of Industrial and Labor Relations, on "New Union Strategies."

- David Stotz, administrative director of the Industrial and Labor Relations Extension Division, on "Demonstration Lab in Collective Bargaining Contract Costing."

—Albert E. Kaff

CALENDAR

continued from page 5

Pharmacology

"Molecular Mechanisms of Atrial Natriuretic Peptide Inhibition of Renal Sodium Transport," Bruce Stanton, Dartmouth Medical School, April 30, 4:30 p.m., G-3 Vet Research Tower.

Physiology

"Secondary Ion Mass Spectrometry: A New Technique for the Study of Epithelial Calcium Transport," Curtis Fullmer, May 1, 4:30 p.m., G-3 Vet Research Tower.

Plant Biology

"Calcium, Salinity and the Plasma Membrane of Plant Cells," Andre Lauchli, University of California, Davis, April 27, 11:15 a.m., 404 Plant Science Building.

Plant Breeding & Biometry

"Breeding for Drought Resistance in Rice," David J. Mackill, IRRI, The Philippines, May 1, 12:20 p.m., 135 Emerson Hall.

Plant Pathology

"New Phytochemical Diseases in Poland," Meg Schollenberger, May 1, 4:30 p.m., 404 Plant Science Building.

Population & Development Program

"Population, Agriculture and the Environment in the Third World," Richard E. Bilsborrow, University of North Carolina, Chapel Hill, co-sponsored by Rural Sociology, April 27, 3:30 p.m., 32 Warren Hall.

Poultry Biology

"Chicken Macrophages: Functional Changes Associated with Physiological/Environmental Factors," Muquarrab A. Qureshi, North Carolina State, April 26, 4:30 p.m., 300 Rice Hall.

Psychology

"Studies in Melody Perception: Extending Principles of Tonal Structures," Lola Cuddy, Queens University, April 27, 3:30 p.m., 202 Uris Hall.

Science, Technology & Society

"Dietary Recommendations to Prevent Cancer, Heart Disease, etc.: Sense and Nonsense," Colin Campbell, Cornell, April 30, 12:15 p.m., 609 Clark Hall.

Sociology

"The Career Patterns of Physicians," Jerry Jacobs, University of Pennsylvania, April 27, 3:30 p.m., 302 Uris Hall.

Soil, Crop & Atmospheric Sciences

Title to be announced, Laurent Charlet, University of Bern, May 1, 4 p.m., 135 Emerson Hall.

Soviet & East European Studies

"Czechoslovakia, Spring 1990: Impressions of a Visit," George Gibian, Cornell, co-sponsored by Western Societies, May 2, 12:15 p.m., Uris G-08.

Stability, Transition & Turbulence

"Local Character of Pressure-Strain-Rate, Vorticity and Reynolds Stress in Homogeneous Turbulent Shear Flow," J.G. Brasseur, Pennsylvania State University, May 1, 12:30 p.m., Grumman Conference Room.

Textiles & Apparel

"Thermal & Optical Methodology Applicable for Determining the Cause of Failure in Textiles," Jack Gedney and Virginia Schmidt, American Cyanamid, April 26, 317 Martha Van Rensselaer Hall.

Theoretical & Applied Mechanics

"Non-Classical Hamiltonians in Classical Mechanics," J. Maddocks, University of Maryland, May 2, 4:30 p.m., 205 Thurston Hall.

Vegetable Crops

"The Controlled Environmental Agriculture Program at Cornell," Robert Langhans, Cornell, April 26, 4:30 p.m., 404 Plant Science Building.

"Assessing Compensatory Growth Following Defoliation in Potato," Gay Nicholson, Cornell, May 3, 4:30 p.m., 404 Plant Science Building.

Western Societies

"Experiences of Cancer: Patients' Autobiographies," Rudolf Kaeser, Swiss National Foundation, April 27, 12:15 p.m., 153 Uris Hall.

"Intellectuals and Social Change: Fall 1989 in the German Democratic Republic," Frank Hornigk, Humboldt University, East Berlin, April 27, 4:30 p.m., G-08 Uris Hall.

"Imagining the 'Parallel Polis': State Society and the German Conservative Resistance to Hitler," Robert Whalen, Queens College, April 30, 4:30 p.m., G-08 Uris Hall.

"France and Decolonization," Andre Nouschi, University of Nice, May 3, 12:15 p.m., 153 Uris Hall.

"Representing Events: Writing History in Postwar France," Steven Unger, University of Iowa, May 3, 4:30 p.m., 277 Goldwin Smith Hall.

THEATER

Department of Theatre Arts

"Cyrano De Bergerac," directed by David Feldshuh and starring Gabriel Barre, a guest artist, and Neer Rellan, a student of the Theatre Arts' Advanced Undergraduate Training Program, through April 28 and May 2 through 5 at 8 p.m. at the Center for Theatre Arts. Tickets are on sale for \$4 and \$6. To make reservations or for more information, call 254-ARTS.

Africana Studies & Research Center

"Colored People's Time," a play by Leslie Lee, will be presented on April 28 at 8 p.m. and April 30 at 8 p.m. in Anabel Taylor Auditorium. The play consists of a series of scenes depicting highlights of African-American history, each with different fictional characters, each set at a time when momentous social change is in the wind. The presentation, supervised by William Branch, a New York playwright, film producer and professor at the center, is being entirely produced, directed and acted by students in the center's Advanced Seminar in Black Theater and Dramatic Literature.

MISC.

Aerobics Classes

Employee aerobics will be given by Amy Brill on Mondays, Wednesdays and Fridays, 12:10 to 1:10 p.m., in Helen Newman Gymnasium. Fee is \$2 per class. For more information, call Debbie Gatch at 255-5133.

Cornell Garden Plots

Garden plots are available for rental. Single (\$6) and double (\$10) plots are at Cornell Quarters (off Mitchell Street) and Warren Farm (Bluegrass Lanes off Hanshaw Road). Send stamped, self-addressed envelope with phone number and desired location to Garden Plot, Box 871, Ithaca, N.Y. 14851. Do not send money. You will receive a priority number for distribution day, May 12. For further information, call 257-1281.

Cornell Plantations

"Bonsai Day," April 28, 11 a.m. to 3 p.m. in the Lewis Headquarters Building, Plantations. On display will be coniferous and deciduous bonsai specimens from native and Japanese trees. Plants, soil and pots will be on sale. Admission is \$2 (children \$1). For more information, 255-3020.

Cornell Potshop & Darkroom

The annual spring show and sale will be held April 30 through May 4, Tuesday through Thursday, 10 a.m. to 6 p.m. in the Willard Straight Hall Art Gallery. The opening reception will be April 30, 4 to 6 p.m.

Engineering Library

An introductory class on how to perform your own online searches using Knowledge Index (an inexpensive, enduser-based DIALOG system), will be held on May 1, 4:30 p.m., 202 Hollister Hall. For more information, 255-5935.

Macintosh Users' Group

MUGWUMP, the Macintosh Users' Group for Writers and Users of Mac Programs, meets on the first Thursday of each month. Meetings are free and beginners are welcome. For information, call 272-4158.

Networking

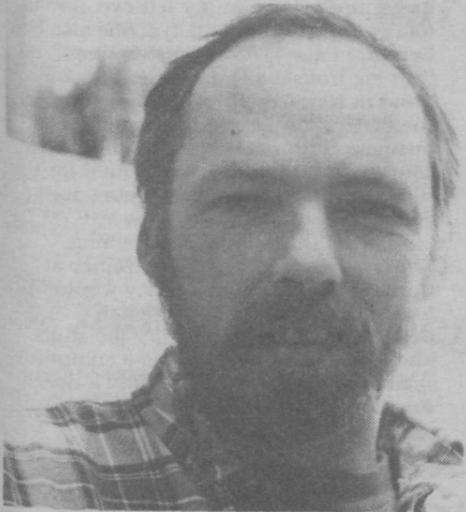
A Cornell Newsletter Published by Employees for Employees

Volume 10, Number 27

Thursday, April 26, 1990

Getting to Know CORNELL AT GENEVA

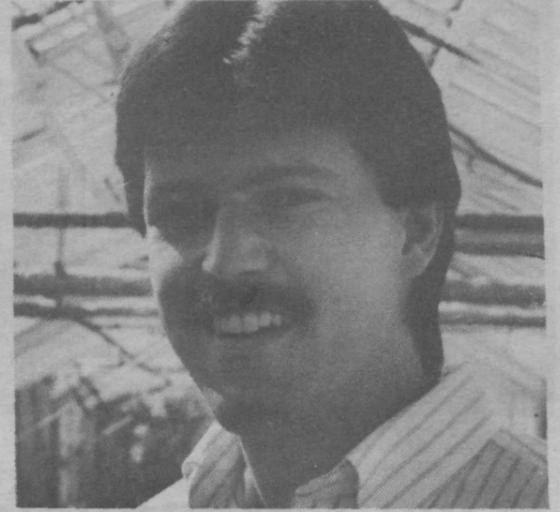
Cornell Meet Your Employees... Networking Roving Photographer asks Geneva Experiment Station employees:
"What advantages or disadvantages do you find in being a Cornell employee located in Geneva?"



Ralph Charlton, postdoctoral associate, Entomology:
"Advantages for a person such as myself as a post doc include a certain amount of independence with no distractions. I can spend time on research without the day-to-day distractions like when I was going to school. I've been here for three years and don't feel isolated since we have the means to get down to the main campus via a van which runs on a daily schedule. Also we can use the Station cars when we need to. Also, many seminars are offered here."



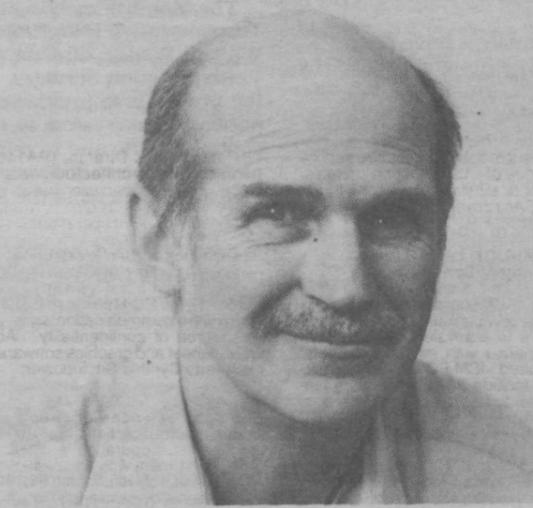
Janice Valerio, word processing operator, Plant Pathology:
"I enjoy the atmosphere here. It is a little less competitive and there are probably less hassles but I still have the advantage of the academic atmosphere and enjoy learning from the professors. We're able to get the same personnel benefits but are not always able to take advantage of taking classes on the main campus or participate in opportunities such as the Wellness Program."



Kevin Maloney, research support specialist, Horticultural Sciences:
"I feel there is a good connection between the Ithaca and Geneva campuses. I've been here for five years and see a real advantage in being able to enjoy the Finger Lakes and being up north close to my family. Some might not realize that there are over 400 people up here - it's like a small campus itself and many of us who work here often get to Ithaca for seminars, courses and the libraries."



Nancy Smith, research support specialist, Food Science and Technology:
"I do not have that many ties with the Cornell campus other than those with graduate students so I don't necessarily feel part of the Cornell campus. I live 50 miles in the other direction from Geneva, a good hundred miles from Cornell, and wish we could be closer to attend some of the campus events. A big advantage is working with the Cornell grad students, seeing them progress to faculty positions and feel that we've touched their lives and imparted something to them."



Don Johnson, maintenance mechanic, Buildings and Properties:
"In Geneva it's quite a bit more easy to find a parking place and we don't have to walk so far. There's a very good sense of belonging here, some very nice people and I have been able to work in areas of my interest: I'm very happy right now to be working on cost savings. I've been here more than six years and next year will contribute my ideas to the university's annual cost saving program on how we will save \$38,000 annually at our power plant."



Judy Birkett, administrative supervisor, Administration:
"There are more advantages to me living in this area - not having to travel and being closer to my family. I like the smaller more personal environment and enjoy good relations with the people at the Station. Disadvantages involve the fact that sometimes phone lines aren't always easy to get through but in most cases communication between Geneva and the Ithaca campus works pretty well."



Pat Nielsen, research support specialist, Horticultural Sciences:
"A big advantage to being in Geneva is the proximity to where I live and having the opportunity to do this kind of work. The opportunities for someone in agricultural research in the area are limited and this is a big plus for someone who enjoys this kind of work. We are limited here in our social and recreational activities and it would be nice to be closer to attend classes, workshops and to use the athletic facilities."



Jeanne Samimy, library aide, Library:
"I don't think there is enough interaction between the two communities. I don't go down to Ithaca very often and there is a disadvantage to being separated by 50 miles - it might as well be 500 miles away. I think Ithaca should come to us more often and inform us more on our rights as employees and our benefits. Sometimes I have the impression they don't want to take the time and come up here. I really don't know who's there or how to get in touch. An advantage is that Geneva is a nice place to work and I prefer the county."



Bruce Moore, printing machine operator, Communications Services:
"A disadvantage is that some of the courses and training available on the Ithaca campus are not available here. I don't have a need to travel back and forth and can do any business I need to over the phone. A lot of the Employee Day sporting events are a good idea but some take place in the evening and a lot of us aren't able to take advantage of them. I enjoy living in Geneva."

Spotlight on Shirley Slaven

By Kathleen O'Brien

A variety of jobs has taken this issue's Employee Spotlight from a position of being in training to learn job skills to the title she now holds as office assistant. In March 1976, Shirley Slavin started as a job trainee, progressed to temporary employee, then to full-fledged employee in August 1976.

Shirley started her career with Cornell University after receiving a Certificate of Completion for taking a Switchboard Receptionist Course at PBX Unlimited. She works at the New York State School of Industrial & Labor Relations, Metropolitan District Office of Cornell University, New York City.

Shirley's main responsibilities are to answer the centralized telephone system. As she writes, 'I answer telephone calls for the entire Cornell staff. I try to route the call to the appropriate staff member.'

If that person is unavailable, Shirley gives the caller as much assistance as she can. She also assists the Metro District Director Esta Bigler and Director of Administration Mory Korenblet.

Shirley supports staff when they need help with their various program needs. She arranges for pick-up by Federal Express and messengers, screens and informs staff when she answers calls, coordinates with the Ithaca campus health related questions, processes and prepares expense allocations and standard vouchers for payment of bills.

And she has the responsibility of

keeping the staff room schedule straight. Other duties include: calling necessary repair persons, operation and supply of the FAX machine, and training new people on the use of the telephone system.

