

CORNELL CHRONICLE

Volume 22 Number 6 October 4, 1990



The Cornell complex

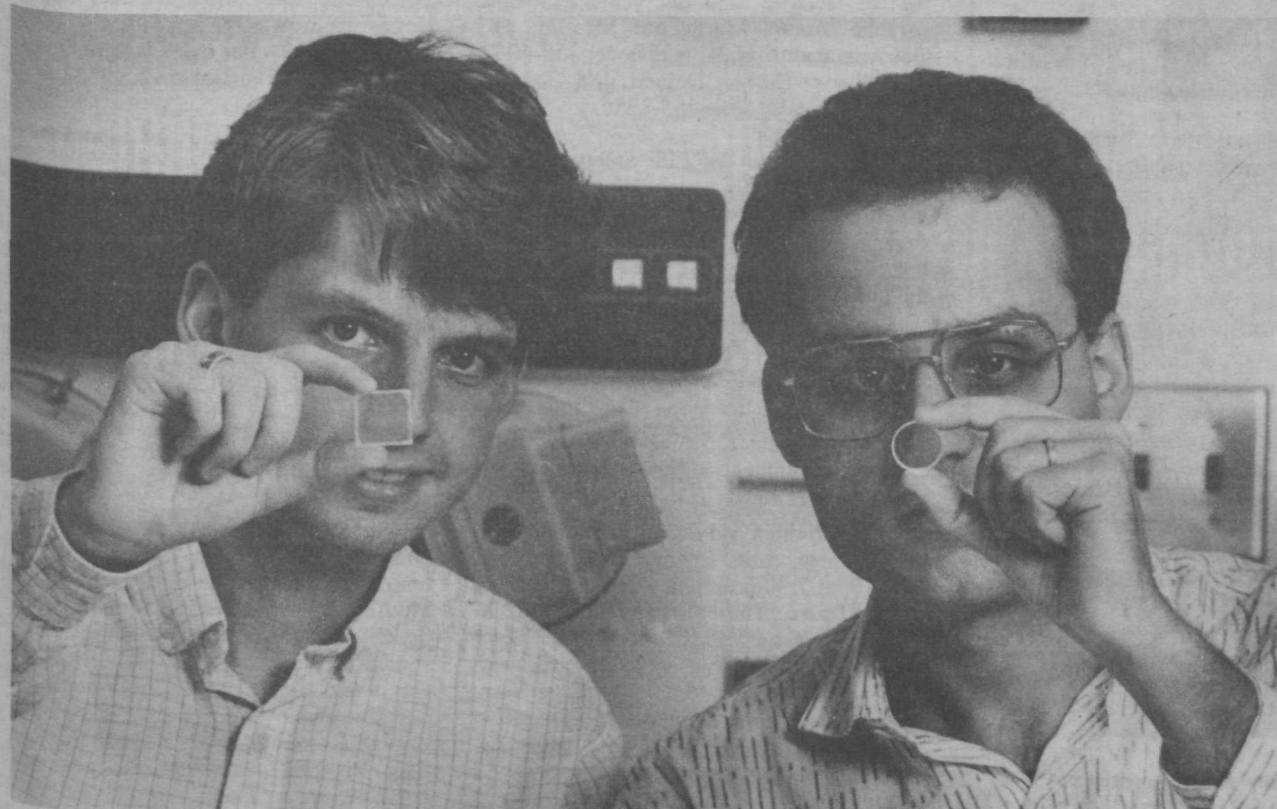
Kennedy-Roberts Hall
dedication

Horsing around

3

3

6-7



Tim Moersh

Graduate student Joseph Keddie (left) and Emmanuel Giannelis, assistant professor of materials science and engineering, look over optical filters used for improving the contrast and brightness of cathode-ray tubes.

New technique yields better displays

For users of cathode-ray-tube displays — from flight controllers peering at radar screens to computer operators staring at their terminals — a crisp visual display is more than just a convenience. Eliminating the unwanted “halo” of scattered light from the glowing phosphors means significantly better performance and less fatigue.

A cheaper and simpler way to make sophisticated ceramic coatings that reduce the unwanted halo effect of CRT

displays is one aim of research by Cornell’s Emmanuel Giannelis, an assistant professor of materials science and engineering, and graduate student Joseph Keddie.

As reported in the latest issue of *Ceramic Bulletin*, they are exploring cheaper ways to create multilayered, super-thin sandwiches of titanium dioxide and silicon dioxide that could be deposited on the surfaces of CRT tubes. Silicon

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ILR institute to help develop labor policies

A new research institute in the School of Industrial and Labor Relations will study America’s rapidly changing labor market and work with government and private organizations to develop labor-market and educational policies into the next century.

“Policy-makers at home and abroad must confront a number of critical issues affecting the way labor markets will work in the next decade and beyond,” said Ronald G. Ehrenberg, the Irving M. Ives Professor of Industrial and Labor Relations and Economics and director of the new Institute for Labor-Market Policies.

The institute is one of several operated by Cornell’s ILR School, founded in 1944 as the first undergraduate school of industrial and labor relations in a U.S. university.

“Our faculty represents the nation’s largest group of labor-market scholars,” Ehrenberg said. “They have the knowledge, analytic skills and experience required to study all aspects of labor and education markets and employer-employee relationships from a multidisciplinary perspective.”

Ehrenberg said that labor-market policy issues facing the nation include:

- “The expanding role of government in regulating employment and work-place conditions.”
- “The employment effects of new production and information-processing technologies.”
- “Potentially serious imbalances between workers’ competencies and the education and skill requirements of jobs.”

To confront these issues, the institute will conduct research into labor-market and education policies; will disseminate research findings through conferences, professional publications, working papers and special reports; and will hold briefings for legislators, government officials, cor-

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‘Edison of poultry industry’ knows the value of a name

Sloppy Jonah. Bird Dogs. Chicken Delight. If Robert C. Baker learned anything in 30 years of inventing convenience-food products from underutilized fish and poultry, it is the importance of a name.

Baker is known as the “Edison of the Poultry Industry” and the brain behind Cornell Chicken Barbecue Sauce, the recipe that has become a standard at firemen’s barbecues throughout the Northeast.

The Cornell professor emeritus of poultry and avian sciences who taught here for four decades will be honored at a symposium to be held from Sunday, Oct. 7, through Tuesday, Oct. 9, for his pioneering work in poultry-product development.

Baker is scheduled to talk at 11:15 a.m. Tuesday, Oct. 9, in Kennedy Hall’s Alumni Auditorium on “Perspectives on Forty Years of Product Development.” Already, there’s a problem with the name.

“My product-development work at Cornell only covered 30 years,” Baker said in his award-lined Rice Hall office as he launched into a saga that has its beginning in 1946 at Pennsylvania State University.

Baker was a newly appointed Penn State assistant professor of poultry science with responsibility for Cooperative Extension in 23 counties; he was told to barbe-

cue some chicken for a visit by the state governor. “‘You’re a young professor,’ they told me, ‘You need to make a name for yourself.’” Baker dug a pit in the same way that beef was traditionally barbecued, and his sauce — with egg, oil, vinegar, salt and pepper, and poultry seasoning — was an immediate success. But the sauce languished in Pennsylvania until Baker came to Cornell in 1949 and later published the recipe as Cornell Chicken Barbecue Sauce.

“In 1960, Dean Palm [Charles E. Palm, dean of the College of Agriculture and Life Sciences from 1959 to 1972] asked me to consider developing new poultry products,” Baker recounted. “The poultry industry was in bad shape. They had lost eggs as a breakfast food when the U.S. followed Europe to ‘continental breakfasts’ of coffee, juice and toast, and broilers were selling for 25 cents a pound, less than the cost of production.”

Working with Lawrence B. Darrah, now a professor emeritus of agricultural economics, Baker determined that “what the industry needed was what the consumer needed — more than raw chicken and eggs in the shell.” What the consumer needed, they decided, was what have since become

Continued on page 8



Tim Moersh

Professor Robert C. Baker with some of his food items, including chicken pizza and Tren, an apple-juice-and-egg mixture.

Crunch time



Tim Moersh

Cornell's Christine Hand (right) and Lafayette's Stacy Shelly battle for the ball during a field-hockey game Oct. 1. Cornell lost, 4-0.

GRADUATE BULLETIN

Travel: Conference travel grant applications are due at the Graduate Fellowship and Financial Aid Office, Sage Graduate Center, by Nov. 1 for December conferences. Application forms are available at graduate field offices.

Research travel: Limited funds are available for spring 1991 for transportation expenses related to dissertation research. Applications are available in field offices or the Graduate Fellowship Office. Completed applications are due Nov. 1.

Course changes: The deadline for changing grade options, credit hours and dropping courses is Oct. 26. A \$10 late fee is charged for any change after this date.

NSF fellowships: National Science Foundation Graduate Fellowships and NSF Minority Graduate Fellowships applications are available in the Graduate Fellowship

Office. Applicants for these three-year awards must be U.S. citizens and incoming students in the biological, physical or social sciences. There is an annual stipend of \$12,900 and a tuition payment of \$6,000; Cornell provides the remainder of tuition. Deadline is Nov. 9.