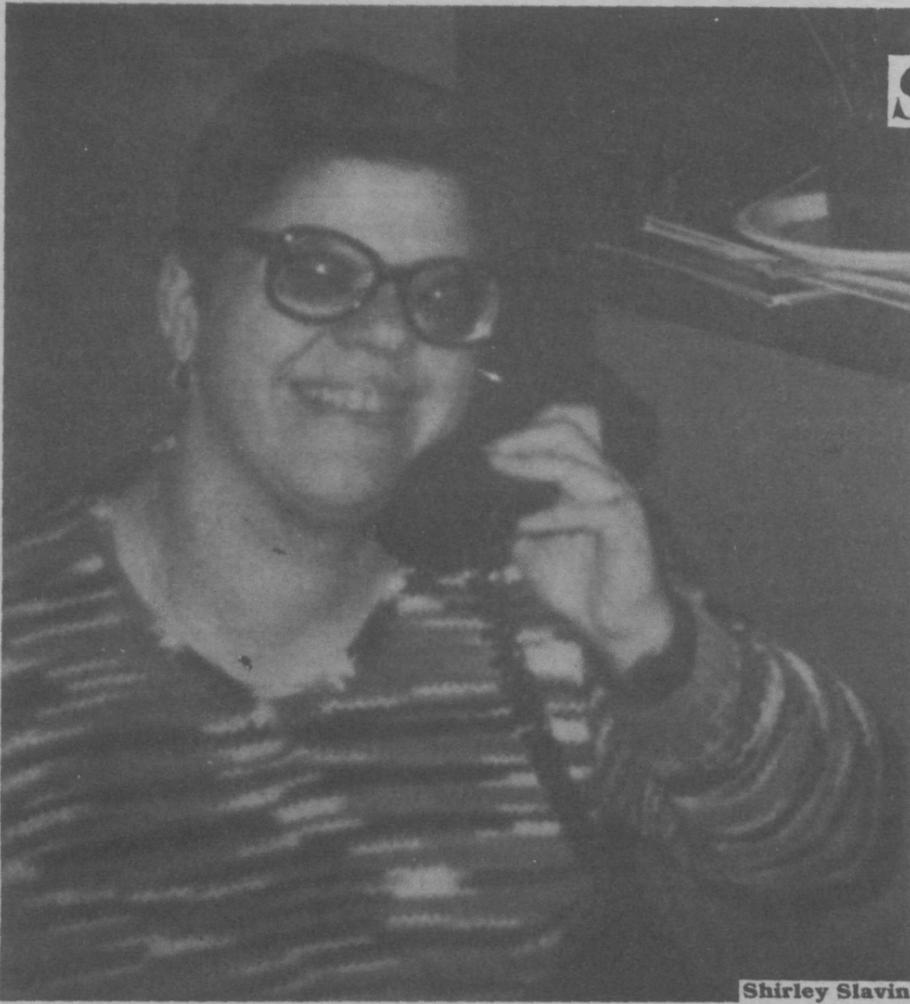
Shirley found it easy to express why she likes her job. 'I get a thrill every time I answer a telephone call or help a visitor,' Shirley writes, '... my main function since coming to Cornell has been to be the voice of Cornell. I'm usually the first person they speak with.' She also enjoys working with the entire staff no matter what job function she is assigned.

Shirley enjoys reading, knitting her own sweaters, watching game shows, or taking walks when the weather permits.

One added bit of information, Shirley has limited vision in her left eye, and is totally blind in the right eye. She also has Cerebral Palsy. After finishing her training from the Organization for the Blind in New York City, Shirley went to the Federation for the Handicapped for business training. She took additional courses through the Jewish Guild for the Blind in spelling, reading, typing and communication skills.

After all this specialized training, Shirley then began as a job trainee at Cornell I & LR School. Shirley would also like to continue her educational experience by improving her job skills and learning how to operate a computer.

Enthusiastic, concerned, and a doer!—this Cornell is what it is all about!



Shirley Slavin

What's Happening at the Employee Assembly?

By Theresa Pollard

Discussion on the Cornell Reclassification Review Study, the Transportation Pilot Project, the Board of Trustees Luncheon, and available dining services are just a few of the topics the Employee Assembly has been addressing over the last few months.

On February 7, Peter Tufford, associate director of OHR, spoke on the reclassification study being conducted throughout the university. A diversified group of about fifty employees, along with an outside consultant—Coopers & Lybrand—designed the reclassification questionnaire.

Exempt staff attended one of the thirty-five informative meetings that were held for instructions and questions on completing the surveys. Concerns

were expressed about the interpretation of some survey questions, the length of time allotted for completing and returning the forms, and whether all this information can be used for future studies. Tufford explained that this gathered material can be used for equity surveys.

Exempt questionnaires have been reviewed by departments and sent to the Office of Human Resources for analysis, while nonexempt staff will receive booklets later in the summer. The exempt staff will be available to assist in completion of these forms. Analysis of the information will be accomplished by joint steering committees of approximately twelve people consisting of Cornell employees and Coopers & Lybrand personnel utilizing computerized gathering of certain answers and actual

discussion of more involved questions. Members of the assembly would like to have the results presented to employees so that they can visualize how their jobs are classified as compared to other positions.

The March 7 meeting focused on the Transportation Pilot Project presented by William Wendt, director of the Office of Transportation Services. The purpose of the project is to provide a more effective public transit system to reduce on-campus traffic and to relieve some of the parking congestion. There are four park and ride locations in the Freeville-Dryden area.

From March 1-April 3, 1990, the participants will use these lots and receive free passes for bus service to and from their cars. At the end of April, the

participants will be interviewed on how well they feel the transit system works and what they would like to see happen with public transportation.

At the last meeting, April 4, Peg Lacey from Dining Services discussed availability of dining facilities. Creation of facilities designated for employees only was discussed as an alternative to the crowded areas now available. Dining Services has agreed to publish information in this paper on available on-campus service.

As a final note, the Board of Trustees met with members of the Employee Assembly at a luncheon on March 16 held at the Statler. It was an excellent opportunity to discuss employee concerns and ideas as well as broader scope issues the Board is currently reviewing.

Cornell Golf Club Swings into New Season

The Cornell University Golf Club is open for the 1990 season. The golf course was completed in 1953 by Robert Trent Jones, an alumnus of Cornell and the world's premier golf course architect. Our golf course was the former site of the National Junior Championship and the post qualifying course for both the U. S. Open and the National PGA Championship.

The course is presently the host of the High School Intersectionals and continues to be the final test for the New York State High School Championship. The Cornell course is home for the Ithaca and Lansing High School teams as well as Cornell and IC, the varsity teams. With 6823 yards and 60 bunkers, the course is a test for the very best players.

The PGA head professional at Cornell is Dick Costello who joined the staff in 1973 and assumed the top job in 1989. He is considered by his peers to be one of the top teachers in the game.

In 1988 Costello received the PGA Teacher of the Year award for Central New York. His golf background includes radio and television exposure and publication of articles in national golf magazines. He has also served as chairman of the Central New York PGA Education Committee.

As Cornell's chief golf administrator, he oversees the entire course operation and coaches the Cornell golf team. Dick offers a series of group lessons every spring. The lessons promote interest in golf and are extremely popular with both beginner and those with experience. This year's program will begin the week of May 8. Call the Golf Shop at 257-3661 for registration and information.

Dick Deibert is the golf course superintendent. He graduated from Penn State in 1972, majoring in turfgrass science, and came to work at Cornell in 1975. While at Penn State, he received credits and gained experience working at the Philadelphia Country Club.

He has knowledge of golf course construction and architecture as well as expertise in course maintenance. His talents at Cornell are well recognized. He has trained others in the field who have enjoyed great success in related fields and with the USGA. He is a member of the Golf Course Superintendents Association, the United States Golf Association, the New York Turfgrass Association and the Central New York State Course Superintendents Association.

Joining Dick Costello as business manager is Tracey Nichol. Tracey graduated from Cornell in 1985, earning a degree in Floriculture and Ornamental Horticulture. She has been involved in the hospitality industry, working for the Boulders Resort in Carefree, Arizona.

Since joining Dick in 1989, she has contributed greatly to the golf operation. Her introduction of women's apparel and her merchandising abilities are a great addition to the Golf Shop. Her present interest is the golf profession. Tracey wants to become a member of both the Ladies' and Men's Professional Golfers Associations. She will soon enter her apprenticeship and begin earning PGA credits.

This team is eager to see the regular members of the Cornell Golf Club and to greet new members and their guests. The membership will enjoy a great new

benefit for the 1990 season: Because of reciprocal agreements worked out during the winter months, Cornell Golf Club members will now have six other courses to enjoy for the price of their Cornell membership.

In addition, the golfers will find a Golf

Shop well stocked with state-of-the-art golf equipment as well as clubs suited for the beginner. An expanded men's and women's line of clothing has also been added.

Stop by and see what the Cornell Golf Club has to offer.



Cornell Golf Course Superintendent Dick Deibert, Business Manager Tracey Nichol, and Golf Pro Dick Costello

Your Mother Wears Army Boots

Should Women Be Allowed in Combat?

By Theresa Vander Horn

The United States Congress is now taking up the issue of female participation in official combat duty. While it is unlikely that any great changes will take place in the very near future, public opinion expressed during the debate is sure to lay a foundation for future dialogue.

The issues involved in female

participation in combat inevitably extend into issues of parental rights, responsibilities, and priorities. Unlike regularly employed parents, military parents cannot 'opt out' when family conflicts arise. A military parent cannot cancel participation in military maneuvers as one might cancel a business trip; a military parent can't quit the service as one might quit a job if the

family-work conflict became too much to comfortably handle. Women have some tough questions to answer in determining their stance on this issue. Not only will men and women have to live with the answers, but children will have to as well.

Should women be allowed to participate in official combat duty? The

top ranking positions in the military all but require combat experience. Many qualified and dedicated women officers feel locked out of the truly powerful and strategic positions in the military command. Should we allow women into combat duty, or should we just change the prerequisites for top military positions?

Should women be drafted? Can we argue that women should have the same options, but not the same obligations? Do you feel the differences between men and women are sufficient basis for different and accommodating policies?

Should women with children be drafted? We're all familiar with the pictures of male soldiers kissing good-bye to young families, or kissing hello to children they had never before seen. As long as one parent is left home, should either parent be draft-eligible? If not, on what basis can women argue for different treatment? Answering this question forces us to ask ourselves: Should women and men be treated the same? Are children's relationships to parents, in general, equal?

Should childbirth be a reason for voluntary discharge from military service? If a childless woman commits herself to the military, should we hold her to that after the birth of a child? Research has shown that bonding after childbirth represents real changes in the mother that ensure the survival of a baby by enhancing the mother's responsiveness toward the baby. The changes that take place in pregnancy, childbirth, and parenthood often lead women to completely reset their priorities. Should the military accept and respect those changes, or hold a woman to her prior commitments?

Should military women, or any single parent, with young children be called away (leaving the children behind of course) to perform off-base maneuvers or go to war? After the recent Panamanian maneuvers, it was reported that a five year old child was badly abused by her babysitter's boyfriend while her military mother (a single parent) was on maneuvers in Panama. Should the children of military parents be expected to suffer the consequences of parental military involvement, or should the military apparatus accommodate the family obligations of its staff? What form should that accommodation take?

You may like to share your views, or your answers to these questions, with your elected representatives in the Congress.

For What Will Women Fight?

Women's willingness and ability to fight has been brought into question in the combat duty debate. Surely, the question is not really "Can women fight?" (high tech weapons systems have answered that) nor "Will women fight?" (experience has answered that) but rather it is "For what will women fight?"

Do women have the same propensity to fight as men, and for the same issues? The answer to this question involves quite a bit more than one might expect. The motivation to war, to risk one's own survival and that of one's young, involves traits that were selected over millions of years. With different biological

capabilities and responsibilities, men and women have survived by adopting different, though compatible, survival strategies. Patterns of behavior such as the propensity to war, are not changed significantly with just a hundred years of industrialization.

When was the last time you read about warring factions of women raiding villages and capturing the men and children? Technology has in many ways evened the playing field between men and women, but that doesn't necessarily mean it has changed long-standing behaviors. For men, territorialism has been a trait that ensured protection of their childbearing partners and survival of their own offspring. For women, on the other hand, coexistence has often meant cooperation and an increase in the survival rate for their young; coexistence has been far more advantageous to women than life-endangering territorialism. The development of different traits and survival strategies are complex and do not lend themselves to brief explanation. But for sure, the traits and coping strategies that carried us along five million years have not disappeared with recent and globally-local technological advances.

Women will go to war if they see the need. Even women with children will fight to their death to protect their children (and many do in the violence of domestic wars). But use of the military often revolves around issues far less imminent, such as non-essential territory and ideology. Are women willing to risk the survival of their young, as well as themselves, for the same causes as men? Probably not.

If women today are required to go to war, we may see a great change in the type of issues and war efforts that receive the public support of women. Maybe that would not be such a bad thing.

9. Confusion and sense of inadequacy
10. Being either super-responsible or super-irresponsible
11. Lack of self-confidence in making decisions, no sense of power in making decisions
12. Feeling of fear, insecurity, inadequacy, guilt, hurt or shame which is denied
13. Inability to see alternative to situations, thus responding very impulsively
14. Isolation and fear of people, especially authority figures
15. Fear of anger and criticism
16. Being addicted to excitement
17. Dependency upon others and fear of abandonment
18. Confusion between love and pity
19. Tendency to look for 'victims' to help
20. Rigidity and need to control
21. Lies, when it would be just as easy to tell the truth

It is important to say that not everyone who experiences some of these symptoms is suffering from codependency or other dependency disorder. However, if you strongly identify with or are actually experiencing several of these symptoms, you may

Continued on page 4

What is Codependency?

Because of all the questions generated by articles on codependency, St. John's Chemical Dependency Treatment Center has provided some answers and explanations of what codependency actually is and what are some of the definable symptoms.

Codependency is a set of maladaptive, compulsive behaviors learned by family members in order to survive in a family which is experiencing great emotional pain and stress. These behaviors are passed on from generation to generation whether alcoholism is present or not.

In other words, the original alcoholic or drug dependent person may have been a great-grandfather. No one else for three or four generations may actually become alcoholic but most family members within those three or four generations will have learned to use a set of behaviors which help them deal with the emotional pain and stress inherited from the original alcoholic family and which continue to create emotional pain and stress even to the present time. This set of behaviors eventually becomes the codependency or dependency disorder.

Some of the codependency or dependency disorders are: perfectionism, workaholicism, procrastination, compulsive overeating, compulsive gambling, compulsive buying, compulsive lying, compulsive talking, and dependent relationships. Other dependency disorders can be dependence on acquiring status, prestige, material possessions, power or control to the extent that one's behavior causes problems in social interactions with family members, coworkers, friends, authority figures, etc.

In addition, persons suffering from alcohol or drug related codependency or one of the other dependency disorders often experience themselves being caught up in a kind of treadmill existence so that whether or not goals are achieved, there is still a driven compulsion for more; an anxious feeling of incompleteness or emptiness remains no matter what is accomplished.

Health problems can also exist, such as migraine headaches, gastro-intestinal disturbance, colitis, ulcers, high blood pressure and many other physical illnesses related to high stress. Emotional problems such as depression, anxiety, insomnia and hyperactivity are evident in many codependents.

Codependency and other dependency disorders result in:

1. Inability to know what is 'normal' behavior
2. Difficulty in following a project through
3. Difficulty in knowing how to have fun
4. Judging self without mercy and having low self-esteem
5. Difficulty in developing or sustaining meaningful relationships
6. Over-reacting to change
7. Constantly seeking approval and affirmation, yet having no sense of self-identity
8. Feelings of being different

Commencement: Cornell's Important Day

Year Long Planning and Good Volunteers Key

By Connie Mabry
Commencement Coordinator

In 1986, when I first became involved in commencement, I was astonished to learn that many individuals on campus spend a good portion of the year planning and organizing the event.

After all, I thought, what could it possibly take to put on a graduation ceremony? A few people should be able to take care of the details in about three weeks: Print up a few thousand diplomas, set up a few thousand chairs, arrange a stage and there you have it! But since becoming the commencement coordinator last year, I have realized that to put on a Cornell commencement, which brings over 5,500 graduates and 30,000 guests to the campus, is quite another story. I continue to be amazed at the effort of hundreds of colleagues on this campus who contribute talent and time to help make Cornell's most important day as special as possible for the graduating seniors and their families. Starting in June each year, the executive committee - which consists of the two chairpersons, the commencement coordinator and a liaison with the president's office - begin to develop ideas for the following year's ceremony. During the summer and fall months, plans are discussed and developed. Prior to the Christmas break an informational mailing is sent to the families of the graduates. In early February the basic information is presented to the general

commencement committee which in turn finalizes many of the details. This committee consists of over 45 people from all facets of the campus. Committee representatives are likely to be from the music department, floriculture, transportation, the trustees' office, community relations, university photography, the information and referral center, the senior class, public safety, parking, the faculty who help with the procession, the dean of the faculty office, the dean of students office, athletic department, usher group leaders and many others. During the spring months we are busy with the finishing details, for example, growing the geraniums and coleus plants in the Ken Post greenhouses that are used for the ceremony and at other events held during commencement weekend. An interesting side note: The cuttings used to start new plants each year have genetic linkage which goes back over 20 years. Others involved in commencement activity include the college registrars who are very busy finalizing diploma lists and getting names ready for the program; the grounds and building care departments are sprucing up the campus for the big day; the maintenance and service department spends almost a week setting up Schoellkopf field and the stage; and all of the colleges are finalizing plans for the special receptions held after the

Continued on page 4



Coordinator Connie Mabry

Unclassified Ads

1. Please send all unclassified ads through Campus Mail ONLY to Networking Unclassifieds, Humphreys Service Building, (hand delivered ads will be omitted) - no phone calls please.

2. For our information your name and campus phone number MUST be submitted with ads, otherwise your ad will be omitted.

3. All unclassified ads are free of charge to Cornell faculty, staff and students and will be printed in the order received as space permits.

4. Please limit your ad to 30 words or less. Any ad longer than 30 words may be shortened by the Networking staff.

5. Unclassified ads are for nonbusiness purposes only.

6. If an error appears in your ad, please resubmit the ad to be published in next available Networking.

7. Please submit an ad for each issue that the ad should appear in.

For Sale

1988 Dodge Lancer, 4 dr, standard shift, PS, PB, 5,100 miles, must be sold to settle estate, asking \$8,500. 5-4497 days or 607-659-7316 eves from 5-7pm.

1987 Ford Aerostar 7, passenger van, low mileage, exc cond, 5-spd, asking \$8995, Sally 5-3594 days or 387-6805 eves.

1986 Pontiac 6000 V-6, 58k miles, air, cruise, like new, \$5,400; 15' Chris Craft boat 75 HP motor tilt trailer-full canvas extras, \$1,500; 1981 Honda 750 motorcycle, low miles, \$1,000, 898-4331 after 5 leave message.

1985 Renault Alliance, 2 dr, standard shift, 28k miles, no rust, AM-FM cass, new rear shocks, starter and battery, asking \$3500, Bill 5-5313.

1985 Renault Alliance, 2 dr, 5 spd, new battery, AM-FM stereo cassette, \$1,995 OBO, Jeanette 3-3467 or eves 539-6664.

1984 Camaro, 33k miles, garaged, 4 spd, AM-FM cassette, page alarm, \$3,500, 272-0579 leave message.

1984 Wilderness travel trailer, 19 ft, self-contained, immaculate condition, AM-FM 4-speaker stereo cassette, \$5,000, Sandy 255-3976 days, 749-2733 eves.

1982 Buick Century, \$3,200; chrome and cast iron parlor wood stove, unused, \$150; elec clothes dryer, \$150; wardrobe trunk, \$15; bike, \$10; bike carrier, \$25; video camera, recorder, player, \$585, AC, \$50, 5-0916 (Hildebrand)

1982 Mazda pick-up truck (B2000) with cap, 65k miles, new brakes and front tires, runs well, best offer, John 257-7757.

1982 GMC pickup, 6 cy, standard, 7' box w-canvas or cap, new exhaust system, hoses, brake lines, 564-9375.

1979 Camero, V8, AC, tilt, automatic, good cond, \$1500 OBO, 844-9704 after 6pm.

1979 Jeep CJ7, low miles, new tires, \$1,900 OBO, 898-9566.

1978 Plymouth Horizon, runs great, AT, rusted frame, also 1979 Horizon parts car, standard transmission, \$200 takes both, 898-3594 eves until 10pm.

1978 Cadillac, 4 dr, no rust, equipped to tow, \$3800, 17' self-contained camper, sleeps 6, \$995, 944-9745 after 6pm

1987 Sea Ray Sundancer, 25' with aft cabin, exc cond with low hours, can be purchased with or without EZ loader trailer, 607-536304 eves.

Motorcycle, 1979 Yamaha 750XS Special, custom seat, new tires and battery, black, exc cond, must sell, \$850 OBO, Jeff -57935 or 273-3488 eves.

Pair 13" wheel rims, \$20 - pr. 277-2418 eves.

Complete queensize waterbed w-frame, heater, 2 sets sheets (1 set satin), \$250 or best offer, Garry Percy 5-4882.

Air conditioners, 4,000 BTU \$125, 6,000 BTU \$100; light wood vanity \$175; IBM elec typewriter & stand \$150; highchair, exc cond, \$20; maple lamp table, square w-storage \$160; window fan \$20, 5-5904 or 272-5843.

Cannondale handlebar pack, new cond, \$30; Vivitar 283 flash with varipower module \$75; large old picture window, old exterior doors \$20 each; LL Bean extra lrg hunting coat, used once \$45, Donal 273-5163 eves.

Sanyo refrigerator, 10 cu ft, freezer with 2 cu ft freezer, exc cond, \$175, 533-7743.

Floor lamp, 52 inches high, polished chrome base and stem, plastic shade, \$25, 5-5265 or 272-0568.

Walnut finish computer desk with hutch, 49" wide, 23 1-2" deep, desktop 28" high, 56" high, exc cond, sturdy, handsome, \$50, 257-6458.

Apple Macintosh Imagerwriter 1, like new, never used, \$200, Dave 5-8393 or 844-4481.

Oak sideboard, 48x22x41, \$125 OBO, 564-9375.

Bathroom fixtures, avocado green bathtub, toilet, sink, small vanity, result of remodeling project, good cond, perfect for cottage, rental property or second bathroom, \$75 takes all, Kevin 255-6864.

Nubian doe & kid, \$60 pair, 564-9375.

4 walnut Danish Modern chairs with zippered cushions, 2 walnut step-end tables with Formica tops, exc cond, \$350, 5-9496 days or 273-1910 eves and wknds.

Gas range, 36" copertone Tappan side storage, separate broiler, exc cond, \$125; kitchen cabinets, wall and base units, all woods, maple/teak, adjustable shelves, very good cond, \$400, Chris 5-3573 work or 257-0829 home, eves.

26" bathroom vanity \$45; books \$25; romance western etc; 19 issues of The Happy Hollisters \$25; Coats \$5-10; odds and ends, cheap, 5-2733.

Porcelain dolls, many to choose from, must see to appreciate, perfect cond; Brother portable elec typewriter, brand new, never used, Carol 273-2989 after 5pm.

Freezer, white Westinghouse 18.7 cu ft, automatic defrost, upright, like new, exc cond, 257-5929 eves.

1948 Martin 0018 Guitar Collectors item, good cond, \$500 OBO, 5-1582 7:30am-3:30pm.

Camper trailer - Apache, pop-top, fiberglass top-sides (no canvas) sleeps 5 comfortably; sink, water-elec hook-ups, converter, stove, dining table, attached screen room, like new, \$2,100, 257-5285 eves.

Lrg solid wood breakfast and dining room table set, ext leaves, and six upholstered chairs, good cond, \$950, 273-2065.

Dinetette set, Formica top, extra leaf, slightly chipped during shipping, 4 cushioned chairs on castors, \$350; 7 ft couch and matching chair, beige tweed material, \$125, parquette veneer coffee table with pr of matching end

tables, \$100; Sansui SE-8x equalizer, black finish with lighted glides, \$50, Vince 5-6034 days or 273-7877 eves.

Twin side-by-side compact folding stroller, exc cond, asking \$65, 5-8721 or 753-6860 eves from 5-7pm.

Dining room suite, outstanding and elegant 12 piece Spanish-style, \$1500, 347-4874.

Drapery and rods, 2 pr, antique gold pinch-pleat, one pr 144x80" second pr 144x92", very good cond, \$200 for both pr including hardware, 347-4874.

Complete drum set, exc cond, all pieces and equipment, many extras including all carrying cases, son graduated from school, not an inspiring musician, \$700, 347-4874.

South Hill school district, 3 bdrm, 1 3-4 bath raised ranch, lower level has oversized garage, plumbing for future bath and space for family room and den, decks, cathedral ceilings, walk in closets plus lots of yard space, low ninty's, 277-0014.

2 bdrm mobile home with many pluses, 2 miles from CU, 844-8834 or 5-7946.

1987 14x70 Pinegrove mobile home, located 10 min from CU, 2 bdrm, 1 bath, eat-in kitchen, pantry, etc., exc cond, must see, List 5-2842 or 257-4632 eves.

1986 Poloron mobile home, 56x24 double wide, located on pond in Varna Park, 2 bdrms, 2 full baths, lrg family room, deck, shed, awning carport, window AC, \$56,600, 273-6465 eves.

1986 Poloron mobile home, 56 x 24 double wide, located on pond in Varna Park, 2 bdrms, 2 full baths, lrg family room, deck, shed, awning carport, window air cond, \$56,500, 273-6465 eves.

1974 Americana, 12 x 65 mobile home, 3 BR, 1-1-2 bath, set up Dryden park, nice location, asking \$8,200, 5-2610 or 844-9776, 6-9pm.

Pre-listing sale by owner, 4 bdrm house in prime West Hill location, adjacent to park, \$108,000, 5-6135 days or 277-6905 eves and wknds, no agents please.

Wanted

Rental, lake cottage wanted Sept 6-12, 1990, 3 or more bdrm, Sharon 5-6529 or 539-6342.

Prof couple seek country apt with garden space, long term if price is right, end of May, Sharon 5-6529 or 539-6342.

Someone to clean house and do light yardwork for 3-5 hours each Friday anytime between 8-4 in tidy downtown house, pay \$6-8 per hour, 277-2228.

Small tan sleep sofa, 277-2228.

Used Apple Laserwriter, will consider repairable machine, Curt 5-5749.

Small pop-up camper (1000 lb or under) in good cond, reasonable price, Will Burbank 5-9240 or 272-7555.

Apple 2 series computer, in good cond at reasonable price, most interested in C or E, will consider 2. Will Burbank 5-9240 or 272-7555.

Car, late model station wagon, good-excellent condition, reliable, reasonable price, please, 272-8795.

Reliable individual to share new townhouse apt, avail June-July, nonsmoker preferred, \$257.50 per person, month, Stacy Sipes 254-6177, 8-4:30.

Mature ("older") female law student needs a roommate to share sizable townhouse, academic 90-91, 2 bdrms, 1 1-2 baths, \$280 month plus approx. \$50 utils, 10 months lease. In the alternative, I'm interested in a sabbatic house for the academic yr. Liz Paul 277-6268.

Tan sleep sofa and Genesis electronic video game and old Pullman train cars. 277-2228.

Found

Gold wedding band, 5-4541 or 756-2746.

For Rent

Charming lakefront cottage, 3 bdrm, 2 full baths, furnished, quiet, West Shore, near town, avail for 199-91 academic year, \$600 month, Mary 257-6150.

Furnished studio apt, quiet, clean, light, airy, fully carpeted, refrigerator, elec range, good for single, mature student, six miles East of Cornell campus in Ellis Hollow neighborhood, \$350 month includes utils, except cable, garbage and phone, use of washer, dryer permitted also close in parking avail, Jim 5-8580 days or 539-6865 nights.

Little, furn, country home for commuting student, or as a writer or artist's studio, house avail Mon-Fri only, has total privacy, overlooks lrg pond, surrounded by 42 beautiful acres with trails, 10 miles from CU, easy access, avail May 1, \$250 month, 277-2228.

4 bdrm furn house in country, fireplace, woodstove, 2 car garage, private setting 4 min from CU, \$850 plus utils, 277-2228.

Adirondack camp on Tupper Lake, 3 bdrm, well furnished, 4 wooded acres, dock, canoe, many extras, Peter Curtiss 5-5014 or 347-4282.

Private, furn, 4 bdrm house in country, 5 min from CU, double garage, 2 baths, 2 acres, great hiking and skiing, \$900 month, avail mid-May, 277-2228.

Apt, colleegetown, summer sublet, furn, 1 bdrm, clean, bright, quiet, good for couple, near campus, grocery, laundry, mid-May thru Aug, dates neg, \$250 plus elec, 272-0429.

House, downtown, quiet, spacious, 3 bdrm, combo kitchen-living area, cathedral ceiling, renovated, gas utils, porch, yard, parking, storage, unfurn, petless, year lease, Aug 15, \$750, 272-8795.

House, 6 bdrm, East State St, 2 kitchens, 2 baths, living room, fireplace, laundry, parking, year lease, avail June 15, \$285 per person plus utils, 273-2814.

Free

Lab, female, one-year, spayed, obedience trained, needs country home, 564-9375.

Day Care

Part-time day-care on Dairy Farm, opening for 1-2 yr old, family atmosphere, close to CU, 273-4342.

Don't Be Fooled By Products that Sound Healthy

Borrowed from the Mayo Clinic Newsletter

By changing menus and methods of cooking, fast-food restaurants are making it easier for you to eat more healthfully. But don't be fooled by products that sound healthy. Here are our suggestions for how you truly can trim calories and fat:

-Be salad savvy -- Avoid the mistake of thinking 'salad' is synonymous with 'diet food.' Salads can be sneaky about fat and calories. The taco salads offered at Wendy's and Jack In The Box each deliver 500-plus calories, more than half of which come from fat. The meat and cheese in chef salads invariably overpower the vegetables to increase fat, while the chicken is lower in fat and calories, averaging less than 200 calories per salad.

It is the dressings that provide the crowning touch. They can add as much as 400 calories to any salad. Watch out for packaged dressings that contain more than one serving. The calories and other nutrients are listed for a one-half ounce serving, yet a package may hold as much as 2.5 ounces. Ask for reduced or low-calory salad dressing.

-Choose chicken carefully -- Chicken may be lower in fat than hamburger, but when breaded and fried, it loses its nutritional edge. At 688 calories and 40 grams of fat, Burger King's Chicken Specialty has 100 more calories and 20 percent more fat than McDonald's Big Mac. Chicken chunks, strips and 'stix' have fewer calories than chicken sandwiches, but still carry a heavy load of fat. The leanest chicken sandwich we found is Jack In The Box's Chicklet Fajita Pita for 292 calories and 8 grams of fat -- if you skip the guacamole.

-Be suspicious of specialty sandwiches -- Even non-fried sandwiches made with lean turkey or ham can be deceiving. Hardee's Turkey Club packs more calories and as much fat as McDonald's Quarter Pounder. General clues to keep in mind when deciding about this type of sandwich are its size and the amount of cheese, mayonnaise or special sauces.

-Order burgers plain and non-imposing -- You know you are headed for calories and fat if you order a burger billed "jumbo," "ultimate," "double" or "deluxe." You may have to search the

menu board a bit but all major franchises offer a plain hamburger for under 300 calories.

-Don't read too much into the hype about healthier fat -- Switching from animal to vegetable fat is one step to lowered dietary cholesterol and saturated fat. But it doesn't transform fried foods into healthy options. Large orders of McDonald's french fries (cooked in an animal-vegetable blend) and Hardee's french fries (cooked in vegetable oil) have about 20 grams of total fat. Hardee's fries have no cholesterol and a bit less saturated fat. But the key to your heart health is trimming total fat, and all fried fast foods still fail to do that.

-You make the call -- Fast food has come a long way since the days of only burgers, fries and shakes. More food options can make it easier for you to elude excess fat and calories for speed and convenience. Nevertheless, it all comes down to what you say when the person at the counter asks, "May I take your order?"