Hertz fellowships: Hertz Graduate Fellowships are available to U.S. citizens (or those applying for citizenship) in the applied physical sciences. The award is \$15,000 stipend plus \$8,000 tuition; Cornell provides the remainder of tuition. Applications are available in the Graduate Fellowship Office, and the deadline is Nov. 1.

Student assembly: The Graduate Finance Commission is in need of new members. For information contact the graduate student representative at 524 Willard Straight Hall.

BRIEFS

■ **West Germany:** Five Cornell graduates are studying and pursuing research in West Germany during 1990-91 under exchange fellowships. The recipients of German Academic Exchange Fellowships are Peter Caldwell and Peter Kirchgraber of the History Department and Richard Will of the Music Department. Deborah Friedman of Modern Languages and Linguistics has a Cornell-Goettingen Exchange Fellowship and John Christopher Kern of the Government Department won a Cornell-Heidelberg Exchange Fellowship.

■ **Fellowships to Germany:** Friday, Nov. 9, is the deadline for members of all academic units at Cornell to submit applications for various graduate fellowships available for study and research in Germany during the 1991-92 academic year. For more details, contact Marguerite Mizelle, 183 Goldwin Smith Hall, telephone 255-4047, or Professor Herbert Deinert, 188 Goldwin Smith Hall, telephone 255-8356.

■ **Bikes as hazards:** Life Safety Services will impound all bicycles stored or placed in any means of egress — stairs, corridors, fire escapes, etc. — or placed in danger to the public. Locks and chains will be cut at the owner's expense.

■ **Bloodmobile:** The Red Cross Bloodmobile will be at Robert Purcell Union Oct. 13 from 10 a.m. to 4 p.m. For appointments, call 273-1900; walk-ins are welcome.

■ **Cornell on TV:** The television program "Community Report," which features people, activities and events at Cornell, will be shown on cable Channel 7 Wednesday, Oct. 10, at 7:30 p.m. and Tuesday, Oct. 16, at 10:30 p.m. The half-hour show will include interviews with graduate-student Derrick Harmon, a former running back with the San Francisco 49ers who was an Academic All-American football player as an undergraduate at Cornell, and James Af-folter, the director of Cornell Plantations.

■ **Community Report:** A 16-page publication from Cornell is being mailed this week

to residents of Tompkins County. The publication includes a schedule of university cultural, educational and athletic events open to the public, and it reports on activities of students, faculty and staff in a wide array of community activities. Community Report also includes information about Cornell's 125th anniversary celebration and two special sections — one discusses town-and-gown transportation issues and the other is about program activities of Cornell Cooperative Extension in Tompkins County.

■ **Basketball tickets:** Cornell basketball general-admission season tickets and all individual-game tickets, including the Nov. 26 game against Pittsburgh and the Jan. 2 game against North Carolina, are on sale at the athletic ticket office in Alberding Field House from 9 a.m. to 5 p.m., Monday through Friday. For more information call the athletic ticket office at 255-7333 or 255-9836.

■ **Re-elected:** Albert E. Kaff, business and international editor of the Cornell News Service, has been elected to a fourth two-year term as a director of the Overseas Press Club of America. He also served two terms as vice president of the club, which is headquartered in New York City. Kaff came to Cornell in 1986 after retiring from United Press International, where he worked for 33 years. Kaff was a UPI foreign correspondent in Asia for 29 years, including six years as vice president and general manager of the wire service's Asia-Pacific Division.

■ **Resourceful aging:** Two associate professors in the College of Human Ecology, Phyllis Moen and Jeanne Hogarth, will be panelists in a national conference on "Resourceful Aging: Today and Tomorrow," Oct. 9 and 10 in Crystal City, Va., under the co-sponsorship of the American Association of Retired Persons (AARP) and Cornell. Professor Emeritus Philip Taietz and Nina Glasgow, a senior research associate in the Department of Rural Sociology, are co-chairmen of the event.

CU prohibits fraternities, sororities from purchasing alcoholic beverages

Fraternities and sororities may no longer use their funds to purchase alcoholic beverages, according to new university rules affecting a wide range of social conduct. The new standards are effective immediately and were announced Oct. 1 by Larry I. Palmer, vice president for academic affairs.

The new rules "should be a clear message that, while Cornell is committed to the greek system, the university will not tolerate irresponsible conduct aimed at circumventing the purposes of the greek organizations," said Palmer. "We value the role that fraternities play in campus life and are concerned that alcohol has distracted fraternities and sororities from realizing their true mission within the educational mission of Cornell."

The prohibition is contained in three

newly established standards of conduct that Cornell will apply to the 68 fraternities and sororities on campus.

The new standards are:

- Chapter funds may not be used to purchase alcohol, and no member may undertake or coordinate the purchase of alcohol in the name of or on behalf of his or her chapter.

- Possession, use and consumption of alcoholic beverages on chapter premises shall comply with all applicable state and local laws.

- Each chapter must sponsor two educational programs, addressing topics such as alcohol consumption and abuse, acquaintance rape and legal liability each semester. Programs must be approved in advance by the assistant dean of students.

Better displays *continued from page 1*

dioxide is the substance that makes up common beach sand.

The clear ceramic "interference films" made from the two oxides allow light from the CRT's phosphors emitted directly at the screen to be transmitted to the viewer; however, the films reflect light that arrives at an angle. Thus, the viewer sees an image that appears crisper, with no unwanted halo.

Giannelis and Keddie are developing a technique of making a film by depositing a solution of an inorganic polymer, called a "sol," onto a spinning surface and then heating it to drive off the liquid and form a dense, uniform ceramic layer. By depositing and heating different sols in successive steps, they can create precise multiple layers of different ceramics, with specially tailored optical properties.

According to Giannelis, the spin-on technique is simpler and less expensive than other coating methods that involve using expensive equipment to deposit chemical vapors or to "sputter" hot evaporated

material onto a surface. The result of the spin-on technique could be interference films that cost significantly less than the approximately \$1,000 cost of current coatings, he said.

"Now that we understand much of the chemistry and physics of the technique, our next goal is to explore how to use these films in electronic packaging and as optical waveguides," said Giannelis. "Electronic packages" are the ceramic and other structures that support and electrically interconnect microchips in electronics. Such packages also remove chip-killing heat and must withstand the strain of thousands of cycles of thermal expansion and contraction. Optical waveguides are materials that carry light used in optical communications.

The scientists' work was supported by Corning Inc. and International Business Machines Corp. through the Cornell Ceramic Program and by Imaging and Sensing Technology Corp.

—Dennis Meredith

CORNELL CHRONICLE

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Published 40 times a year, Cornell Chronicle is distributed free of charge to Cornell University faculty, students and staff by the University News Service. Mail subscriptions, \$20 for six months; \$38 per year. Make checks payable to Cornell Chronicle and send to Village Green, 840 Hanshaw Road, Ithaca, N.Y. 14850. Telephone (607) 255-4206. Second-Class Postage Rates paid at Ithaca, N.Y.

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

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

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

'Giants' Kennedy, Roberts honored

'What really excites me . . . is the widespread involvement of Cornell students in volunteer community service. It is this spirit of giving to others that puts all else into proper perspective.'

— W. Keith Kennedy, Cornell Chronicle, March 29, 1990

'One cannot long observe Nature's modes of action — which are God's — before discovering that dissimilarity is the supreme rule and that homogeneity is the exception. . . . We are happily becoming free — Truth is making us so — and no longer must diverse races and beliefs be coerced into narrow traditional grooves.'

— Isaac Phillips Roberts, 'Autobiography of a Farm Boy' (1915)

Kennedy and Roberts halls on the Agriculture Quadrangle were dedicated Sept. 26 in honor of two men whose careers epitomized Cornell's tradition of pragmatic idealism — Isaac P. Roberts, who became the first dean of agriculture at Cornell in 1873, and W. Keith Kennedy, who became dean of agriculture a century later.

Roberts' granddaughter, Nancy Roberts Collins, who traveled here from Menlo Park, Calif., said: "My grandfather was a builder, a carpenter, a farmer and above all an idealist. He would be so proud of what Cornell has become today."

A plaque bearing her grandfather's name also bears the words written nearly 80 years ago by another Cornell legend and Roberts' successor as dean, Liberty Hyde Bailey. Bailey wrote that Roberts' early years at the college "began in doubt and with small things, but they were large with faith. He developed one of the best institutions of its kind."

President Frank H.T. Rhodes described Roberts and Kennedy as "giants," taking the term from a letter written in 1945 by Jared Van Wagenen Jr., Class of 1891, whom the president quoted in part:

"As compared to the present, the College of Agriculture as we knew it seems pitifully small and primitive, but you

and I can always boast of one thing that the present generation will never understand. We had Roberts for a teacher."

Roberts taught all phases of agriculture from animals to plants to soils to accounting and marketing, and "although they were not listed on the official register, personal philosophy and instruction in good citizenship were given students in hefty doses," Rhodes said.

Roberts moved to California after he retired in 1903 and built a cabin where he wrote "Autobiography of a Farm Boy" and lived until his death in 1928. The cabin still stands behind the home of his granddaughter, where it has served as a retreat for his grandchildren, great-grandchildren and great-great-grandchildren.