Here are the leanest and the fattest fast

foods you can eat. We reviewed products offered at six popular fast-food franchises. In terms of fat and calories, here are the best and worst choices you can make:

Best Picks Calories Fat (grams)
Burger King Chicken Tenders (6 pieces) 204 10
Hardee's Chicken Stix (6 pieces) 234 10
Jack In The Box Chicken Fajita Pita 292 8
McDonald's Hamburger 257 10
Roy Rogers Roast Beef Sandwich 317 10
Wendy's Plain Single 350 16
Worst Picks
Burger King Whopper with Cheese 711 43
Hardee's Bacon Cheeseburger 556 33
Jack In The Box Ultimate Cheeseburger 942 69
McDonald's McD.L.T. 674 42
Roy Rogers Bar Burger 611 29
Wendy's Bacon Swiss Burger 720 44
Note: Calories and fat are based on the most recent printed information provided to us by each company.

Important Wellness Program Dates

April 29 - American Heart Association Heart Walk-Run

Start time 9:30am at Barton Hall on Cornell campus. This is a fund-raising event. Prizes awarded according to the amount of dollars raised for the organization. For more information contact the AHA office at 273-7550 or the Wellness office at 255-3703.

May 10 - Nutrition Immunology Connection

Concerns dietary intakes and their effect on the development of cancer and other chronic diseases, 12:30-1:30pm Helen Newman Lounge.

May 16 - National Employee Health

and Fitness Day

Come join the CU Wellness Program for the second annual Prediction Walk-Run, 5pm Helen Newman fitness trail. All employees receive a blue ribbon for participating and prizes are awarded for the top three people who come closest to their predicted time at the finish. The race will not be any longer than 11 and 1-4 miles. Herbie the Heart, from the Healthy Heart Program will be there distributing heart-healthy information. End the day on a healthy note!

May 24 - The Nutrition-Cholesterol Question

Presented by Dr. Zilversmit, professor, nutritional biochemistry, discussing the role of cholesterol in the American diet, 12:30-1:30pm, Helen Newman Lounge.

Employee Noon Hour Aerobics Offered

Instructor: Amy Brill
June 11 - August 17, 1990
Helen Newman Gymnasium
12:10 - 1:10
M-W-F

Fee: \$2 per class (fee is to be paid at the beginning of each class to the instructor)
Contact Person: Debbie Gatch, 5-5133
Helen Newman Hall, Main Office

Blood Pressure

Clinics Scheduled

May 3 - Cornell University Press Office, 124 Roberts Place - 8:45-10:45am

May 3 - Warehouse, 740 Cascadilla Street - 11:15am-1:15pm

May 7 - Goldwin Smith, 177 - 8:30-11am

May 15 - Baker Institute-Levine Lab, Conference Room - 9am-12 noon

May 16 - Barnes Hall - 9-11:30am

May 17 - Biotechnology, Small Conference Room - 9am-1pm

May 24 - Admissions, lunch room - 9-11am

make them because, as the saying goes, no one is perfect.)

As you can see, with rights come responsibilities. And here is a paramount responsibility:

-I have the obligation not to violate these rights in anyone else.

Taken from Wegscheider-Cruise, Sharon, Choice-Making, Health Communications, Inc. 1985

Commencement

Continued from page 3

ceremony. While this activity is happening all around the campus, the students are making room reservations, parents are calling the Information and Referral Center with all types of questions, and the commencement office is looking for volunteer ushers to help the day run as smoothly as possible.

I hope this information has helped you to understand what it takes to put on commencement. President Rhodes has often said that commencement is Cornell's most important day. When you stop to think about that idea, the main reason for this great university is to graduate students - our most important product. If you are interested in being part of the excitement and pageantry on Commencement Day, please call me at 5-9541 or stop by the commencement office at B-25 Day Hall. As Judy VanDermark mentioned in her recent article on volunteerism, you can make a difference!

CORNELL EMPLOYMENT NEWS

Including Job Opportunities

April 26, 1990

Volume 2, Number 18



Disability Notebook

Back-to-Work Program Assists Persons with Disabilities

by Joan B. Fisher, coordinator of Disability Services

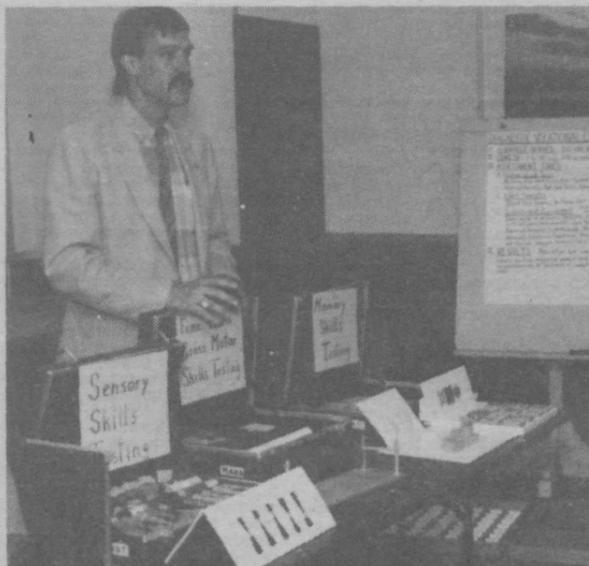
Mary worked as a custodian for 16 years. She began working at Cornell right after her high school graduation and quickly became known as a dependable, conscientious worker. In the fall of 1988 she slipped and fell while cleaning snow off some icy stairs, resulting in a permanent injury to her shoulder. Because she can no longer meet the physical requirements of her job, she has been home on long-term disability since the accident.

Although she wishes she could come back to work at Cornell, she is faced with a dilemma. She knows she can't meet the physical requirements to return to work as a custodian, but at the same time that's the only job she's ever done. She would like to get information on jobs that she could do in spite of her disability. With assistance in identifying her strengths and talents as well as retraining if necessary, she's sure she could again be a successful employee.

The Office of Human Resources recently entered into a partnership with Challenge Industries to help employees like Mary reenter the workplace. The Return-to-Work Program provides a comprehensive service to assist individuals with disabilities in returning to work.

If Mary decides to enroll in this program, she would receive services from the following areas depending on her individual needs:

- Vocational evaluation services
- Functional capacity assessment (How much can Mary lift? How far can she lift her shoulder? What is her motor ability?)



Paul Remski, certified vocational evaluator at Challenge Industries

- Placement readiness assessment
- Computerized job match to the Dictionary of Occupational Titles. (New jobs exist today that weren't even in existence when Mary started to work 16 years ago.)
- Specific recommendations of jobs that she can perform
- Job training recommendations and referrals
- Job placement preparation
- Job development
- Job placement
- Follow-up after placement

The program is under the direction of Paul Remski, certified vocational evaluator, and Edward Pasto, director of Vocational Rehabilitation at Challenge.

Dan Murphy, now a manager in the Department of Transportation Services, was the first candidate selected to take part in the Return-to-Work Program. I asked him to share his experience with you.

"In the later part of 1989, I was asked by the Office of Human Resources to go to Challenge Industries for the purpose of an evaluation. Since March 1987, after being hit with a stroke, I was considered totally disabled. The time was right; I was about to lose my mind from lack of activity.

The first part of December was my first look at Challenge Industries and the man who was to evaluate me, Paul Remski. Paul is a professional and for me that helped to eliminate any fears that I perceived about Challenge Industries. Paul explained everything and he made sure that questions I had were answered. I was evaluated in all phases: mentally, physically, and socially. The tests varied from hand coordination to computer skills to written tests. The final test scores were prepared and presented in a professional manner.

I was impressed with Paul and the manner he used in completing the evaluation. He left me with a whole list of job possibilities. Little did Paul or I know that I would be offered a manager's position in the Department of Transportation Services. I would highly recommend using Challenge Industries to evaluate the abilities of the disabled."

Persons on long-term disability or worker's compensation who would like more information on the program are invited to call Jean Samuelson, Employee Benefits at 255-7074 or Joan Fisher at 255-3976.

Human Relations Seminar Offered

A workshop enabling participants to identify workplace behaviors and climates that make it difficult to accomplish work-related expectations will be offered tomorrow, Friday, April 27. "Human Relations in the Workplace," will explore the importance of diversity at Cornell. The workshop will provide personal insight, help participants build the skills needed to assess existing behaviors, and enable participants to explore positive steps to handle situations that may arise. This one-session program will be held in 163 Day Hall from 9:00 to 4:00; lunch is included in the \$25 charge to your department. Call Training and Development at 5-7170 for more information or to register.

Personnel Manual Policy #101 Update

Last week in CEN there was an explanation of the 1990 Personnel Manual Update and of changes recently made to several policies. This notice updates the first update regarding policy #101:

The university must retain all records of the selection process for a period of three years (not five as was published last week). Staffing Services automatically retains a record of all resumes and applications of candidates it has referred to a department.

If candidates apply directly to a department, however, their materials should be forwarded to Staffing at the conclusion of a search along with the job number of the vacancy. Department notes should be retained by the department.

Offers for nonexempt positions are verbally approved by the AA unit representative prior to making an offer, but are confirmed on the ACSS form at the completion of the search process. Offers for Hiring Range I and II exempt positions must be approved and signed off by the AA unit representative prior to making an offer of employment.

Offers for Hiring Range III exempt positions must be approved and signed off by the AA unit representative and the director of the Office of Equal Opportunity (OEO) prior to making an offer of employment. Any questions on policy #101 should be directed to Staffing Services, 5-5226.

Accepting Our Parents' Aging: Problem or Process?

by June Hall, director, Family & Children's Service Home Care Program

Watching our parents age has been described as perhaps life's hardest passage. Books and articles chronicling the "aging of America" are increasingly common, and often focus on the attendant stressors on the family who manage and provide care. There are valid reasons for this stress, as women who historically have been cast in the caretaking role are now in the workforce in large numbers. For many families, parent-care decisions may have to be made at the time grown sons and daughters are dealing with complex family-career issues. Today there are fewer cohesive, extended families and more geographic distance separates grown children from their parents and each other.

The problems of being sandwiched between demands of caring for aging parents and the demands of personal-career-family expectations have now hit the baby-boom generation. Two authors (Dychtwald, Rieland) recently made interesting comparisons between the self-possessed perpetually youthful postwar generation and harsh realities imposed by a parent's health crisis. Some have suggested this generation sees aging as a problem to be solved rather than a process to be endured and understood.

There are problems. As a society we are more mobile. Families may come together only a few times a year, and more than one older person dreads the time at holidays when the "family meeting" is held. Is Mother still safe at home? What financial planning has been done to prepare for a health crisis? Why does Dad still resist going out many months (or years) after Mom's death?

When our parents age and experience serious and incapacitating health problems, we are confronted by their vulnerability, and by our own insecurities. We feel sadness at seeing people who are becoming shadows of their former selves. We may experience anger at the burden of caring. We often experience fear at the thought of the emotional and financial strains to come. We feel guilt for not always being able to meet these needs. All of these emotions can seem overwhelming and lead to difficulties within our own lives.

What is the process? Gerontological professionals suggest we give up wishes and hopes to have our parents behave as they did in our childhood. If we are able to do this, our

aging parents will not seem so much like diminished individuals, or former versions of themselves. To give up childhood myths requires us to accept our parents for what they are, not what we want them to be. It also means we have to accept new responsibilities and new lines of authority.

Families may find this means tried and true patterns of behavior and accepted roles may no longer work as well. The oldest daughter may live nearby and the only son may be 1,000 miles distant. Each has an adjustment to make to their parents' vulnerability and lessened capabilities. For some children of aging parents, engaging services to cover forms of in-home care is a way of managing, leaving them freer to concentrate on providing what our parents really want — affection.

Professionals who counsel families around the issues of parent care suggest the prime focus be on keeping good relationships, both with aging parents and within the family. Whatever services are put in place should serve to allow time for adult children to listen, and give time and attention to their parents' needs. If physical aspects of care are causing resentment and overwhelming feelings on the part of family members, it becomes important to look elsewhere for help, if at all possible.

The important thing to remember, whether managing care or providing it directly, is to strive for quality of relationships with our parents, especially those who are suffering from illness and/or impairment. The focus needs to be on some key issues:

- valuing life in the present
- resisting the desire to change Mom or Dad
- respecting needs and expressed desires
- resisting the urge to relate to our parents as we did in childhood

When we consider the thoughts and feelings of our parents, encourage them to maintain their independence, and strive to understand aging as a process to be endured, we move away from the aging process as a problem. We are enabled to do what our parents did for us — genuinely care.

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JOB OPPORTUNITIES

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.

Assistant Dean for Development (PA1402) HRIII Engineering Public Affairs-Endowed

Direct the fund raising and alumni affairs efforts of the College of Engineering; responsible for developing and implementing the ongoing operating plan and strategy for the College; manage the College's portion of the campaign in conjunction with the Development Office, Regional Office, and College/Unit Public Affairs planning effort; work closely with the Dean of the College.

Requirements: Bachelor's; graduate degree desirable. Five years major gifts and capital projects fund raising experience; experience in working with volunteer groups (alumni and friends). Excellent communications (written and oral), interpersonal skills required. Send cover letter and resume to Cynthia Smithbower.

Director of Marketing (PA1602) HRIII Continuing Education Program-Endowed

Promote the Continuing Education Program of the College of Engineering. Responsible for corporate stewardship, identifying and penetrating new markets, market research and analysis, and customer service. In conjunction with the Program Director, represent the Continuing Education Program to corporations, faculty, staff, students (professional engineers).

Requirements: Master's; preferably in Education or Business Administration. At least five years experience in corporate Relations, education, and/or marketing; Excellent communications skills. Send cover letter and resume to Cynthia Smithbower.

Administrative Manager II (PA1002) HRIII Materials Science and Engineering-Endowed

Manage the finances, personnel administration, facilities and equipment, administrative data systems, and institutional analyses and act for the chairman in his absence. Will coordinate the teaching, research and development programs associated with the department.

Requirements: Bachelor's required (preferably in science or engineering) or equivalent combination of education and experience. 3-5 years experience with budgeting, accounting, personnel management, facilities, and institutional analysis required. Experience with corporate development and stewardship highly desirable. Send cover letter and resume to Cynthia Smithbower.

Computer Systems & Network Manager (PT1509) HRIII Mann Library-Statutory

Manage multi-user computer systems and telecommunications networks for a large science library. Install and maintain software; configure and monitor networks; maintain data files; work with programmers and systems analysts in the development of electronic information systems. Provide guidance and consultation to staff and patrons.

Requirements: Bachelor's required, with course work in computer science or information science. At least 2-3 years experience in a technical capacity. Knowledge of minicomputers and telecommunications required. Knowledge of Unix and microcomputer software desirable. Send cover letter and resume to Sam Weeks.

Technical Services Support Engineer (PT1504) HRIII Telecommunications Services-Endowed

Provide technical and engineering support to associate/staff engineer in installation and maintenance of telecommunications equipment. Provide day to day coordination of projects and services.

Requirements: Bachelor's or equivalent in electronics, engineering, computer science or related field. 5-7 years experience with extensive work in installation and maintenance of telecommunications equipment including PBX and electronic key systems. Ability to read equipment schematics, as well as building and underground prints; familiarity with appropriate communications and electric codes; good written and oral communication and interpersonal skills required; project management skill desired; supervisory experience helpful. Must be able to lift fifty pounds. Must hold and maintain valid NYS drivers license. Send cover letter and resume to Sam Weeks.

Research Support Specialist III (PT1501) HRIII Division of Nutritional Sciences-Statutory

Oversee day-to-day operations of gas stable isotope ratio mass spectrometry lab. Operate and maintain two Finnigan mass spectrometers; construct and maintain preparatory lines; educate and oversee lab personnel and demonstrate equipment to visitors.