The president said that Kennedy's "singular contribution to the college and to Cornell goes beyond the buildings built and the administrative problems solved, beyond the research papers published and the credit hours taught."

He cited Kennedy's "unfailing respect and deep concern" for students and colleagues and described him as a person who is a "careful listener, but willing to speak strongly about his beliefs," as "a man of integrity, energy and commitment, who made Cornell the focus of his efforts and of his love for so many years."

Kennedy came to Cornell as a graduate student in 1940 in the midst of a blizzard and before he could get a train back to his home state of Washington, "fell in love with Cornell," he said during the dedication. He received a master's degree in 1941 and, after military service, a Ph.D. in 1947 from Cornell. He was appointed professor of agronomy in 1949, director of research in 1959, associate dean of agriculture in 1965, vice provost in 1967, dean of agriculture in 1972 and provost in 1978. He retired in 1984 but has continued to serve the university in special assignments, as well as work with a philanthropic organization.

David L. Call, the college's current Dean, opened the ceremony saying: "This college was built on people."

— Martin B. Stiles

All tied up



Tim Moersch

First Lt. Cadet Steve Stiefbold teaches a Reserve Officers' Training Corps class in knot-tying.

Youth-at-risk, aging and relationships are topics of Human Ecology conference

Leading researchers at the College of Human Ecology will examine issues ranging from youth-at-risk to the process of aging, from managing two-career households to maintaining relationships in the 1990s, at a conference marking the school's 65th anniversary Saturday, Oct. 6, in Martha Van Rensselaer Hall.

"We'll be focusing on real-world problems that are so complex, they can't be approached from one discipline. They require a multidisciplinary — or human ecological — approach," said Charles McClintock, associate dean of the College of Human Ecology.

"Over the last 30 years, we have seen government officials become more sober about how difficult it is to solve a wide range of social problems, like poverty and a lack of adequate education and health care," said McClintock. The college has honed a multidisciplinary approach to solving such problems, he said, adding that the conference is one means of presenting these ideas to others.

Among the speakers will be: Joan Jacobs Brumberg, an associate professor of human development and family studies and expert on anorexia nervosa; Stephen Hamilton, an associate professor of human development and family studies and researcher of issues of adolescence; and Andrea

Parrot, an assistant professor of human service studies and expert on date rape.

In addition to the relationship between nutrition and disease, the uses of high-technology fibers, the changing pattern of women's dress and a rethinking of the history of women in home economics (the forerunner to human ecology), conference topics will include the following:

- Work and Family — Managing the demands of a two-career household, parental-leave policies, the relationship between mental and physical stress and work outside the home, and household economic decisions.
- Relationships in the 1990s — Interpersonal attraction, intimacy and commitment, marriage, divorce and parent-child relationships within the social stresses and experiences of today's world.
- Efficiency to Effectiveness: Humanizing the Work Place — Factors that influence productivity and work-place designs that reflect human needs and managerial approaches.

The conference will conclude with a five-member forum entitled "A Human Ecological Approach to the Challenges of the Next Decade."

— Lisa Bennett

CORNELL Life

The Cornell complex

I was in the Rongovian Embassy, the bar in Trumansburg where farmers and scholars meet, when a farmer asked me, a person who fits neither category, what I did for a living.

"I write for Cornell," I said.

"I'm sorry," he said, eying me from over the rim of his beer glass.

That was the first reaction to "Cornell" I'd heard from someone outside the university since I moved here a year ago. It seemed he thought I was sentenced to hard labor at a place with a mission that was an anathema to me.

"What do you mean, 'I'm sorry?'" I asked. "I think it's a good job at a great place."

"Cornell is too big," he said definitively. Just too big and, therefore, all wrong, as if I were 6'2" and he 5'4" and, therefore, we could never, ever dance.

"Sure, it's big, but it's dedicated to some of the best goals in the world: education and research," I said. "I could be working for some corporation selling another useless product. I think I'm lucky to be here," I added.

"Maybe," he said. "But education and research are not the only important things. There are plenty of needy people who could make better use of the money — for a home, for instance."

A month later, I was downtown shopping for a sweatshirt when the salesman asked me if I wanted one with "Cornell" on it.

"No, I don't want a logo," I said.

"Hah-hah," he laughed. "I don't blame you."

He seemed to misunderstand, so I explained I didn't want to wear the name because I was not a student. "I work for Cornell, though," I added.

"Oh," he said. Not quite a step up from, "I'm sorry."

Then last month, I met an old friend from a nearby town who, after we exchanged summaries of our new lives, asked, "How are they to work for?" with a suspicious stress on "are they," which meant: "I understand they're not good."

I'd had time by now to reflect on this question — how is life at Cornell? — and more experience on which to base an answer. I also felt rising impatience with people who acted as if the mission of

Such reactions were an intuitive defense against bigness — the sense that Cornell must be taken down to size.

Cornell was to produce bombs to sell to Saddam Hussein. Not that cynicism was the most common reaction to Cornell from people outside the university. But it was more often than I could understand.

"No institution is perfect," I answered. "But Cornell is an exciting place to work, the people are terrific and I enjoy my work."

I was sure I didn't convince her. I was not sure I'd even try next time. In fact, I'd just about resolved not to care enough to defend Cornell to every cynical person I met when last week I realized the criticisms are broader than I thought.

I heard a number of people from Cornell, Harvard, The American Association of Universities and The New York Times discuss what has come to be known as "the university under attack." "The university," not just Cornell University.

There is a sense, these observers said, that as universities deal with growing problems, from financial to multicultural, people outside the university are increasingly frustrated by the lack of easy answers to difficult social problems; frightened that rising tuitions threaten equal access to education; and fed up with the arrogance of university-types who act as if they know better than other people. If you know better, they seem to be saying, do better for this country.

I'm not sure the farmer, salesman or my old friend were thinking about those issues. I suspect such local reactions were more of an intuitive defense against bigness — the sense that Cornell must be taken down to size, verbally, at least.

But if people in this community care about feeling small in comparison to Cornell, and if people-at-large care more now about universities' arrogance, rising tuitions and lack of easy answers to problems, I have reason to care more now, too. To care to listen to and understand their concerns. And to continue to explain why I believe Cornell is a good place with good people devoted to good goals.

Big or small, after all, everybody's got to dance.

— Lisa Bennett

CALENDAR

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

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

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

DANCE

Cornell International Folkdancers

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

Review of all dances taught in September and requests, Oct. 7, 7:30 to 10:30 p.m., Senior Citizen Center, 213 Geneva St.

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.



Emil Ghinger

"Thomas," by Robert Mapplethorpe, is on view through Nov. 4 in the Johnson Museum as part of "A Celebration of American Art from the Collections of Cornell Alumni and Friends." The print is from the collection of Alan M. Siegel.

"A Celebration of American Art from the Collections of Cornell Alumni and Friends," through Nov. 4.

"Arthur Wesley Dow and His Influence," featuring woodcuts and photographs by Dow, his students and colleagues, through Oct. 14.

History of Science Collection

"Will That Building Stay Up? Selected Responses, from Galileo to Thurston," an exhibition in honor of the construction of the new library building on the Arts Quadrangle, through November, Monday through Friday from 9:30 a.m. to 4:30 p.m. in the History of Science reading room, 215 Olin Library.

Olin Library

"Wood Engraving," an exhibition of woodcuts and engravings from the 15th through 20th centuries, will continue through Oct. 5, 8 a.m. to 5 p.m., Olin Library.

Tjaden Gallery

Senior Show: Work by Jeff Marshall, through Oct. 6. 1989 CCPA Grant: Paintings by Karen Godfried, Oct. 7 through 13.

Uris Library

"The Arab World in Fact and Fiction," a display in the library's nine display cases in Uris through December.

Willard Straight Hall Art Gallery

"Contrast and Conflicts," contemporary photographs of Asian Pacific Americans by Corky Lee, sponsored by the Asian American Coalition, will be on exhibit in Willard Straight Art Gallery through Oct. 12, 9 a.m. to 10 p.m.

FILMS

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

Cornell Cinema is accepting applications for spring 1991 co-sponsorship proposals for films and series. The deadline is Oct. 15. Call 255-3522 or stop by 104 Willard Straight Hall for information and an application.

Thursday, 10/4

"Mo' Better Blues" (1990), directed by Spike Lee, with Denzel Washington, Joie Lee and Cynda Williams, 7 p.m.

"The Dutch Documentary Tradition" (1929-1963), directed by Joris Ivens, Mannus Franken and Henk Alsem, free, 7:30 p.m., Uris.

"Amadeus" (1983), directed by Milos Forman, with Tom Hulce and F. Murray Abraham, 9:50 p.m.

Friday, 10/5

"Amadeus," 7 p.m.

"Mo' Better Blues," 10:20 p.m.

Saturday, 10/6

"Saagar," with Rishi Kapoor, Dimple Kapadia and Kamalahasan, sponsored by the South Asia Film Series, 1:30 p.m., 310 Uris Library.

"Tales From the Winnipeg Film Group" (1990), with guest film-maker Greg Klymkiw, co-sponsored by Film/Video Arts, 7:15 p.m.

"Das Boot" (1981), directed by Wolfgang Petersen, with Juergen Prochnow, Arthur Gruenemeier and Martin May, 10:15 p.m.

Sunday, 10/7

"Amadeus," 7:30 p.m.

Monday, 10/8

"Das Boot," 6:30 p.m.

"The Lady Vanishes" (1938), directed by Alfred Hitchcock, with Margaret Lockwood and Michael Redgrave, 9:30 p.m.

Tuesday, 10/9

"The Spitting Image" (1963), directed by Fons Rademakers, 7 p.m.

"Another 48 Hours" (1990), directed by Walter Hill, with Eddie Murphy and Nick Nolte, 9:45 p.m.

Wednesday, 10/10

"Hollywood Boulevard" (1976), directed by Joe Dante, with Candice Rialson, Mary Woronov and Rita George, 7:30 p.m.

"Robocop II" (1990), directed by Irvin Kershner, with Peter Weller and Nancy Allen, 9:35 p.m.

Thursday, 10/11

"Cinema Unraveled" (1976), directed by Frans Zwartjes, with Willeke van Ammelroy, free, 4:30 p.m.

"Another 48 Hours," 7:30 p.m.

"Experimental Films by Women," directed by Maya Deren, Gunvar Nelson and Susan Pitt, free, 7:30 p.m., Uris.

"Mapantsula," part of the feature film series on "Africa in a Time of Change," sponsored by Institute for African Development, Africana Studies and Research Center and Cornell African Students Association, 7:30 p.m., Tjaden Hall.

"Robocop II," 9:50 p.m.

"22nd International Tournee of Animation" (1990), 9:30 p.m.

LECTURES

Baker Lectures

"High-Performance Organometallic Reagents," Ryoji Noyori, Nagoya University, 11:15 a.m., 119 Baker Lab. "Asymmetric Catalysis via Chiral Metal Complexes: Selected Examples A," Oct. 4; "Asymmetric Catalysis via Chiral Metal

Complexes: Selected Examples B," Oct. 9; "Iron Carbonyl Promoted Carbocycle Synthesis," Oct. 11. Noyori's research interests have focused on the exploitation of new synthetic methodologies, particularly on the basis of metallo-organic chemistry and their application. Nineteen Nobel Prizes have been awarded to Baker Lecturers, most of them subsequent to their lectures at Cornell.

Becker Lectures

"What is a Free Market?: The Asian Experience," Alice H. Amsden, Massachusetts Institute of Technology and The New School for Social Research, Oct. 11, 4:30 p.m., 230 Rockefeller Hall. Sponsored by the East Asia Program, the Department of Government and the College of Arts and Sciences.

Biotechnology Program

"U.S. Army Research Program in Bioengineering Materials," David Kaplan, U.S. Army Natick RD&E Center, Oct. 8, 3 p.m., Seminar Room (G-01) Biotechnology Building.

Center for Environmental Research

"Reducing Environmental Risk: Setting Priorities and Strategies," Raymond Loehr, University of Texas, Austin, Distinguished Lecturer Series on Emerging Environmental Issues, Oct. 4, 4 p.m., 135 Emerson Hall.

Cornell Plantations

"Use of Native Plants in European Park Design," Rick Manning, Trowbridge Associates, Oct. 4, 7:30 p.m., Lewis Headquarters Building, Cornell Plantations.

"All That Glisters is Not Gold — The Creative Potential of Shade Gardening," Allen Paterson, Royal Botanic Garden, Ontario, Canada, Oct. 11, 7:30 p.m., 101 Bradfield Hall.

Mathematical Sciences Institute

"Exponential Attractors for the Navier-Stokes Equations," Alp Eden, Arizona State University, the last in a series of three lectures, Oct. 4, 3:30 p.m., 312 Student Agencies Building.

Proud Lecture

"Interrelationships of Nutrition and Aging," Ronni Chernoff, University of Arkansas, Oct. 10, 4:30 p.m., 100 Savage Hall.

Rural Development Committee Program

"Rethinking Programs to Service the Rural Poor," M.S. Swaminathan, A.D. White Professor-at Large, Oct. 8, 12:15 p.m., 153 Uris Hall.

South Asia Program

"The Political Crisis in Pakistan," K.B. Sayeed, Queens University, Canada, Oct. 5, 12:15 p.m., G-08 Uris Hall.

Southeast Asia Program

Topic to be announced, Harold Conklin, Yale University, Oct. 4, 12:20 p.m., 102 West Ave. Ext.

"Current Politics in Burma," Thant Myint U, Washington-based Burma specialist, Oct. 11, 12:20 p.m., 102 West Ave. Ext.

Theory Center

"Politics of Computing Research," Frederick Weingarten, Computer Research Association, Oct. 8, 1:30 p.m., Morison Room, Corson/Mudd Hall.

University Lecture

"Athens in the Hellenistic Period 323-30 B.C.," Christian H. Habicht, The Institute for Advanced Study, Oct. 11, 4:30 p.m., 156 Goldwin Smith Hall.

"Population and the Development Analogy: An Ecological Perspective," Amos H. Hawley, Kenan Professor Emeritus of Sociology, University of North Carolina, Oct. 12, 3 p.m., Hollis E. Cornell Auditorium, Goldwin Smith Hall.

MUSIC

Department of Music

"Music for Two Baroque Flutes," will be performed on Oct. 11 at 8:15 p.m. in Barnes Hall. Rebecca Harris-Warrick and Steven Zohn play with copies of historic instruments appropriate to the music being performed. As musical styles changed, so did the instrumental technology. The program includes pieces and instruments from turn-of-the-17th century France, mid- and late-18th-century Germany (de la Barre, J.S. Bach, Telemann, Haydn, Muller, Laderman). Cellist Laura Kramer will join the duo for Haydn's "Trio in G Major." Harris-Warrick, music history, has performed on both the West and East coasts, studied baroque performance practice and has written a method book for the one-keyed flute. Zohn, a doctoral candidate in musicology, is the winner of the 1990 National Flute Association's Baroque Flute Masterclass.

Kramer is in the DMA program and is studying violoncello with John Hsu.

Bound for Glory

Bound for Glory can be heard Sundays from 8 to 11 p.m. on WVBR-FM, 93.5.

RELIGION

Sage Chapel

There will be no Sage Chapel Service Oct. 7 because of the fall recess.

Baha'i

Weekly meetings on campus. Call 255-7971 for information.

Catholic

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

Christian Science

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

Episcopal (Anglican)

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

Jewish

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

Shabbat Services: Friday: Conservative/Reform, 6 p.m., Founders Room, Anabel Taylor Chapel; Reform, 6 p.m., Anabel Taylor Chapel; Orthodox, Young Israel (call 272-5810 for time). Saturday: Orthodox, 9:15 p.m., Founders Room; Conservative/Egalitarian, 9 p.m., Founders Room. Shemini Atzeret: Services, Wednesday, 6 p.m., Founders Room; Torah and Content, Wednesday, 4 p.m., Edwards Room, Anabel Taylor Hall.

Korean Church

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

Muslim

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

Protestant Cooperative Ministry

Sunday worship, 11 a.m., Anabel Taylor Chapel; Taize Prayer, Tuesdays, 5:30 p.m., Anabel Taylor Chapel; Bible study, Thursdays, noon, G-7 Anabel Taylor; Celebration, Friday, 5-8 p.m., 401 Thurston Ave. Call Rev. Barbara Heck, chaplain, 255-4224, for information.

Seventh-Day Adventist

Student Association, Fridays, 7:15 p.m., 314 Anabel Taylor Hall.

Zen Buddhism

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

SEMINARS

Archaeology

"Reports from the Field," Hirsch Trust Award Recipients, Intercollege Program in Archaeology, Oct. 4, 4:40 p.m. 303 McGraw Hall.

Astronomy & Space Sciences

"Photochemical Formation of HCN on Jupiter," James Ferris, Rensselaer Polytechnic Institute, Oct. 4, 4:30 p.m., 105 Space Sciences Building.

Biochemistry

"DNA Looping," Robert Schleif, The Johns Hopkins University, John Lis, biochemistry, Oct. 5, 4 p.m., Large Conference Room, Biotechnology Building.

Ceramics Program

"Ceramics Afternoon," a seminar co-sponsored by the Department of Materials Science and Engineering and the Materials Science Center, will be held Oct. 5, in B-11 Kimball Hall. "Processing and Properties of Multilayered Ceramics and Composites," E.P. Giannelis, materials science and engineering, 2 p.m.; "Ionic Transport in Layered Materials," M.S. Whittingham, SUNY Binghamton, 3 p.m.; "Fluorohectorite Glass-Ceramics," S. Hoda, Coming Inc., 4:15 p.m.; "Two-Dimensional Molecular Assemblies of Electroactive

Pianist Murray Perahia will perform Oct. 18

The second concert of the 1990-91 season's "Great Soloist and Orchestra Series" in Bailey Hall will feature pianist Murray Perahia on Thursday, Oct. 18, at 8:15 p.m. The first half of the program will include sonatas by Haydn and Brahms and a group of works by Chopin and Liszt. The recital concludes with the "Mephisto Waltz" by Franz Liszt.