Requirements: Bachelor's or equivalent in Physics, Chemistry, Engineering, or related discipline; Master's or equivalent preferred. Mechanical aptitude is essential. Some electrical skills required and willingness to learn. Literacy in at least one common programming language, including BASIC and FORTRAN. Willingness to learn Pascal is a must. Send cover ltr & resume to Sam Weeks.

Director of Graduate Records (PC1304) HRIII The Graduate School-Endowed

Responsible for all aspects of management of the Graduate Records Office. Interpret Graduate and University legislation regarding student status, degree requirements; oversee maintenance, accuracy and security of the permanent records of all students enrolled in the Graduate School; monitor and verify graduate students' status and progress toward the satisfaction of requirements of the specific advanced degree programs; the distribution of information regarding fields of study and programs available in the Graduate School to faculty and students and coordinate policies with other offices; the development of the Graduate School Information System; and supervision of a permanent staff of four (the Degree Coordinator, the Information Secretary, and two Records Assistants).

Requirements: Bachelor's minimum. Graduate degree preferred. Be knowledgeable on all aspects of graduate programs and able to interact with sensitivity to students and faculty. Must be flexible and innovative in developing solutions for particular problems, and be capable of designing procedures to improve effectiveness within the office. Send cover letter and resume to Esther Smith, Staffing Services, 160 Day Hall.

Senior Systems Analyst (PT0705) HRIII Mann Library-Statutory

Work with researchers and librarians to define requirements for, coordinate the implementation of, and evaluate and revise systems for the electronic delivery of scholarly information. Also provide programming and technical support in the development of such systems. During the first year, manage a major system development effort in the delivery of electronic full-text for chemical literature.

Requirements: Bachelor's with significant coursework in computer or information science. Master's desirable. 3-5 years experience in programming, systems analysis, or related fields, including 1-2 years in technical or project

management. Knowledge of at least 2 high-level programming languages. Knowledge of microcomputers, workstations, and UNIX operating systems highly desirable. Send cover letter and resume to Sam Weeks.

Senior Research Support Specialist (PT0315) HRIII Materials Science Center-Endowed

Manage and extend a state-of-the-art Electron Microscopy Facility for the support of the research program of the Materials Science Center.

Requirements: Master's in material science or physics or equivalent required. PhD preferred. Minimum 2 years experience as a postdoc in relevant electron microscopy user field. Send cover letter and resume to Sam Weeks.

Systems Programmer/Analyst III (PT0401) Level 34 CIT/Research and Analysis-Endowed

Design, implement, install, document and maintain system software, complex software programs in packages for DEC Vaxen running VMS, and other systems running UNIX. Assess performance and make recommendations related to the general operation of the various systems.

Requirements: Bachelor's or equivalent with computer related courses. 3-5 years programming and machine architecture experience, sound knowledge of VMS and/or UNIX operating systems. Knowledge of VAX cluster environment desirable. Several major programming languages, eg., C, Pascal, Fortran, working knowledge of TCP/IP Protocols. Good interpersonal skills. Send cover letter and resume to Sam Weeks.

Systems Programmer/Analyst II (PT1406) Level 33 Electrical Engineering-Endowed

Assist computer manager in day-to-day operation of a general purpose system including VAX, Sun, HP, and AT&T computers. Design, maintain, and document application software for administrative computer systems, including Macintosh and IBM PCs. Maintain operating systems, make backups, and provide training and consulting for users.

Requirements: Bachelor's in computer science or related fields. 2-3 years experience with UNIX systems. Send cover letter and resume to Sam Weeks.

Applications Programmer/Analyst II (PT9605) Level 33 CIT-Endowed

As a member of a project team, design, develop, modify, maintain and document straight forward applications systems software in support of a major administrative system.

Requirements: 2-3 years experience. Knowledge of applications for interactive and batch administrative systems, database management systems, machine architecture, system utility programs, VM/CMS. Knowledge of at least 2 languages: PL/I, Natural or COBOL. Send cover letter and resume to Sam Weeks.

Accounting/Billing System Supervisor (PT1105) Lvl 33 Information Technologies/Services-Endowed

Provide direct support services to CIT clients concerning the availability and appropriate use of multi-user computer systems. Assist with design and development for system billing statement. Supervise 2 accounts assistants.

Requirements: Bachelor's or equivalent experience. Coursework in information technology, business management or accounting. 2-3 years of computer related service delivery, functional knowledge of CU computing systems, experience using ADABAS or similar database with accounting/billing emphasis. Send cover letter and resume to Sam Weeks.

Technical Consultant II (PT6301) Level 33/HRI HDFS/Family Life Development Center-Statutory

Provide technical support, training & orientation to staff of approx 30 on effective use of microcomputers in a complex local area network and electronic publishing environment.

Requirements: Bachelor's or equivalent in education. Minimum 2-3 years experience with micro computers. Macintosh experience required. IBM PC familiarity desirable. Working skills must include a fifth generation language, strong system diagnostic and telecommunications. Some experience in PASCAL, C or BASIC desired. Send cover letter and resume to Sam Weeks.

Systems Programmer/Analyst II (PT9608) Level 33 Engineering College Educ. Computing-Endowed

Provide system management for a network of UNIX-based graphics workstations; install and maintain system software and utilities, keep hardware operational and assist and consult with staff and users.

Requirements: Bachelor's in computer science or equivalent. 2-3 years programming; 2 years system management; familiarity with UNIX (prefer several versions), C, HOOPS and interactive graphics; excellent communication and interpersonal skills. Send cover letter and resume to Sam Weeks.

Technical Consultant I (PT1506) Level 32 Johnson Graduate School of Management-Endowed

Provide end user computing support and applications consulting to the faculty, staff and students of the Johnson School community. Do one-on-one training and consulting; and workshops, presentations, user satisfaction surveys, management of student consultants and user documentation.

Requirements: Bachelor's or equivalent experience. Completed work in the application of computing technology preferred. Minimum of two years experience with significant client contact and exposure to office automation systems. Demonstrated knowledge in at least one area of JGSM supported hardware and software (Vax/VMS, DOS, Mac), and a proven ability to develop consulting expertise in the full spectrum of supported systems. Send cover letter and resume to Sam Weeks.

Coordinator, CU Young Scholars Prog. (PA1601) HRI Engineering Minority Programs Office-Endowed

Plan, direct and coordinate the summer residential and the academic year activities for the CU Young Scholars Program. Coordinate the fundraising activities for EMPO's Special Programs with primary responsibility for raising funds for the CU Young Scholars Program.

Requirements: Bachelor's degree of equivalent experience. 2-3 years of administrative/managerial experience in program development, student development or related area. Experience working with student populations (prefer experience with middle and HS students). Excellent oral and written communication skills. Send cover letter and resume to Cynthia Smithbower.

Research Support Aide (PT1512) HRI Soil, Crop, Atmospheric Sciences-Statutory

Assist with data compilation and analysis, writing and production of monthly climate publications. Use computer to prepare graphics for publication. Respond to requests for climate data information & assist with research projects.

Requirements: Bachelor's preferred, with coursework in Meteorology/Climatology. Minimum 1-2 years related experience. Excellent oral and written communication skills. Familiarity with the use of Macintosh computer for word processing and other applications required. Experience with mini or mainframe computer systems desirable. Send cover letter and resume to Sam Weeks.

Chef De Cuisine (PC1509) HRI Statler Hotel-Endowed

Prepare and produce dishes served in the hotel's fine dining room and at banquet functions, while maintaining high quality & profit margins. Flexible hrs; nights & wknds.

Requirements: Associate's in culinary arts. 3-5 years experience in a similar position required. Familiar with the

proper preparation and presentation of international and domestic dishes. Proven supervisory experience. Regular CU employees only. Send employee transfer application to Esther Smith, Staffing Services, EHP.

Terrace Chef (PC1510) HRI Statler Hotel-Endowed

Oversee the production of food service in the Terrace Restaurant. Hours flexible; nights and weekends.

Requirements: Associate's in culinary arts preferred. 2-3 years in a similar position required. Familiarity with proper preparation and presentation of international and domestic dishes. Proven supervisory experience. CU employees only. Send transfer application to Esther Smith, Staffing Services, EHP.

Budget Analyst II (PC1515) HRI Office for Research/CALS-Statutory

Provide administrative assistance to directors in preparing budget, administration of funds, accounting system design, preparation of reports, analysis of financial trends and provide forecasts and assessment of new funding opportunities. Supervise accounts management staff.

Requirements: Bachelor's in business management or accounting or equivalent experience; Master's or equivalent desirable. Experience in managing research accounts, familiarity with CU Statutory accounting procedures, knowledge of computers and management systems and electronic office equipment. Supervisory experience desirable. CU employees only. CU employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, EHP.

Manager Lab Services and Safety (PT1503) HRI Chemistry-Endowed

Supervise the provision of chemicals, equipment, instrumentation, and other support services for labs enrolling 3000 students. Design, implement and manage department safety program addressing safety issues affecting faculty, staff, and students.

Requirements: Bachelor's required; Master's in chemistry or biochemistry (or equivalent experience) preferred. Knowledge or relevant experience in lab safety field and supervisory work desirable. Excellent interpersonal and communication skills. Ability to work effectively with faculty, staff and students. Send cover letter and resume to Sam Weeks.

Research Support Specialist II (PT1410) HRI Chemical Engineering-Endowed

Provide technological support to faculty and students for research/teaching programs in Chemical Engineering, including troubleshooting and fabricating sophisticated mechanical and electronic equipment. Responsible for facilities maintenance and safety enforcement.

Requirements: Bachelor's in mechanical/chemical field or equivalent combination of education and experience required. Applicant must be well-versed in modern mechanical design, electronics and computer interfacing. 2-3 years experience in research/chemical engineering environment desirable. Ability to work independently essential. Some machine shop work helpful. Send cover letter and resume to Sam Weeks.

Assistant to the Director (PA1406) HRI Dean's Office/Architecture, Art and Planning-Endowed

Under general supervision, assist the Director of Administrative Operations in directing and managing the fiscal, personnel and plant operations for the College of Architecture, Art and Planning.

Requirements: Bachelor's or equivalent. 3-4 years experience, preferably at CU to include at least 2 years in budgeting and fiscal administration and personnel processes. 1 year PC/Macintosh experience. Excellent verbal and written communication skills; ability to maintain highest degree of confidentiality. Ability to use advanced spreadsheet and graphics software. Send cover letter and resume to Cynthia Smithbower.

Fiscal Officer (PC9204) HRI Computer Science-Endowed

Under general direction from the Director of Administration manage fiscal operation in a 150 member computer science department with an academic budget of \$3M and an annual research volume of \$5M. Respond to faculty, staff and students by assisting in implementing new or revised policies to improve the environment for teaching and research within the department. Develop and prepare annual operating budget and research budgets. Develop and implement policies and procedures for all accounting functions as required. Supervise accounts assistant. Design and implement financial management systems.

Requirements: Bachelor's or equivalent combination of education and experience. 4 years financial analysis/management experience preferably in academic setting. Experience and aptitude with microcomputers and software for institutional analysis and database management systems. Excellent communication, interpersonal, analytical and problem solving skills. Ability to prioritize and work effectively with diverse groups. Demonstrated experience in planning, organizing and implementing new initiatives. CU employees send employee transfer application to Esther Smith, Staffing Services, EHP.

Applications Programmer I (PT1403) HRI Finance and Business Services-Statutory

Coordinate the maintenance and upgrades of PC hardware and software. Develop and maintain documentation. Develop, install, maintain, and modify software for administrative systems from PC to mainframe computers. Assist with computer operation and maintenance of ADABAS security systems.

Requirements: Bachelor's in computer science or equivalent. 1-2 years related experience. Work with PC's, IBM System 36, and CU mainframe desirable. Knowledge of JCL, CMS, MVS, and ADABAS. Some experience with machine architecture, production procedures and systems utility programs. Send cover ltr and resume to Sam Weeks.

Financial Aid Counselor (PC1404) HRI Grad School/Fellowships and Financial Aid-Endowed

Counsel graduate students, faculty and staff regarding Title IV need based financial aid programs. Award need-based financial aid to graduate students; supervise support, part time graduate and undergraduate student staff; oversee maintenance of Financial Aid Management System (FAMS), student financial aid files and need-based financial aid records; handle all federal-need based financial aid correspondence and requests for re-evaluation of award offers.

Requirements: Bachelor's or equivalent. 1-2 years prior financial aid experience, knowledge of Title IV federal programs and FAMS. Must be capable of working in detail-oriented, demanding, confidential environment. Computer or CRT experience preferred. CU employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, EHP. External applicants, send cover letter, resume and salary requirements to Esther Smith, Staffing Services, 160 Day Hall.

Research Support Specialist II (PT1308) HRI Soil, Crop and Atmospheric Sciences-Statutory

Support a research program aimed at isolating and identifying natural plant compounds which are physiologically active on other species. Maintain and operate complex analytical equipment, independently conduct aspects of the research program; develop and evaluate methodology; statistically analyze results and survey literature. Until 9/30/90 with possible extension contingent upon funding.

Requirements: Bachelor's or Master's in biology, plant

physiology, or biochemistry preferred. Work related experience including pesticide residue analysis and biochemical techniques preferred. Valid NYS driver's license helpful. Send cover letter and resume to Sam Weeks.

Research Support Specialist I (PT1306) HRI Neurobiology and Behavior-Statutory

Research assistant with ability to work independently. Collect data, perform experiments, do library research, prepare publications, take part in field work and perform general lab chores.

Requirements: Bachelor's in entomology or other branch of biological sciences or equivalent and 2-3 years experience required with high recommendation or Master's in lieu of experience. Send cover letter & resume to Sam Weeks.

Research Support Specialist I (PT1204) HRI Agronomy-Statutory

Conduct field and lab experiments on soil and water management. Implement field trials throughout New York dealing with tillage, soil compaction, and drainage/irrigation. Do lab measurements on soil permeability and moisture retention. Compile, arrange and summarize data. Manipulate data using computers. Supervise summer field assistants. Construct equipment and instrumentation to be used in field and lab.

Requirements: Bachelor's in Agronomy or related field, Master's preferred. Understanding of soil and water management and related processes. Experience with farm and lab equipment and procedures. Ability in computer programming preferred. Send cover letter and resume to Sam Weeks.

Assistant to AVP for Working Family Programs (PC1109) HRI Associate VP for Human Relations-Endowed

Assist the Associate Vice President in assessing the family care needs of CU staff, faculty and students and in developing and implementing a comprehensive educational and referral Family Care Program for the University. Initially 2 year appointment.

Requirements: Bachelor's or equivalent. 2-3 years related experience. Understanding of parenting and caregiver education, child and adult development, work and family issues. Skills in family care counseling, research, program planning and evaluation, budget management. Demonstrated experience in leading parent/family provider groups. Excellent oral/written communication; teamwork. Send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, EHP, Ithaca, NY 14850. External applicants submit cover letter and resume to Esther Smith, Staffing Services, 160 Day Hall. Minorities are particularly encouraged to apply.

Research Support Specialist I (PT0902) HRI Clinical Sciences-Statutory

Provide technical support for the woodchuck hepatitis project. Assume primary responsibility for chemical carcinogenic study. Develop histochemical and immunocytological techniques and instruct others in their use. Perform necropsies. Some work with live animals possible.

Requirements: Bachelor's in biology with emphasis on histology, pathology or similar field. 2-3 years experience in histology lab. Send cover letter & resume to Sam Weeks.