In 1972 Perahia was the first American ever to win the prestigious Leeds competition, a victory that led to more than 50 European engagements, including a widely acclaimed London debut. Since then, the artist has risen to international prominence as a recitalist, orchestra soloist and chamber-music performer.

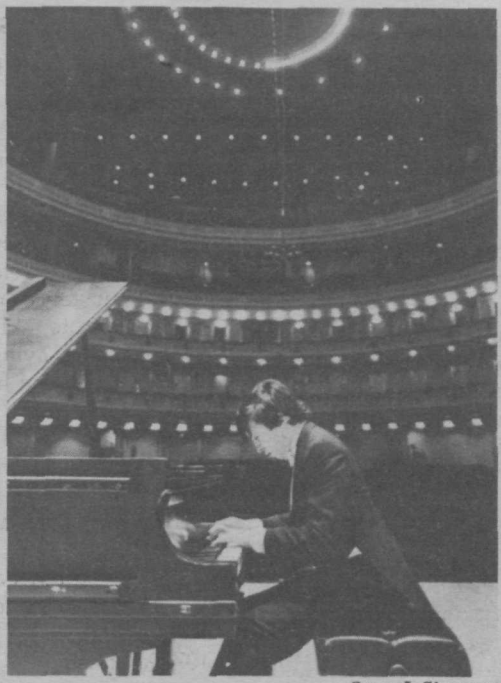
Murray Perahia signed an exclusive recording contract with CBS Masterworks, now Sony Classical, in 1972. His 13-disk set of the complete Mozart piano concertos with the English Chamber Orchestra won more than 10 major recording awards, including the Grand Prix du Disque, three Edison Prizes and the International Record Critics award.

In addition to works by Mozart, Perahia has recorded the two Mendelssohn concertos with Sir Neville Meriner, the Schumann and Grieg concertos with Sir Colin Davis and the Chopin piano concertos under the baton of Zubin Mehta.

The recording of the Bartok Sonata for Two Pianos and Percussion, with Sir George Solti as his fellow pianist, received a Grammy Award for the Best Chamber Music Performance of 1988. He also participated in the 70th birthday celebration of Sir George on national television performing the Mozart Concerto for Two Pianos, again with the maestro as his partner.

That same year Perahia opened the New York Philharmonic's season with a gala concert that was telecast "Live from Lincoln Center" on Public Broadcasting Service. He was also seen in a recent PBS special entitled "Mozart in Salzburg."

Tickets for the concert are \$12.50 to \$20 for the general public and \$9 to \$15 for students. Tickets are on sale at the Lincoln Hall Ticket Office, Monday through Friday from 9 a.m. to 1 p.m., telephone 255-5144, and at the DeWitt Mall Ticket Center, Tuesday through Saturday from 11:45 a.m. to 4:30 p.m., telephone 273-4497.



Steve J. Sherman
Murray Perahia at Carnegie Hall

Cinema presents 'Tales from the Winnipeg Film Group'

Cornell Cinema presents "Tales from the Winnipeg Film Group" Saturday, Oct. 6, at 7:15 p.m. in Willard Straight Theatre. Guest film-maker and producer Greg Klymkiw will be present to discuss the group's quirky creations. Tickets are \$4.50 (students \$4).

The Winnipeg Film Group is a coalition of film-makers who have recently garnered attention for a string of offbeat movies unlike anything else on the vital Canadian film scene. Their films are surrealistic, hilarious, difficult-to-categorize work has been compared to that of Jean-Luc Godard, Woody Allen, Martin Scorsese, John Waters and David Lynch.

This touring program comprises a series of short works by the group. Highlights include the group's "Rabbit Pie," in which a poet composes an ode to woodland creatures in a quiet corner of a restaurant, while, at a neighboring table, a couple's order of rabbit pie takes on a life of its own. In "Springtime in Greenland," film-maker John Paizs examines the dark underside of suburbia in the style of "Mutual of Omaha's Wild Kingdom." "We're Talking Vulva," produced and directed by Tracy Traeger and lesbian-feminist performance artist Shawna Dempsey, is a five-minute rock video on the care of the female genitals. The rapping, prancing star, costumed in an enormous rubber vulva outfit, covers all the bases: hygiene, grooming and sexual pleasure. Lorne Bailey's "The Milkman Cometh," a businessman falls hopelessly in love with the pastoral scene depicted on the label of an evaporated milk can.

Producer Klymkiw is a 30-year-old native of Winnipeg who writes about avant-garde film, has directed several films and produced this program's "Springtime in Greenland."

polymers," V. Mehrotra, materials science and engineering, 5:05 p.m.

Chemical Engineering

"Robust Control of Constrained Systems," Manfred Morari, California Institute of Technology, Oct. 11, 4:15 p.m., 255 Olin Hall.

Chemistry

Title to be announced, Elliot Elson, Washington University at St. Louis, Oct. 4, 4:40 p.m., 119 Baker Lab.

"Organometallic Chemistry Supported by Oxidative Ligation: From New Metallacycles to Catalytic Arene Hydrogenation," Ian Rothwell, Purdue University, Oct. 11, 4:40 p.m., 119 Baker Lab.

Biology & Systematics

"Prospects and Pitfalls in Phylogeny Reconstruction, with Examples from Plants," Michael Donoghue, University of Arizona, Tucson, sponsored by the Committee on Evolutionary Biology, Oct. 10, 4:30 p.m., Morison Seminar Room, Corson/Mudd Hall.

Environmental Communication

"Communication Issues in Solid Waste Management," Ken Cobb, Waste Management Institute, Oct. 4, 12:20 p.m., 105 Bradford Hall.

Environmental Toxicology

Title to be announced, Daphne Roe, nutritional sciences, Oct. 5, 12:20 p.m., 14 Fernow Hall.

Arbiculture & Ornamental Horticulture

"Staten Island Botanical Garden: New Gardens Grow on an Historic Site," Richard Iversen, Staten Island Botanical Garden, Oct. 4, 12:15 p.m., 404 Plant Science Building.

"Management Issues at the Royal Botanic Garden," Allen Patterson, Royal Botanic Garden, Hamilton, Ontario, Oct. 11, 12:15 p.m., 404 Plant Science Building.

Fruit & Vegetable Science

"Chilling Injury in Tomato Fruit: Topology, Color Changes and Some Biochemical Effects," George Dodds, fruit and vegetable science, Oct. 4, 4:30 p.m., Whetzel Seminar Room, 404 Plant Science Building.

"The Electronic Library and Researchers," Sam Demas, Oct. 11, 4:30 p.m., Whetzel Seminar Room, 404 Plant Science Building.

Geological Sciences

"Macroscopic Properties of Complex Flows," Dan Rothman, MIT, Oct. 9, 4:30 p.m., 1120 Snee Hall.

Immunology/Physiology

"The Influence of Thyroid Hormones on the Physiology of the Thymic Epithelium," Wilson Savino, Instituto Oswaldo Cruz, Rio de Janeiro, Brazil, Oct. 8, 4:30 p.m., Seminar Room, Boyce Thompson Institute.

International Nutrition

"Child Care Services in Tamil Nadu: Implications for Child Development," Mina Swaminathan, consultant to UNESCO and UNICEF, Oct. 4, 12:40 p.m., 200 Savage Hall.

"The Social Marketing Strategy — An Approach for Nutrition Education in Guyana," Bernice Khan, Hubert Humphrey Fellow, Food Policy Division, Georgetown, Guyana, Oct. 11, 12:40 p.m., 200 Savage Hall.

Microbiology

"Recent Findings on the Ecology, Microbiology and Biochemistry of Pollutant Decomposition by Anaerobic Bacteria," Joseph Sufliata, University of Oklahoma, Norman, Oct. 4, 4 p.m., Conference Room, Biotechnology Building.

Near Eastern Studies

"Pragmatism Versus Radicalism in Post-Khomeini Iran," co-sponsored by Comparative Muslim Societies Program, Oct. 4, 4:30 p.m., 374 Rockefeller Hall.

Neurobiology & Behavior

"Functional Properties of the Unconditional Stimulus in Olfactory Learning in Honey Bees: A Behavioral and Physiological Analysis," Martin Hammer, Freie Universität Berlin, Institut für Tierphysiologie, Oct. 4, 12:30 p.m., Morison Seminar Room, Corson/Mudd Hall.

Operations Research & Industrial Engineering

Manufacturing Engineering Seminar, "Why Quality?" Irv DeToro, The Quality Network, Oct. 4, 4:30 p.m., B14 Hollister Hall.

"New Product Launches in the Pharmaceutical Industry," Carl Accettura, Pfizer Inc., Oct. 11, 4:30 p.m., B14 Hollister Hall.

Peace Studies Program

"The Past and Future of Non-proliferation Viewed from the 1990 NPT Review Conference," Barclay Ward, U.S. Arms Control and Disarmament Agency, Oct. 4, 12:15 p.m., G-08 Uris Hall.

"The State and the Production of International Security: A Microeconomics Theory of Grand Strategy," David Lake, UCLA, Oct. 10, 12:15 p.m., G-08 Uris Hall.

"Why We Won't Miss the Cold War," James Goldgeier, Stanford University, Oct. 11, 12:15 p.m., G-08 Uris Hall.