Editor I (PC0817) HRI Agricultural & Biological Engineering-Statutory

Edit manuscripts for engineering related Cooperative Extension bulletins; write news releases; design and proof all materials; prepare mechanicals for delivery to the printer; supervise students. Until 6/1/91.

Requirements: BS emphasizing technical writing and editing for a general audience. Course work in agriculture or the environment desirable. 1-2 years related experience. Required skills include ability to edit technical publications for a general audience, ability to proof manuscripts and drafts designs, initiative and computer literacy. Experience in publications design is desirable. Send cover letter and resume to Esther Smith, Staffing Services, 160 Day Hall. Materials will be accepted until April 24 or until a suitable candidate is found.

Research Support Specialist (PT0306) HRI Equine Drug Testing-Statutory

Operate and maintain Mass Spectrometer, Gas Chromatograph and HPLC. Isolate and purify drugs and their metabolites for analytical analysis.

Requirements: Bachelor's in organic chemistry or equivalent experience. 2-3 years work with thin layer chromatography and basic knowledge of drug metabolism. Send cover letter and resume to Sam Weeks.

Research Support Specialist I (PT0212) HRI Animal Science-Statutory

Provide supervisory and technical support for research programs involving the design and analysis of Dairy Management Systems utilizing the NY Dairy Herd Improvement database. Analyze and develop dairy herd performance measures that will predict economic returns to the dairy enterprise. Develop and program software to assist with dairy herd management.

Requirements: Bachelor's or equivalent in animal science or agricultural economics. High level language, e.g., "C" programming experience, ability to use SAS, understanding of advanced computing techniques such as expert systems. Dairy farm background or experience helpful. Send cover letter and resume to Sam Weeks.

Professional Part-time

Executive Director Student Management Corporation (SMC)

SMC is a not-for-profit purchasing and management association for fraternities and sororities located at CU. Soon to celebrate its 20th anniversary, the cooperative's annual sales exceed \$2 million. Responsibilities include; manage annual plan, sales, and personnel; oversee operations of Purchasing, Financial, and Alumni Services departments. **Requirements:** Bachelor's or equivalent combination of education and experience required. Ability to work with students, knowledge of fundraising, financial accounting and computer skills a plus. Send cover letter and resume to Susan Call, 209 Willard Straight Hall. Please note: SMC is not a department of CU and therefore does not provide the CU benefit plan.

Accountant I (PC1411) HRI Electrical Engineering-Endowed

Administer sponsored research accounts; manage accounting office, and supervise staff of 2. Job sharing position. Hours to be arranged.

Requirements: Associate's or equivalent in business or accounting. Bachelor's preferred. 2-3 years related experience. Ability to use IBM PC and database software and to work under pressure. Good interpersonal skills. CU employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, EHP. External applicants send cover letter, resume and salary requirements to Esther Smith, Staffing Svcs, 160 Day Hall.

Professional Temporary

Technical Consultant I (PT0109) CISER-Endowed

Handle walk-in computing consulting for CISER members. Provide internal computing support for CISER staff; teach

computing skills via preparation of printer documentation; organize special education activities for users. 20 hrs pr wk. Until 7/11/90.

Requirements: Bachelor's or equivalent in computer science or social science required. Experience with micro-computers, mainframe data tape and file management. Social science experience with CU's IBM mainframe, CMS, SAS/SPSS, JCL, MVS. Send cover letter and resume to Sam Weeks.

Computer Consultants (T8212)

Information Technologies
Information Technologies is seeking applicants for part-time positions in customer (user) support. Successful applicants will have experience with a broad range of technologies (micro & mainframe) with general knowledge of major application software (wordprocessing, DBMS, operating systems etc.). Excellent communication skills and positive customer service orientation are essential. Knowledge of the CU computing environment preferred. Interested parties may submit a resume to Stephan Knapp, CU, CIT Resource Services, CCC Bldg. Room 121, Ithaca, NY 14850.

Technical

As a prominent research institution, CU has a diverse need for lab, electro/mechanical and computer support. Individuals with backgrounds in computer science, biology, microbiology, chemistry, animal husbandry, plant science and medical lab 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 lab related positions.

Electrician, (T1601,T1605)

Maintenance & Service Operations-Endowed
Install the following: electrical systems; feeder and branch circuit raceways and conductors; raceways for telecommunication and data systems; motor controllers and associated electrical pilot control devices; fire alarm systems; and lighting systems. Maintain electrical systems and perform other duties as assigned.

Requirements: HS graduate or equivalent. Completion of accredited inside wireman apprenticeship or equivalent experience. Must have and maintain a valid NYS driver's license. Send cover letter and resume to Sam Weeks.

Animal Technician, GR18 (T1203)

Physiology-Statutory
Minimum Biweekly Salary: \$529.35
Participate in long-term animal experiments with pregnant animals. Perform all aspects of general animal maintenance and maintain experimental records. Sample blood and prepare infusions. Perform general lab duties. Follow strict protocols for sterile or disease control environments and regulations for animal welfare.
Requirements: Associate's or equivalent biological sciences or equivalent. Bachelor's desirable. Pre-employment physical and immunizations required. Previous experience with sheep preferred. Send cover letter and resume to Sam Weeks.

Technician, GR19 (T1507)

Plant Pathology-Statutory
Minimum Biweekly Salary: \$551.86
Conduct pathogen testing in potato plants, screen populations for disease resistance and maintain potato tissue and pathogen culture collections. Prepare clones for shipment. Work in the lab, greenhouse and field. Train graduate students.
Requirements: Associate's in biological science or chemistry or training in biology, biochemistry or chemistry. 1 year lab experience with knowledge of tissue culture and testing procedures. Drivers license essential. Send cover letter and resume to Sam Weeks.

Facilities Inventory Drafter, GR19 (T1409)

Facilities Engineering-Endowed
Minimum Biweekly Salary: \$551.86
Responsible for maintaining and updating the drawings and floor plans of all CU buildings for the Facilities Inventory section. Create or revise plans from field sketches or construction drawings. Calculate and verify field data on space usage and gross and net square footage. Do field inspections. Maintain work log. Assist in training and supervision of student drafters.
Requirements: HS diploma or equivalent. Associate's preferred. 2 years drafting experience, strong communication and interpersonal skills. Experience with microcomputers and CADD desirable. Send cover letter to Sam Weeks.

Technician, GR20 (T1404)

Clinical Sciences-Statutory
Minimum Biweekly Salary: \$575.30
Provide technical support for an immunological lab research staff. Prepare tissue culture, bacteriological media, buffers and other formulated reagents. Collect blood and milk samples from cows. Work with other common lab animals. Clean lab and glassware. Do literature searches.
Requirements: Bachelor's in biology or equivalent experience in microbiological techniques. 1-2 years experience handling lab animals and knowledge of lab procedures. Send cover letter and resume to Sam Weeks.

Animal Health Technician, GR20 (T1405)

Veterinary Medical Teaching Hospital-Statutory
Minimum Biweekly Salary: \$575.30
Responsible for maintenance of aseptic conditions and coordination of surgery team in the operating room during a surgical procedure. Cleaning and sterilization of surgical and hospital equipment. Must be available when on-call for emergency duty. Some weekends and holidays required.
Requirements: Associate's in animal health technology. Licensed or eligible for licensure in NYS. 3 years operating room experience preferred. Send cover letter and resume to Sam Weeks.

Electrical Technician, GR20 (T0112)

Hotel Administration-Endowed
Minimum Biweekly Salary: \$575.30
Provide support for all Macintosh microcomputers (this includes programming, software and hardware support), and coordinate the support of the Appletalk network for faculty and staff.
Requirements: Bachelor's or equivalent coursework in computing or related fields. 1 year related experience with computer facility operations. Familiarity with hardware maintenance activities required. Experience with the Macintosh required. Some knowledge of networks desired. Send cover letter and resume to Sam Weeks.

Histology Technician, GR20 (T0115)

Veterinary Pathology-Statutory
Minimum Biweekly Salary: \$575.30
Prepare high quality microscopic slides for interpretation by Pathologist. Primary duties include embedding, sectioning and staining of animal tissue sections.
Requirements: Associate's or equivalent in medical lab technology with coursework in histological techniques. HT (ASCP) certification or eligible preferred. 1-2 years experience as a histology technician in a hospital or research lab preferred. Send cover letter and resume to Sam Weeks.

Technician, GR20 (T0706)

Floriculture and Ornamental Horticulture-Statutory
Minimum Biweekly Salary: \$575.30
Conduct field, greenhouse and lab experiments designed to evaluate the effects of weeds and weed control agents (including herbicides and biological control agents) on plant growth. Apply and evaluate herbicides and biological control responses to herbicides and weeds, data analysis and summary. Supervise 2 student employees, interact with Graduate students, other faculty, and department support staff. Some travel within NY State will be required.
Requirements: Bachelor's in horticulture, agronomy, plant science or related field or equivalent. 1 or more years of the following experience: weed identification and control, micro-computers, macro-computers, pesticide application, physiology lab skills, culture and maintenance of turfgrass and ornamentals. NYS driver's license is required. Must have (or be capable of obtaining) an NY Commercial Pesticide Applicator's certification in categories 3A and 10. Send cover letter and resume to Sam Weeks.

Lab Technician, GR21 (T1606)

Equine Drug Testing-Statutory
Minimum Biweekly Salary: \$599.73
Perform advanced analysis under the direction of a senior chemist. Operate, maintain, and trouble shoot HPLC apparatus. Analyze samples for drugs and drug metabolites using TLC and associated extraction techniques.
Requirements: BS in chemistry with 2-3 years experience in HPLC. Send cover letter and resume to Sam Weeks.

Technician, GR21 (T1607)

Floriculture & Ornamental Horticulture-Statutory
Minimum Biweekly Salary: \$599.73
Design, establish, and maintain research plots. Conduct field, greenhouse, and lab experiments evaluating the efficacy and safety of herbicides and biological control agents on turf and ornamentals. Responsibilities include measurement of plant responses; soil tests; application and evaluation of herbicides; analysis and summary of data; preparation and presentation of reports; and some staff supervision.
Requirements: Bachelor's in Horticulture, Agronomy or Plant Science. Master's preferred; with 2 years of related experience in plant science research. Must have or be able to obtain a NYS Commercial Pesticide Applicators certification. NYS drivers license required. Knowledge of one or more of the following: weed identification and control; pesticide application and evaluation; measurement of plant responses to environmental or xenobiotic stimuli; culture and maintenance of turfgrass and ornamentals; and computers. Send cover letter and resume to Sam Weeks.

Technician, GR21 (T0904)

Diagnostic Lab-Statutory
Minimum Biweekly Salary: \$599.73
Provide technical support for service, research, and teaching projects in diagnostic toxicology. Conduct analysis of toxicants and drug related compounds as requested. Maintain integrity of samples and chain of custody, prepare reagents, order supplies, and miscellaneous tasks related to good lab practices and safety.
Requirements: Bachelor's in science or equivalent experience. 1-2 years lab experience. Typing and computer skills. Send cover letter and resume to Sam Weeks.

Electronics Technician II, GR22 (T1401)

CIT/Network Resources-Endowed
Minimum Biweekly Salary: \$625.24
Provide support for the Network Management Center, its campus clients and CU's connections to external networks. Monitor network, diagnose problems, coordinate and document service requests, and provide network access preventative maintenance.
Requirements: Associate's or equivalent. 1-3 years data communications experience. Understanding of data communications networks and hardware highly desirable. Experience diagnosing network problems (especially TCP/IP) helpful. Strong interpersonal skills. Send cover letter and resume to Sam Weeks.

Technician, GR22 (T1307)

Pharmacology-Statutory
Minimum Biweekly Salary: \$625.24
Conduct experiments and analyze results in research on vertebrate phototransduction and epidermal growth factor receptor system. Participate in design and interpretation of results. Work with cell cultures, purify membrane proteins, and perform radioligand binding assays. Calculate, analyze and present data. Use computer for graphing and statistical analysis.
Requirements: Bachelor's in biochemistry or related field. 2 years lab experience required. Protein purification in cell culture work helpful. Send cover letter and resume to Sam Weeks.

Technician, GR22 (T1108)

Pharmacology-Statutory
Minimum Biweekly Salary: \$625.24
Conduct experiments and analyze results on biochemical research relating to calcium channels. Calculation and analysis of data-statistical and graphical. Perform independently, to some extent, in the design and interpretation of results.
Requirements: Bachelor's or equivalent in biochemistry, neurobiology or similar field. 2-4 years lab experience in a related field. Familiarity with balances, pH meters, centrifuges, gamma and scintillation counters, spectrophotometer, light microscope, and tissue culture equipment. Send cover letter and resume to Sam Weeks.

Research Equipment Technician, GR22 (T0406)

Nuclear Science and Engineering-Endowed
Minimum Biweekly Salary: \$625.24
Build research lab apparatus using standard machine shop equipment; use and maintain research lab equipment; operate low power nuclear reactors; operate gamma irradiation facility; use radiation safety equipment.
Requirements: Associate's in mechanical and/or electrical technology or equivalent experience. 3 years related experience. Nuclear reactor operator license or certification highly desirable. Knowledge of use of machine shop tools and research lab test equipment. Willingness and ability to learn procedures and methods of radiation safety and reactor operations and to pass US operator license examination (after training). Send cover letter and resume to Sam Weeks.

Electronics Technician, GR23-GR25 (T0802)

Telecommunications-Endowed
Minimum Biweekly Salary: \$651.82
Provide technical support for the campus telecommunications system, equipment and peripherals through assembly, installation, testing, and maintenance. Make the connections of ancillary hardware.
Requirements: Associate's or equivalent in electronics or related field. 3-10 years experience in installation and maintenance of telecom equipment, including PBX. Considerable electronics testing skills and ability to read building and underground plant prints. Some supervisory or project leader experience desirable. Must provide own hand tools. Must maintain valid NYS driver's license and have personal car available. Send cover letter and resume to Sam Weeks.

Mac-CHESS Operator, GR24 (T1609)

Biochemistry Molecular & Cell Biology/CHESS-State
Minimum Biweekly Salary: \$682.77
Give user groups supervision and instruction in the operations, safety procedures, and equipment usage for their biological diffraction experiments. Assist in some experiments. Repair diffraction apparatus and assist in design, modification, and development of beam lines. Do some computer programming when necessary. Help with data reduction using the storage phosphor detector system. Some evenings and weekend hours are required.
Requirements: Bachelor's or equivalent in engineering, physics, chemistry or biology. Good mechanical and lab skills. Several years related experience preferred. Computer programming skills desirable. Send cover letter and resume to Sam Weeks.

Coordinator of Workstation Facilities, GR24 (T0903)

Information Technologies-Endowed
Minimum Biweekly Salary: \$682.77
Act as primary information source in facility. Provide complex computer support to users. Operate and maintain all mainframe and micro-computer equipment. Maintain databases, networks & hard drives. Mon-Fri, 7:30am-4pm
Requirements: Associate's with related computer coursework or background. 3-5 years related experience (CU systems preferred). Extensive knowledge of overall operation of mainframes, microcomputers and networks. Excellent interpersonal, communication and organizational skills. Knowledge of CMS, VMS, Unix and Mac operating systems is essential. Send cover letter and resume to Sam Weeks.

Technical Off-Campus

Technician, GR18 (T1005)

Poultry and Avian Sciences-Statutory
Minimum Biweekly Salary: \$529.35
Take part in a study of dietary and physiological balance of phosphorus and other nutrients in fish. Conduct and assist in biological and chemical analyses. Summarize experimental data. Assist with other duties in the study. Located between Dryden and Cortland. 12 months.
Requirements: Associate's or equivalent experience. College courses in chemistry with basic lab procedures or work in chemistry or nutrition lab. 1 year related experience. Send cover letter and resume to Sam Weeks.

Technical Part-time

Technician, GR18 (T1201)

Plant Pathology-Statutory
Minimum full-time equivalent: \$529.35
Provide technical support in a cytology lab. Acquire, manipulate and plot data from videotapes using IBMXT. Update reference database, maintain fungal cultures, prepare solutions, also photographic printing and general lab maintenance. Possible full time after 6 months contingent on additional funding.
Requirements: Associate's or equivalent in biology or related field. Knowledge of IBM-compatible computers. Minimum 1 year research experience desirable. Send cover letter and resume to Sam Weeks.

Animal Technician, GR18 (T0804)

Veterinary Microbiology-Statutory
Minimum full-time equivalent: \$529.35
Provide care (feed, water, clean and monitor) for small research animals following strict protocols for sterile or disease control environments and regulations for animal welfare. Maintain animal records. May include assisting Vets in treating and vaccinating animals. Saturday, Sunday and Wednesdays.
Requirements: HS diploma or equivalent. Associate's in Animal Science desired. Assistant animal certificate helpful. Knowledge of a variety of lab animals and animal breeding required. One year animal experience. Ability to lift 50 lbs. Pre-employment physical and all necessary immunizations required. Send cover letter and resume to Sam Weeks.

Technician, GR20 (T1006)

Biochemistry-Statutory
Minimum full-time equivalent: \$575.30
Assist with culturing bacteria; enzyme purification, and assay. General lab duties. 25 hrs pr wk.
Requirements: Bachelor's or equivalent; courses in biochemistry or microbiology. 1-2 years practical lab experience in biochemical/microbiological lab, including chromatography, spectrophotometer, and gel electrophoresis. Send cover letter and resume to Sam Weeks.

Technician, GR21 (T1608)

Floriculture & Ornamental Horticulture-Statutory
Minimum full-time equivalent: \$599.73
Design, establish, and maintain research plots. Conduct field, greenhouse, and lab experiments evaluating the efficacy and safety of herbicides and biological control agents on turf and ornamentals. Responsibilities include measurement of plant responses; soil tests; application and evaluation of herbicides; analysis and summary of data; preparation and presentation of reports; and some staff supervision. Flexible hours, 20 hrs pr wk.
Requirements: Bachelor's in Horticulture, Agronomy or Plant Science. Master's preferred; with 2 years of related experience in plant science research. Must have or be able to obtain a NYS Commercial Pesticide Applicators certification. NYS drivers license required. Knowledge of one or more of the following: weed identification and control; pesticide application and evaluation; measurement of plant responses to environmental or xenobiotic stimuli; culture and maintenance of turfgrass and ornamentals; and computers. Send cover letter and resume to Sam Weeks.

Technical Temporary

Applications Programmer (T1602)

Division of Nutritional Sciences
Design, develop and document state-wide reporting system in consultation with program staff. 4 months, Monday - Friday, 20 hrs pr wk.
Requirements: Associate's or equivalent with computer experience. 2-3 years programming experience preferred. Experience with database design & programming, preferably with dBASE. Excellent oral and written communication skills. Send cover letter and resume to Sam Weeks.

Lab Assistant (T1603)

Plant Breeding
Work on RFLP mapping project of barley. Assist in running gels, blotting, and DNA extractions. Help with data entry. Until 6/1/90, 4 to 5 hours per day.
Requirements: Applicants with lab experience highly desirable. Must be able to follow directions exactly and work with care. Send cover letter & resume to Sam Weeks.

Technician (T1604)

Clinical Sciences
Lab assistant to complete biochemical assays used as clinical diagnostic tests in veterinary patients. 2 to 3 half days per week.
Requirements: Understand basic lab techniques including quantitative pipetting, centrifuging, preparing reagents and operating a spectrophotometer. Cataloging samples and reporting test results by computer entry. Assist in projects that may include handling of dogs and cats. Send cover letter and resume to Sam Weeks.

Animal Technician (T1505)

Lab Animal Services
Feed, water, clean and monitor research animals following strict protocols for sterile or disease control environments and regulations for animal welfare. Maintain animal records including health observations. May include assisting Vets in treating and vaccinating animals. 6 months.
Requirements: HS diploma or equivalent. Associate's in animal science desired. Assistant animal certificate helpful. Knowledge of a variety of lab animals and animal breeding required. 1 year animal experience. Pre-employment physical and all necessary immunizations required. Able to lift 50 pounds. Must have a valid NYS driver's license. Some weekend work required. 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 (C1511)

Information Technologies/MOS-Endowed
Minimum Biweekly Salary: \$498.93
Perform cashier functions. Assist Stockkeeper and perform clerical duties as needed. Assist in inventories. Take telephone orders and fill sales requests. Help in solving of customer complaints or problems.
Requirements: HS diploma or equivalent. Working knowledge of microcomputers. Strong interpersonal and communication skills, attention to detail. Ability to lift 30 pounds without risk.

Secretary, GR18 (C1601)

National Nanofabrication Facility-Endowed
Minimum Biweekly Salary: \$529.35
Provide general secretarial support to the Corporate Liaison Officer, administrative and technical staff. Maintain schedules; sort mail; word processing papers, proposals, and reports. Maintain records of NNF's corporate outreach program, coordinate annual technical review. Other duties as assigned.
Requirements: HS Diploma or equivalent. Some college coursework preferred. 1-2 years CU experience desirable. Excellent communications, interpersonal, and organizational skills. Close attention to detail a must. Computer experience helpful. Macintosh, pagemaker experience helpful. Medium typing.

Reserve Assistant, GR18 (C1607)

Reserve/Urns Library, CUL-Endowed
Minimum Biweekly Salary: \$529.35
Under the direction of the Reserve Supervisor processes all photocopied and personal copy reserve materials; work

all the Circulation/Reserve desks; specific duties include: pulling journals from Urns and Urns Libraries and act as liaison with Urns photocopy service; incharge of circulation/reserve desk in absence of evening supervisor; assist with reserve processing; compile statistical reports. Monday - Thursday, 1pm - 10pm, Friday, 1pm - 9pm
Requirements: HS diploma or equivalent. Some college coursework preferred. 1 year related experience. Aptitude for detailed work. Excellent organizational skills. Ability to work with a variety of people in a public service setting and work under pressure. Light typing. Send cover letter and resume to Esther Smith, Staffing Services, 160 Day Hall.

Secretary, GR18 (C1605)

School of Hotel Administration-Endowed
Minimum Biweekly Salary: \$529.35
Provide data processing and clerical support to the director of alumni affairs and the administrative aide. On-going updating alumni data base, frequent contact with students and faculty. Other duties as assigned.
Requirements: HS diploma or equivalent. 1 year related experience. Knowledge of computers. Good written and verbal skills. Accuracy and attention to detail. Ability to work independently, handle pressure, meet deadlines, and maintain a high level of confidentiality. Medium typing.

Office Assistant, GR18 (C1603)

C.U. Press-Endowed
Minimum Biweekly Salary: \$529.35
Open mail and direct it to proper staff. Fill in when needed in invoice preparation department.
Requirements: HS Diploma or equivalent. 1-2 years related experience, including a familiarity with computer/data processing procedures. Good interpersonal, communication, and organizational skills.

Secretary, GR18 (C1507)

ILR/Collective Bargaining, Labor Law-Statutory
Minimum Biweekly Salary: \$529.35
Coordinate and provide administrative support to CU's ILR Collective Bargaining Institute. Assist in planning and operation of ILR at Oxford Summer Symposium; provide support to 3 full time and 1 emeritus professor; maintain data base records on budgets of and all parties involved in the CB Institute; perform word processing and manuscript preparation using Wordperfect.
Requirements: HS education or equivalent. Some college coursework preferred. 1 year related experience. Strong organizational, administrative and communication (written and oral) skills required. Ability to handle diversified tasks under pressure. Knowledge of Macintosh File software and Wordperfect-PC. Medium typing.

Senior Records Assistant, GR18 (C1513)

Technical Services/Urns Library/CUL-Endowed
Minimum Biweekly Salary: \$529.35
Under supervision of Technical Services Librarian, responsible for processing newly received monographs; prepare books-in-hand for central processing; maintain order files; assist Librarian with problem solving. Spend 25% of time cataloging audio-visual materials on automated catalog system.
Requirements: HS diploma or equivalent. Some college coursework helpful. Attention to detail and aptitude for understanding library technical processing procedures. Must be highly organized and manage time effectively. Good interpersonal skills are essential. Previous library and computer experience desirable. Medium typing. Send cover letter and resume to Esther Smith, Staffing Services, 160 Day Hall.

Secretary, GR18 (C1508)

Vegetable Crops-Statutory
Minimum Biweekly Salary: \$529.35
Provide secretarial support to 3 faculty and their support staff; act as receptionist to faculty group; provide backup for other secretaries in department. As secretary to department Extension Leader, the major focus of work is Extension-oriented.
Requirements: HS diploma or equivalent. College coursework in business or secretarial science preferred. 1-2 years secretarial experience, preferably in University setting. Strong organizational and interpersonal skills with attention to detail. Working knowledge of WordPerfect 5.0 essential. Familiar with electronic mail systems desirable. Medium typing.

Office Assistant, GR18 (C1414)

Campus Store-Endowed
Minimum Biweekly Salary: \$529.35
Record all incoming books for Tradebook department, into a computerized inventory control system; process related paperwork (invoices, purchase orders, etc.); prepare merchandise for sales floor presentation or mailing; maintain inventory through data entry; take periodic physical inventory of stock. Occasional weekends.
Requirements: HS Diploma or Equivalent. Some college coursework preferred. 1 year related retail experience, preferably with books required. Data entry experience essential. Excellent communication, interpersonal and organizational skills. Light 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 Services, 160 Day Hall. Minorities are particularly encouraged to apply.

Accounts Assistant, GR18 (C1006)

Administrative Operations/CUL-Endowed
Minimum Biweekly Salary: \$529.35
Under the direction of the Accounting Manager, process and pay vendor invoices/credits for library materials for the 10 endowed libraries and some statutory units. Audit and process for payment, approval on library automated system; correspondence with vendors; review and update fine and replacement charges/credits with the Bursar's Office; maintain vendor files (automated and manual); process orders for library supplies; process and monitor typewriter leases. Other duties as assigned.
Requirements: HS diploma or equivalent. Some college coursework preferred. Minimum of 1 year previous accounting/bookkeeping experience and familiarity with standard office machines. High degree of accuracy. Attention to detail; experience with microcomputers, IBM preferred, (data entry, word processing, spreadsheet management). Strong organizational, communication (written and verbal) and interpersonal skills. Familiarity with CU accounting system desirable. Light typing.

Office Assistant, GR19 (C1609)

Academic Programs, College of Ag. & Life Sci-State
Minimum Biweekly Salary: \$551.86
Provide assistance to the Registrar in the maintenance of student records and classroom scheduling, including all course, room, and time data input on the computer; compile and edit the information for the Course/Time/Room Rosters; assist with the pre-registration of students during peak periods.
Requirements: HS diploma or equivalent. Some college coursework preferred. 2 years experience, preferably in a related college environment. Data processing skills necessary. Knowledge of Macintosh computer helpful. Medium typing. CU employees send transfer application, cover letter and resume to Esther Smith, Staffing Services, EHP.

Accounts Assistant, GR19 (C1606)

Purchasing-Endowed
Minimum Biweekly Salary: \$551.86
Process vendor invoices for payment by sorting, examining, matching and auditing invoices to corresponding purchase order records; create the vouchers for payment and recording payments against purchase order records; resolve vendor payment problems as they occur. Assign purchase order numbers; separate and distribute forms.
Requirements: HS diploma or equivalent. Some college coursework preferred. 2 years related experience. Knowledge of CU accounting system helpful. Good organizational skills. Experience in data entry skills preferred. Medium typing. CU employees send transfer application, cover letter & resume to Esther Smith, Staffing Svcs, EHP.

Office Assistant, GR19 (C1303)

Architecture, Art and Planning-Endowed
Minimum Biweekly Salary: \$551.86
Maintain college course file; process student schedule changes and pre-course enrollment; act as receptionist; prepare registration and pre-course enrollment packets for distribution; maintain record of student petitions.
Requirements: HS diploma or equivalent, some college coursework preferred. 2 years related experience with university mainframe computer, word processing programs with specific experience with Macintosh computers and Wordperfect required. 2 years experience in a similar college office helpful. Able to work well with students, staff

Proof of Incurred Expenses Must Accompany a Select Benefits Medical Claim

Employees participating in a Select Benefits medical reimbursement account for 1990 must include proof of incurred expenses. Federal regulations require documentation as proof that an expense has not previously been reimbursed.

Expenses that are not reimbursed in full by your medical or dental insurance can be submitted to your Select Benefits medical

care account. You may also receive reimbursement for expenses that are not eligible for coverage under your health or dental plan, as long as the expenses are recognized by the IRS (see IRS Publication #502) as medical expenditures.

How to obtain the necessary documentation for Select Benefits claims submission:

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 Services, 160 Day Hall.

Accounts/Personnel Coordinator, GR21 (C1311)
Modern Languages and Linguistics-Endowed
Minimum Biweekly Salary: \$599.73
Provide administrative support for Chair and Administrative Manager of large academic department. Under general supervision assist with fiscal and personnel management services; responsible for processing of academic and non-academic appointment forms and handling day-to-day financial activities including purchasing, inventory, preparation of payments and monitoring of departmental accounts; assist with word proc. & general office duties.
Requirements: Associate's in business/accounting or equivalent; 2-3 years experience in office setting. Administrative experience and knowledge of bookkeeping/accounting, preferably at CU. Computer experience with use of database programs, spreadsheets and wordprocessing essential. Able to work independently in a busy work environment and to organize data and maintain confidentiality. Knowledge of foreign languages/cultures helpful. Medium typing. Send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, EHP, Ithaca, NY 14850.

Office Professionals Part-Time

Office Assistant, GR15 (C1405)
Veterinary Medical Teaching Hospital-Statutory
Minimum full-time equivalent: \$486.92
Work with weekend hospital census package and other medical record computer programs; check in records from the Small Animal Clinic on a daily basis; file lab reports and records on a daily basis; pull medical charts for research; assist doctors in finding records and prepare records for microfilm. Some holiday work required. Monday-Friday, 2pm-6pm; Saturday 8am-12 noon.
Requirements: HS diploma or equivalent. Some experience preferred. Must be dependable. Good organizational, interpersonal and communication skills desirable. Light typing. Send cover letter and resume to Esther Smith, Staffing Services, 160 Day Hall.

Preparations Assistant, GR17 (C1309)
Conservation/CUL-Endowed
Minimum full-time equivalent: \$517.65
In accordance with conservation standards, applies various techniques and materials in the pre-binding of all unbound monographs. Prepare monographs and theses for commercial binding and other monographs for conservation rebinding; maintain power machinery, relevant records, and stock of materials; share responsibility for functioning of unit, including work flow, staff coverage, training and decision making. 20 hrs pr wk.
Requirements: HS diploma or equivalent. Excellent work-flow management skills. Able to dismantle and service power machinery. Strong communication and interpersonal skills. Able to train and monitor work of others. Previous library experience desirable. Knowledge of book binding structures desirable. Send cover letter and resume to Esther Smith, Staffing Services, 160 Day Hall.

Secretary, GR18 (C1608)
Community & Rural Development Institute-Statutory
Minimum full-time equivalent: \$529.35
Provide secretarial support for Associate Director of Institute. Heavy typing for research and extension activities. Process expense reports; conference organization; newsletter preparation. Other duties as assigned. Flexible, half days preferred.
Requirements: HS diploma or equivalent. Some college coursework in Secretarial Science desirable. 1-2 years professional secretarial experience required. Experience with computer, word processor essential. Excellent communication and organizational skills. Heavy typing. Send cover letter and resume to Esther Smith, Staffing Services, 160 Day Hall.