Plant Biology

"A Phytohormonal Basis for Hybrid Vigor in Crops and Trees," Stewart Rood, University of Lethbridge, Alberta, Canada, Oct. 5, 11:15 a.m., 404 Plant Science Building.

Plant Pathology

"Nature of Wound Predisposition of Maize to Anthracnose Stalk Rot," Muimba-Kangolongo, plant pathology, Oct. 8, 3 p.m., 133 Barton Laboratory, NYS Agricultural Experiment Station, Geneva.

Population & Development Program

"Qualitative Demography: An Oxymoron?" Dudley L. Poston, rural sociology, co-sponsored by rural sociology, Oct. 5, 3:30 p.m., 32 Warren Hall.

Russian Literature

"Biography Into Autobiography: The Two Deaths of Nabokov's Father," Brian Boyd, author, Oct. 11, 1 p.m., Guerlac Room, A.D. White House.

Soil, Crop & Atmospheric Sciences

"TroSoils Green Manure Management Programs," Douglas Lathwell, soil, crop and atmospheric sciences, Oct. 9, 4 p.m., 135 Emerson Hall.

Southeast Asia Program

"Ifugao Women Seed Selectors and Rice Culture: Variation, Classification and Importance of Their Specialized Knowledge," Oct. 4, 12:20 p.m., 102 West Ave.

Theoretical & Applied Mechanics

"Boundary Element Methods for Polymer Processing," Roger Tanner, University of Sydney, Australia, Oct. 4, 1:30 p.m., 201 Thurston Hall.

"Stability of Periodic Media," N. Triantafyllidis, University of Michigan, Oct. 10, 4:30 p.m., 205 Thurston Hall.

SPORTS

(Home Games Only)

Thursday, 10/4

Women's Field Hockey, Bucknell, 7:30 p.m.

Friday, 10/5-Saturday, 10/6

Women's Volleyball, Cornell Invitational

Thursday, 10/11

Women's Jr. Varsity Soccer, Hartwick, 3 p.m.

SYMPOSIA

Biotechnology Program

"Biological Control of Plant Pests" will focus on advances in the non-chemical control of diseases and insects that attack crops. The symposium will be held Tuesday, Oct. 9, from 8:30 a.m. to 5 p.m. in the Conference Room of the

Biotechnology Building. Keynote speaker R. James Cook, a plant pathologist at the U.S. Department of Agriculture's Root Disease and Biological Control Research Unit at Washington State University, will discuss "Biological Control in the Rhizosphere." Other speakers include Gary Harman, professor of horticultural sciences at Geneva Agricultural Experiment Station; Milton Zaitlin, plant pathology; Richard T. Roush, entomology; and H. Alan Wood, virologist at the Boyce Thompson Institute for Plant Research.

Mathematical Sciences Institute

"Partial Differential Equations," a conference in honor of Professor Lawrence E. Payne, will meet Oct. 5 through 7 in Room 700 Clark Hall. Presentations by invited speakers from the United States and abroad will address topics on ill-posed problems, including global non-existence of solutions; isoparametric inequalities and special maximum principles; Saint-Venant type principles; energy stability in non-linear systems; inverse problems; and bifurcation theory. For more information contact conference co-organizers Alfred Schatz or James Bramble, Department of Mathematics, 255-4013, or the Mathematical Sciences Institute, 255-8005.

THEATER

Department of Theatre Arts

"A Streetcar Named Desire," by Tennessee Williams will be directed by Bruce Levitt and performed on Oct. 19, 20, 25, 26 and 27 at 8 p.m., and Oct. 21 and 28 at 2 p.m.

MISC.

CUSLAR

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

Cornell Plantations

A workshop, "Herbal Standards and Topiaries," will be offered Oct. 15 from 7:30 to 9:30 p.m. The workshop introduces the art of shaping plants into fanciful living sculpture and is given by Jean Wentworth, a herbalist at Bakers Acres. All materials, including clay pots, soil, wire framing and plants, are included in the workshop fee (\$12 for members; \$15 for non-members).

Narcotics Anonymous

Meetings for recovering addicts to help each other stay clean and free from drugs are held Tuesdays at 6 p.m. in G-18 Anabel Taylor Hall.

National Coming Out Day Rally

Come out and celebrate at a rally to be held Oct. 11, noon, at Willard Straight Hall. A Gay, Lesbian and Bisexual Debutante Coming Out Ball will also be held Oct. 13, 9 p.m., Risley Hall. For more information call 255-6482.

Nutritional Sciences

Graduate students in Nutritional Sciences are gathering data for a diet study on non-smoking women who are 10 percent and over normal weight; \$100 and food provided, Oct. 15 through Nov. 9. To sign up and for more information call 255-5436, 9 to 11 a.m., or 255-9685, 1 to 4 p.m.

Tae Kwon Do

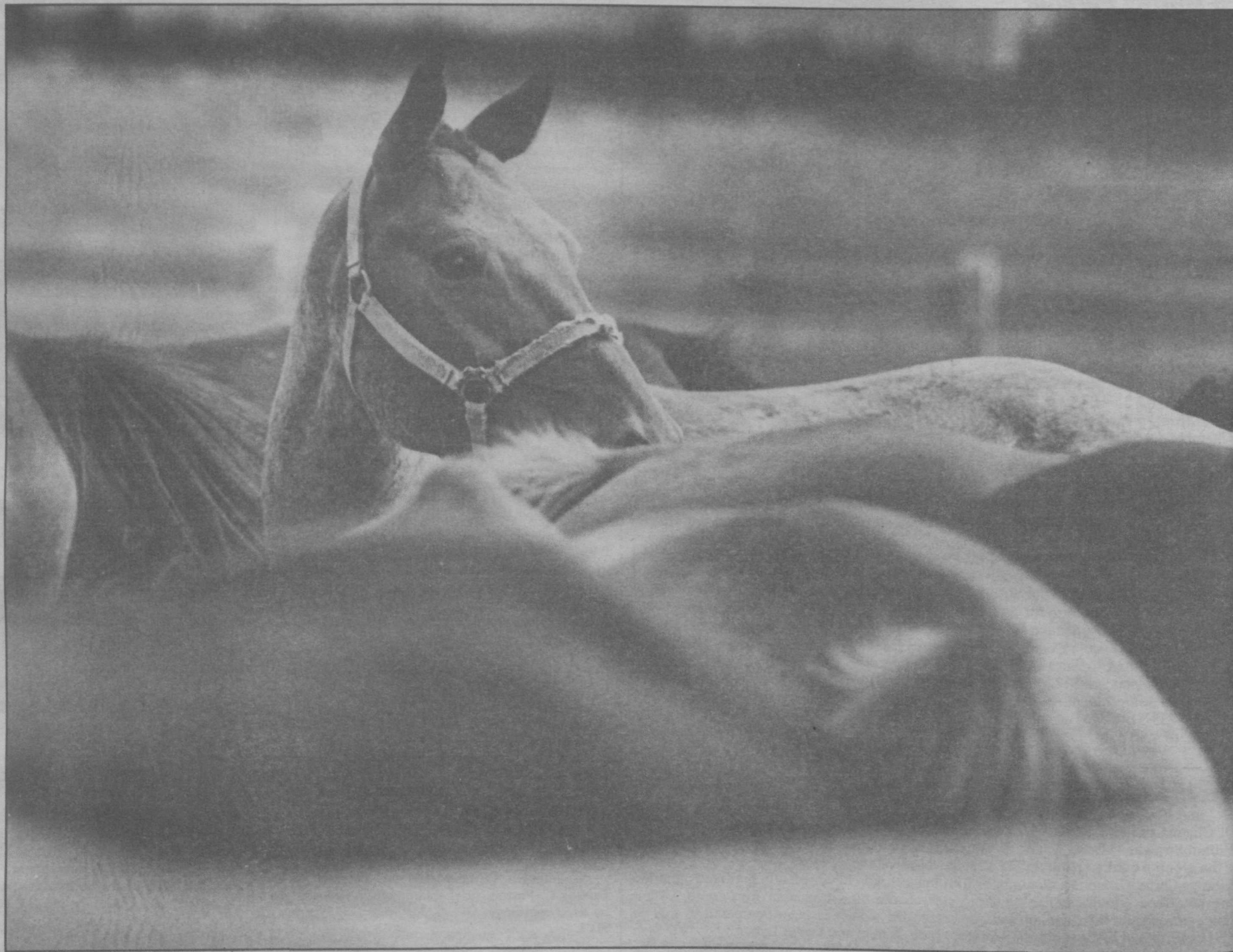
Self-defense open to beginners of all ages. Women are strongly encouraged. Classes will be held Sundays, 7 to 8 p.m.; Monday through Thursday, 6 to 7 p.m. For more information, call Sandy at 255-7923 or 272-5766.

Unions and Activities

"Right to the Moon Alice," a vintage clothing sale, Guatemalan Imports and jewelry, will be held Oct. 15, 16 and 17 from 10 a.m. to 5 p.m. in the Memorial Room of Willard Straight Hall. Great costumes for Halloween and other clothes will be on sale.