Information Assistant, GR18 (C1407)
Reference/Engineering Library/CUL-Endowed
Minimum full-time equivalent: \$529.35
Responsible for assisting library patrons in locating information using traditional and computerized reference tools, such as the online catalog, RLIN, compact disk and fee-based searches in Dialog; review and verify interlibrary loan requests; respond to requests from the Document Photocopy Service; assist with bibliographic collections, or instruction projects. Monday, Tuesday, Wednesday, Friday, 11am-3pm; Thursday, 6pm-10pm (negotiable).
Requirements: HS diploma or equivalent. 2 years college coursework successfully completed. 1-2 years experience with the research process. Able to work under pressure. Experience with microcomputers preferred. Strong interpersonal, organizational and communication skills. Experience in an academic library desirable. Light typing. Send cover letter and resume to Esther Smith, Staffing Services, 160 Day Hall.

Entomology Assistant, GR18 (C1401)
Mann Library-Statutory
Minimum full-time equivalent: \$529.35
Under the direction of the Entomology Coordinator, responsible for staffing the Entomology Library. Provide information and general assistance; circulate library materials; shelve books; maintain supplies; handle mail; responsible for processing interlibrary lending requests and course reserve lists; work with binding coordinator to prepare materials for binding.
Requirements: Associate's or equivalent experience and education. Background in entomology, agriculture, or biological sciences preferred. Strong interpersonal and communication skills. Able to be self-directed, meet deadlines and pay attention to detail. Experience working in an academic research library is desirable. Send cover letter and resume to Esther Smith, Staffing Svcs, 160 Day Hall.

Transportation Service Representative, GR21 (C1602)
Office of Transportation Services-Endowed
Minimum full-time equivalent: \$599.73

First submit expenses eligible for reimbursement under a medical or dental plan to your insurance carrier. You will then receive an "explanation of benefits" statement telling how much has been reimbursed for each submitted expense or which expenses are not covered. This "explanation of benefits" is your documentation and a copy should be attached when submitting claims to a Select Benefits medical reimbursement account.

If your medical expenses are not eligible under your health or dental plan, for example eyeglasses, you need to attach a copy of the itemized bill to your claim form.

If you have any questions, contact Pat Cook or Donna Bugliari in Endowed Employee Benefits at 255-3936 or Midge Kelsey in Statutory Benefits at 255-4455.

Jobs *Continued from page 3e*

and faculty essential. 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 Services, 160 Day Hall.

Secretary, GR19 (C0707)
Arts and Sciences Public Affairs-Endowed
Minimum Biweekly Salary: \$551.86
Provide administrative and secretarial support for the Director of Public Affairs and the Director of Alumni Affairs as well as two Assistant Directors. Arrange meetings, events, staff travel; assist with gift processing and tracking. 12 month position.
Requirements: HS diploma or equivalent. Some college coursework preferred. 2 years secretarial experience required. Good typing, filing, and telephone skills essential. Ability to work on projects independently and under deadlines. Knowledge of IBM computer and its applications necessary. Medium typing.

Accounts Assistant, GR19 (C1306)
CU Transit, Inc.-Endowed
Minimum Biweekly Salary: \$551.86
Serve as accounting clerk. Perform a diversified assortment of clerical and receptionist duties. Responsible for daily handling of cash from buses and parking meters. Monday, Wednesday, Friday, 11:30am-8pm, Tuesday, Thursday, 7am-3:30pm.
Requirements: Associate's or equivalent in education, experience and training. 2-3 years business office experience. Must be bondable. Experience with microcomputers (dBase III, Lotus 123) helpful. Medium typing. Send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, EHP, Ithaca, NY 14850.

Secretary, GR20 (C1307)
Plant Breeding and Biometry-Statutory
Minimum Biweekly Salary: \$575.30
Provide secretarial support for the faculty in the biometrics unit for their teaching, research, and consulting activities including coordination of the consulting services, producing annual report, & secretarial support for grad faculty rep.
Requirements: Associate's or equivalent. 2-3 years related experience. Technical typing and word processing. Strong organizational, interpersonal and communication (oral and written) skills. Knowledge of IBM-PC/Macintosh desirable. Medium typing. Send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, EHP.

Senior Department Assistant, GR20 (C1512)
Media Rooms/Urns Library/CUL-Endowed
Minimum Biweekly Salary: \$575.30
Under supervision of the Media Rooms Supervisor, manage the Media Rooms individual viewing/listening facility with 30 A/V stations. Hire, train and supervise Media Rooms 12-15 student assistants. Assist in scheduling use of group viewing rooms. Oversee ongoing recording of public lectures on campus. Provide technical training to staff and patrons in use of Media Rooms equipment. Monday, Tues, Wed, Fri, 10am-7pm; Thursday, 8am-5pm.
Requirements: Associate's or equivalent formal training or substantial experience with media preferred. Hands-on experience with all commonly used A/V equipment. Excellent organizational and interpersonal skills essential. Some supervisory or library experience preferred. Unimpaired or corrected vision and hearing required. Ability to lift and carry equipment weighing up to 40 pounds. Keyboarding experience. Send cover letter and resume to Esther Smith, Staffing Services, 160 Day Hall.

Accounts Assistant, GR20 (C1504)
Electrical Engineering-Endowed
Minimum Biweekly Salary: \$575.30
Responsible for processing the school's payroll; prepare transactions, monitor activity, and report on status of school accounts; maintain inventory listing for school and research; provide assistance for the Accountant.
Requirements: Associate's in business or related area or equivalent. 2 years experience at CU. Extensive experience working with CU payroll system. Ability to work under pressure. CU employees only. Send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, EHP.

Administrative Aide, GR20 (C8909)
University Development-Endowed
Minimum Biweekly Salary: \$575.30
Provide secretarial and administrative assistance to the Office of Major Gifts. Coordinate flow and oversee completion of work within office; assist in making arrangements for visitors to campus; conduct research for special projects; type, edit and proofread correspondence, reports, etc.; make appointments and coordinate travel arrangements.
Requirements: Associate's or equivalent. 2-3 years office experience. Excellent organizational, communications and interpersonal skills. Discretion in handling confidential information. Able to prioritize assignments and work under pressure. Knowledge of CU desirable. Medium typing.

Editorial Assistant, GR20 (C1305)
C.U. Press-Endowed
Minimum Biweekly Salary: \$575.30
Assist the Acquisitions Editor/Coordinator in acquiring manuscripts; draft letters and memos to Press advisers and authors; maintain some department records; assist in preparation of contracts and annual reports; major responsibilities for coordinating workflow in department and with other departments; some training of new assistants and temporary employees.
Requirements: Associate's or equivalent. Excellent typing. Strong communication skills. Some publishing experience desirable. Heavy typing. Send cover letter and resume to Esther Smith, Staffing Services, 160 Day Hall. Employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, EHP.

Administrative Aide, GR21 (C1514)
Psychology-Endowed
Minimum Biweekly Salary: \$599.73
Responsible for grant preparation, administration, and personnel and budgetary supervision required by 2 professors for running of 3 laboratories at CU. Provide scientific and library assistance for research. Act as liaison for off-campus studies. Assist in manuscript preparation, data analysis and statistical work.
Requirements: Associate's or equivalent required. 2-3 years experience in administrative support work, preferably at CU. Excellent organizational and interpersonal skills. 2 or more years experience using word processing, and other computer programs. Ability to work independently. Regular CU employees only. Send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, EHP.

Administrative Aide, GR21 (C1502)
Philosophy-Endowed
Minimum Biweekly Salary: \$599.73
Maintain computerized circulation records for 3200 subscribers. Specific duties include processing subscriptions, writing to subscribers regarding queries and problems, and planning circulation procedures related to a quarterly scholarly journal. Proofreading and assisting managing editor are important aspects of the job.
Requirements: Associate's or equivalent. 2 years related experience demonstrated by strong attention to detail, strong organizational and writing skills. Familiar with publishing, circulation and with philosophical terms. Data processing skills for IBM PC desired. Light typing. CU

To act as university representative in disseminating information concerning parking and traffic to the university community and visitors. Provide services and conduct transactions that insure the effective and efficient implementation of university policies related to parking, traffic and circulation on the Ithaca campus. Mon - Fri, Hours variable.
Requirements: HS diploma or equivalent. Valid NYS driver's license. Excellent interpersonal and communication skills. Knowledge of data entry, ability to work with mainframe and micro-computer applications and programs. Light typing. 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 Services, 160 Day Hall.

Office Professionals Temporary

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

Office Assistant (S1107)
Physiology
Provide support in the areas of data entry and word processing utilizing IBM Wordperfect. Answer phones, copy, file. Attention to detail and accuracy is a must. Library searches for journal articles. Part-time flexible hours, 15-20 hrs pr wk. Send cover letter and resume to Karen Raponi, Staffing Services, 160 Day Hall.

Secretary (S1500)
Division of Nutritional Sciences/CFNPP
Provide back-up support to administrative staff and 2 researchers. Copy, word processing (Wordperfect); provide student/visitor assistance; prepare standard vouchers; provide telephone coverage for 10-12 people. Make on-campus deliveries. Make/arrange for off-campus deliveries. Order program supplies. Fill publication requests. Replenish publication inventory. Other duties as assigned. Until 9/5/90.
Requirements: HS diploma plus secretarial training or equivalent work experience. Experience with word processing (Wordperfect preferred); able to coordinate a variety of activities; good interpersonal and communication skills. Familiarity with CU procedures is helpful. Send cover letter and resume to Karen Raponi, Staffing Services, 160 Day Hall.

Data Entry Operator (S1402)
Summer Session
Data entry of all summer student registration information. Perform general clerical duties. Until 8/90, full-time.
Requirements: HS diploma or equivalent. Ability to use IBM PC with Wordperfect desirable. 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.
All external candidates must have a completed signed employment application on file with Staffing before they can be interviewed for a position.

Maintenance Mechanic, SO08 (G1201)
Buildings' Care-Endowed
The April 5th edition of the CU Employment News published the correct job description for (G1201). The March 29th, April 12th and April 19th edition published the incorrect job description for (G1201).

Chief Dispatcher, SO06 (G1505)
Maintenance and Service Operations-Endowed
Hiring Rate: \$7.20
Assist Operations Manager in coordinating the university's customer service center. The customer service center is the focal point of requests for repairs, maintenance and alterations, and information about the physical plant.
Requirements: HS diploma or equivalent. 1-2 years experience in the customer service field. Excellent interpersonal skills. Ability to work under pressure, strong decision-making, problem solving, priority setting and time management skills. Must be detail-oriented. Experience with mainframe and personal computers desirable. Training and/or experience in public relations, sales, or service preferred. 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 Services, 160 Day Hall.

Bus Driver, SO06 (G9506)
CU Transit-Endowed
Hiring Rate: \$7.20
Drive bus on campus, TOMTRAN routes and charter trips. Check vehicle for proper operating condition; provide information and directions. Shift subject to change.
Requirements: HS diploma or equivalent. NYS Class 2 driver's license required. Pre-employment physical and other Department of Motor Vehicles requirements. 3-6 months current bus driving experience. Good communication (oral) skills. Send cover letter and resume to Esther Smith, Staffing Services, EHP, Ithaca, NY 14850. Women and minorities are particularly encouraged to apply.

General Service Temporary

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

Drivers, Bartenders, and Waitstaff (S1502)
Cornell Catering
Cornell Catering needs bartenders, waitstaff, and drivers for May 26, and June 7-10. Interested? Informal meeting May 6, 1990, 2pm, 3rd floor Robert Purcell Union. Bring photo identification, social security card, and work papers. Questions call Diana or Allison at 255-5555.

Custodian
Building Care-Endowed/Statutory
Temporary Rate: \$5.00
Continuous recruitment will be done in the department of Building Care for temporary custodians. Provide general custodial care of buildings and grounds in immediate vicinity of assigned area. Mon-Thurs 6am-2:30pm, 6am-1:30pm. Periodically 2nd & 3rd shift hrs are available.
Requirements: Basic reading and writing skills. Able to operate a variety of heavy power equipment, lift 50 pounds and climb a 6 foot ladder. Contact Karen Raponi, Staffing Services, EHP, 255-2192 for an interview.

General Service Off-Campus

Utility Plant Operator, GR19 (G1403)
Safety Division/Geneva-Statutory
Minimum Biweekly Salary: \$551.86
Secure and patrol buildings, farms, greenhouses, grounds; monitor controlled temperature chambers and building mechanical rooms; operate gas and oil fired, lb. pressure steam boilers and related equipment.
Requirements: HS diploma or equivalent. Valid NY driver's license. 2 years experience in security or related work. Able to operate high pressure steam boilers and related equipment. Considerable amount of walking/stairing. There is a 50 lb. lifting requirement. 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 Services, 160 Day Hall. Women and minorities encouraged to apply.

Please submit materials for the following positions to 160 Day Hall.

Physical Therapist Assistant, GR20 (B1601)
University Health Services-Endowed
Minimum Biweekly Salary: \$575.30
Carry out treatments as directed and supervised by the department's Physical Therapist.
Requirements: Associate's degree in Physical Therapy Assistantship or equivalent. Athletic training preferred. Experience in orthopedic/sports medicine setting desirable. 2-3 years experience in related setting with advanced degree considered. Send cover letter and resume to Cynthia Smithbower.

Temporary Field Assistant (B1301)
Plant Breeding
Hiring Rate: \$5.75
Work on forage breeding project. Help plant harvest and care for forage plots both in the field and in the greenhouse May 1 through November 10, 1990.
Requirements: Must have NYS driver's license. Able to work independently, & familiar with operating farm equipment. Send application materials to Cynthia Smithbower.

Academic

Senior Extension Associate II
Human Resources Program, ILR/CU, NYC
Responsible for managing series of public or open-enrollment seminars and workshops for Human Resources managers and other professionals in the field. Respond to requests for customized in-house training programs. Background in Human Resources/Personnel, training experience and advanced degree in related field. Applicants should submit resume to Dr. Craig McAllister, Chairman, ILR/CU, 15 E. 26th Street, 4th Floor, NY, NY 10010.

Research Associate III
Molecular Neurotoxicology
One year renewable appointment (state-funded, non-tenure track) available on or after July 1, 1990 to join a multidisciplinary research team investigating molecular mechanisms of insecticide neurotoxicity and the role of altered target sites in insecticide resistance. This position will assume primary responsibility for ongoing studies involving the characterization of insecticide interactions with target macromolecules using radioligand binding assays of target macromolecules in *Xenopus* oocytes. A Ph.D. in entomology, physiology, pharmacology, toxicology, or other relevant discipline is required; applicants with prior experience in intracellular microelectrode recording or radioligand binding techniques will be given preference. Applicants should send curriculum vitae, publication list, and names of three references to: Dr. David M. Soderlund, Insecticide Toxicology Lab, Department of Entomology, NYSAES, CU, Geneva, NY 14456.

Instructor in Anesthesiology
NYS College of Veterinary Medicine, Department of Clinical Sciences
One year Instructor position in the Section of Anesthesiology with clinical responsibilities in both the Small and Large Animal Clinics. Completion of a residency program recognized by the American College of Veterinary Anesthesiologists is highly desirable. Applicants should submit a curriculum vitae and the names and addresses of 3 references to: Dr. Robert F. Playter, Director, Veterinary Medicine Teaching Hospital, NYS College of Veterinary Medicine, CU, Ithaca, NY 14853-6401.

Cornell Employment News

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