Writing Workshop

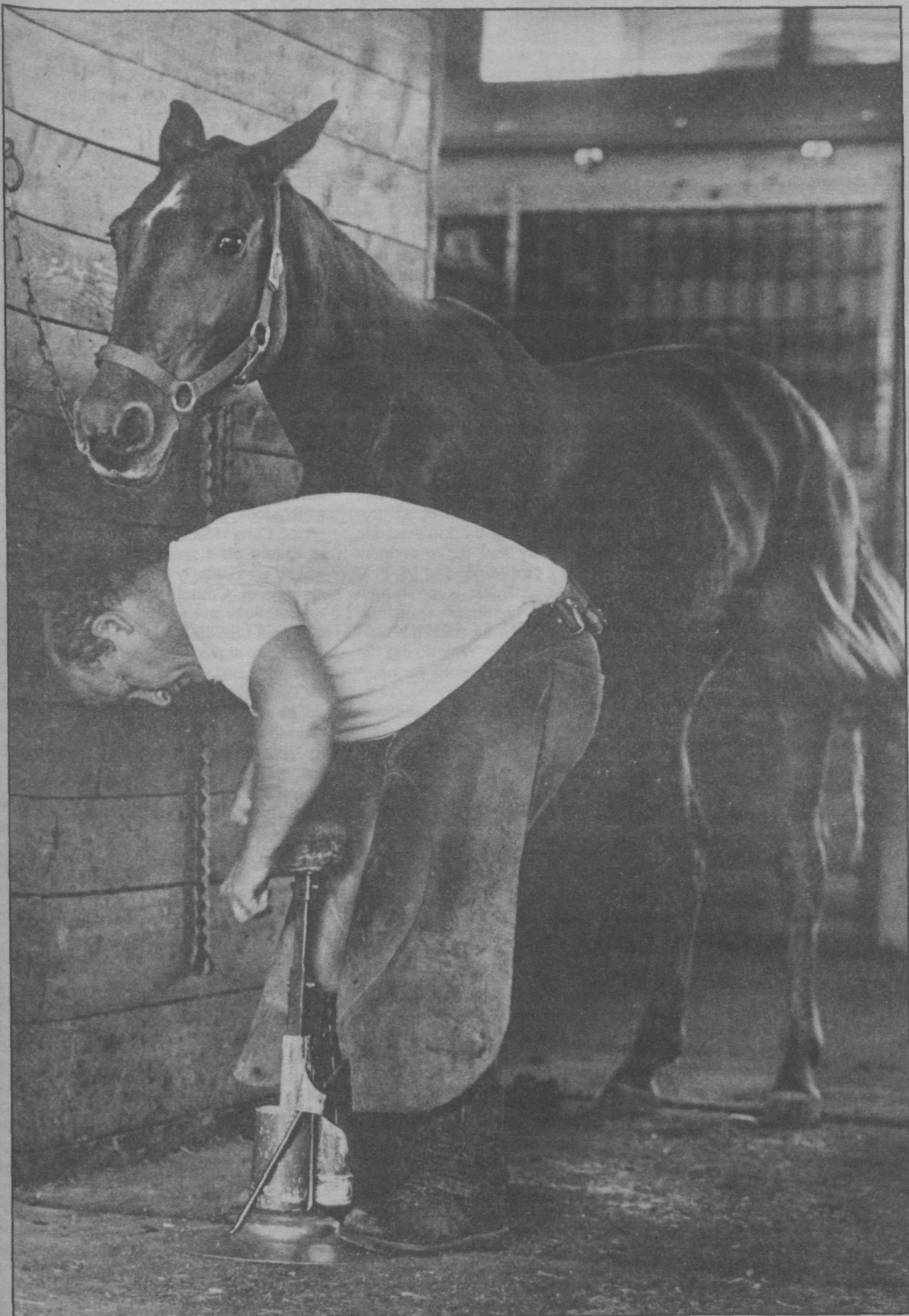
Writing workshop walk-in service: free tutorial instruction in writing. Monday through Thursday, 3:30 to 5:30 p.m. and 7 to 10 p.m., 178 Rockefeller Hall; Sunday 2 to 8 p.m., 178 Rockefeller Hall; Sunday through Thursday 10 p.m. to midnight, 340 Goldwin Smith Hall; Sunday through Thursday, 8 to 11 p.m.,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



At Cornell, horsing around is serious business

Photographs by Tim Moersh





The university's Equestrian Center on Pine Tree Road is the home to collegiate polo teams that are national powerhouses, as well as a place for novice riders to learn a new skill by taking a horseback-riding course.

The men's polo team is consistently ranked among the top teams in the nation; the women's team won a fifth-straight national title in 1988 and finished third last year.

The Ithaca community can take riding lessons at the center and, on Wednesday nights, can use the teams' horses to learn to play polo.

A recent visit to the Equestrian Center found (clockwise, from upper left) horses waiting to be fed; Tarene Friedman, head instructor for the riding program, cleaning a helmet in the tack room; freshman Rosalinda Clemm practicing her swing before polo tryouts; Steve Kraus, a certified journeyman farrier, shoeing Polo Club horses; Ginny Schreter, manager of the Equestrian Center, tossing hay to horses; and student Jorge Otero cleaning a saddle before tryouts for the first-year polo team.

Range of views invited tonight at Cornell-city panel meeting

Comments on Cornell's impact on the environment, neighborhoods and housing will be sought tonight (Oct. 4) when the Mayor's Cornell-City Relations Study Commission meets at 7 p.m. in Ithaca City Hall.

Individuals and group representatives are welcome to address issues such as the "use of pesticides, disposal of wastes, littering of gorges, noise, traffic, parking, and price and quality of housing," according to a notice for the meeting.

"I hope it's clear that all points of view are welcome," Mayor Benjamin Nichols said this week.

The commission was formed in March to objectively review Cornell-city relations, to "analyze the many interactions between the university and the city, to produce a balance sheet and to make recommendations."

'The university has said from the beginning that we welcomed the opportunity to work with the commission.'

— John F. Burness

There has been disagreement recently, however, over the fairness of the body's intentions and procedures.

Since the commission began meeting in April, only one Cornell administrator — Vice President for University Relations John F. Burness — has been asked to address the commission. While the university has responded to all questions, no one was appointed as a Cornell representative.

Mayor Nichols, in his Sept. 19 column in *The Grapevine*, said that the commission "does not, by design, have any members on it representing the Cornell administration,

nor any members representing city government."

Nichols said a Sept. 13 *Cornell Chronicle* article about the commission's work and the resignations of two members who cited a lack of objectivity on the part of some commissioners was an attempt to "smear the commission." Commission vice chairwoman and United Auto Workers official Cathy Valentino, too, has charged that the *Chronicle* treatment was unfair, specifically in reporting on the resignation of Cornell Law School Professor Gregory Alexander, the only Cornell faculty member originally appointed to the commission.

The *Chronicle* article quoted from Alexander's own resignation letter, in which he said the commission lacks balance, credibility, fairness and objectivity. He wrote: "... the commission has assumed a partisan character that is inconsistent with its ostensible purposes..." and criticized the commission for failing to provide an objective analysis concerning Cornell's contributions, both positive and negative.

Burness called Alexander's resignation "regrettable" and added:

"The university has said from the beginning that we welcomed the opportunity to work with the commission so that it could provide an accurate balance sheet concerning the impact of the university's presence in our community. It is distressing to learn that some members of the commission apparently have chosen, as Professor Alexander indicates, to use the commission purely for another round of Cornell bashing."

In the wake of the resignation, the *Cornell Daily Sun* editorialized last month that Nichols "has subverted the purported mission of the committee, stripping it of credibility and ensuring its failure," suggesting that "many of its members had no intention of letting the facts get in the way of their opinions."



Wet wait

Brian Colbert takes a swim at Helen Newman pool while waiting for his parents' class to end.

Photo by Tim Moersh

CIT urges computer-virus vigilance

Computer viruses released by a local high-school student beginning last spring were detected when they encountered anti-viral programs in Cornell's public facilities and eventually were eradicated by new versions of such programs, according to staff at Cornell Information Technologies. They have urged the Cornell community to take full advantage of existing anti-viral programs and to help CIT maintain a watch for future infections.

A month-long investigation by the New York State Police Bureau of Criminal Investigation and Cornell's Department of Public Safety led last week to the author of viruses that infected Macintosh microcomputers at Cornell, Baka Computers Inc. and area schools. The 16-year-old Ithaca High School student has admitted to writing the viruses, which are known by the names MDEF and CDEF.

The original "MDEF A" virus was first detected on campus in May, and a variant called "MDEF B," as well as "CDEF," appeared in August, said Thomas Young, assistant director of CIT workstation systems services. In both cases, the virus was first detected and successfully repelled by the anti-virus software installed in public facilities of CIT, said Young.

None of the viruses, which only affect

Macintosh microcomputers, seemed to be aimed at intentionally damaging a system, said Young, although any infection can have adverse side-effects.

Young emphasized that all Macintosh users at Cornell should be running software that can block attacks and detect and eradicate infections by these and other viruses. CIT recommends regular use of the anti-virus program Disinfectant, which can scan disks for known viruses and remove any that are found. The free Disinfectant package can also prevent viruses from infecting a Macintosh.

Disinfectant and other software for fighting viruses on Macintoshes and IBM PC computers can be obtained from the CIT's Software Lending Library in Room 124 Computing and Communications Center, Monday through Friday, 9:30 a.m. to 4:30 p.m. Those needing the programs should bring along a blank diskette for copying them.

CIT asks that any sighting of these or other microcomputer viruses be reported to the Service HelpDesk in 121 Computing and Communications Center (phone 255-8990; e-mail SHDX@CORNELLA). Hours are 8 a.m. to 6 p.m. Monday through Friday and 9 a.m. to 5 p.m. Saturday.

—Dennis Meredith

'Edison of poultry industry' continued from page 1

known as convenience foods. The most convenient foods they could think of were hot dogs and bologna, and the scientist and the economist assembled a team of specialists to take poultry parts where no chicken had gone before.

The R-and-D procedure that they used for 58 poultry products and 29 from fish has made Cornell an international leader in food-product development, Baker said proudly: Concept, development, taste paneling, free samples in Ithaca homes, shelf-life tests, packaging, production and, finally, test-marketing in supermarkets around upstate New York.

Media Services artists prepared the package designs for test marketing under the brand name Cayuga. "We felt that 'Cornell brand' sounded too experimental," Baker said, noting the packages were clearly labeled as coming from the Cornell University Department of Food Sciences.

An internal difference of opinion led to two different names for test-marketing the same product, Chicken Franks and Bird Dogs. In a nearly 50-50 split, women shoppers chose Chicken Franks and men picked Bird Dogs.

"One woman called me up," Baker recalled, "and she said, 'So you're the instigator behind Bird Dogs. I want you to know that I tried them both, and your Bird Dogs are awful!'"

The test-marketers also observed what Baker calls a psychological barrier to the idea of chicken hot dogs. Only 10 percent of shoppers would even consider trying hot dogs made of anything but red meat, and the food industry was reluctant to mass-market them, too.

Undeterred, the Cornell team moved on to chicken bologna. "The bologna had almost the same mix with a different size casing, and nobody said bologna shouldn't be made from chicken," Baker said. "In fact, all meats — if you don't have psychological barriers — taste about the same. Meat is a carrier of seasonings. Most people, when they're blindfolded, can't tell the difference between [unseasoned] meats."

New product ideas that survived the test-marketing were offered, free of charge, to the food industry. The university tried briefly to capitalize on new products, but patent disputes (over instant French toast and something called 500-Calorie Pie)

prompted the decision to make product development a public service.

Not all the bright ideas made it beyond that stage. Chicken-stuffed peppers didn't sound so good on second thought; neither did turkey hot sausage or fish lasagna.

Others, including some developed from so-called "trash fish," required a little tinkering with the nomenclature. Minced-fish-in-tomato-sauce, for example, was revolting to Ithaca High School students, Baker said. "But when we called the same product Sloppy Jonah, they loved it." And chicken hash outsold beef hash in some stores but didn't do well in others until the Cornell marketers renamed it Chicken Delight.

Many of the chicken and turkey products currently available in North American stores — and some that may never be — had their start at Cornell. Among them: chicken steaks, chicken ham, chicken sausage, smoked chicken, chicken pizza, chicken meatballs, plus all of the above with turkey. Then there are frozen omelets, egg-crust pizza, hard-cooked egg roll, high-protein cookies, chiffon pie and more.

Americans now consume more chicken each year than beef, and the poultry industry has been lavish in its praise for the Cornell professor. He was named the Poultry Industry Man of the Year in 1988 and the Maryland Egg Council's Friend of the Year

in 1983. Baker received the Distinguished Service Award of the New York State Agriculture Society in 1989, the same year he was elected a Fellow in the Poultry Science Association.

Baker's fame for product development is somewhat misleading, he maintained. About 75 percent of his efforts — and his scientific reputation — were in the fields of food safety and in egg quality. When concern arose recently over bacterial contamination of chicken meat and eggs, Baker was among the first to assure the public that both are safe if proper procedures are followed on the farm and in the kitchen. He reminded the industry and the consumers what those sanitary procedures are.

At 68 years of age, Baker is semiretired from Cornell. He continues to advise graduate students who work with the food industry on questions like: "Why do our hot dogs turn green?" and he consults for poultry industries in other countries.

The U.S. poultry industry has taken over most product-development work from universities, including Cornell, Baker said, but there are still frontiers to conquer in under-utilized meat. "We raise over 5 billion broilers a year in this country, and there is a pound of neck and back in each broiler. You can get an 80-percent yield from necks and backs," he said, doing some mental cal-

culations about mountains of wasted meat. "We still have a long ways to go." Mechanically deboned meat is the answer, he thinks. The problem is how to "glue" the fine-textured meat back together again.

This was the 41st year for Baker's Chicken Coop, the family-run concession at the New York State Fair that put six children through college and brings them back from across the country each summer. There's no secret to the tasty poultry he serves at the State Fair and at benefit barbecues for Ithaca-area community-service organizations, Baker insists. Just the original-recipe Cornell Sauce.

Raised on a fruit farm in Sodus, N.Y., Robert C. Baker once wanted to study pomology at Cornell and run an orchard. Somehow he got sidetracked. Now he has his wish — 600 apple trees at Baker's Acres, the nursery his wife, Jackie, operates in North Lansing.

The Baker orchard has the standard varieties — the Cortlands, Empires, Ida Reds and others, and he keeps planting new ones, including experimental types from the Geneva Agricultural Experiment Station.

Some of his new apples might make it on the strength of their names alone. Who could resist a juicy Burgandy, or a crisp Paulared?

—Roger Segelken

ILR institute continued from page 1

porations, labor unions and international agencies.

"Our initial activities will include a seminar on policy issues for key congressional staffers this year and a major research conference next year on policy issues related to an aging work force," Ehrenberg said.

The institute also is designed to prepare the school's undergraduate students for public-policy careers and to encourage undergraduate students to go into graduate studies in public-policy and related disciplinary fields. Another goal is to provide opportunities for undergraduate and graduate students to engage in policy-related research.

The institute is organized into five major program areas, each headed by a program

director. They are:

- Social Insurance Programs and Employment Laws, headed by John Burton, a professor of collective bargaining, labor law, labor history and labor economics, to study emerging areas of legislative concerns such as unjust dismissal, parental leave, health and retirement income insurance, disabled workers and comparable worth.

- Labor Force Demographics, directed by Olivia Mitchell, a professor of labor economics, to conduct research relating to the policy implications of an aging work force that increasingly includes women, minority and immigrant workers.

- Technology and Work, led by Stephen Barley, an associate professor of organizational behavior, to investigate the impact of

advanced technologies on the work place and labor force, including research on the commercialization of biotechnology, a study now under way.

- Education and Work Force Preparedness, guided by John Bishop, an associate professor of personnel and human resources, to look into the increasing shortage of skilled workers and an excess of unskilled workers in the United States; and to consider ways to improve public education.

- Employment and Poverty in Developing Economies, headed by Gary Fields, a professor of labor economics, for research into the causes of poverty, unemployment, underemployment and low earnings in developing nations, and to develop policies to deal with these problems.

—Albert E. Kaff

CORNELL EMPLOYMENT NEWS

Including Job Opportunities

October 4, 1990

Volume 2, Number 41



Disability Notebook

Students with Disabilities Thrive in Campus Mainstream

by Joan B. Fisher, coordinator of disability services

- One blind student works out regularly in the weight room, and another has mastered learning to swim.
- Students with disabilities are members of the varsity football, lacrosse, crew, and wrestling teams.
- A student who must use a wheelchair due to an auto accident has channeled his energy into becoming an advocate for campus accessibility.
- Several students with documented learning disabilities made the dean's list last semester; one had a 4.0.
- A severely hearing-impaired student began a support group for students, staff, and community members with hearing impairments.
- Students with disabilities are found in every school and college.

Words like "victim," "dependent," or "incapable" certainly don't apply to the 190 registered students with disabilities at Cornell.

For the third year in a row the number of identified students with disabilities (those who came to my office and registered) has dramatically increased. In the 1988-89 academic year, 120 students identified themselves. This year most of the additional 70 students identified fell into two categories: those with learning disabilities and those with mobility impairments. Four years ago, 19 students on campus were known to have learning disabilities; in 1989-90 there were 70. All of this increase is not due to new admissions. Students are now more comfortable in identifying themselves as having a learning disability. The number of faculty referring students with problems that seem indicative of a learning disability for diagnostic testing has steadily increased. In the month of September alone, four students completed psycho-educational testing for possible learning disabilities.

Although the number of students on campus with permanent mobility impairment tends to remain stable, last year an unusually large number of students were recovering



Ki Hong '89 in Chemistry laboratory.

from sport and automobile accidents. During the month of February, 17 students depended on the accessible van owned by C.U. Transit and driven by volunteers from Pi Kappa Alpha fraternity for transportation to classes. The van holds only five persons so scheduling for 17 was quite a challenge.

Each year the Office of Equal Opportunity hires approximately 70 student employees to serve as readers, notetakers, tutors, or office assistants to provide the support necessary for students with special needs. Wonderful partnerships are formed, and student workers often claim they gain as much as do the students they assist.

Students may request that I send letters to faculty members to explain special accommodations that might be necessary in the classroom. Faculty members have been most supportive, as evidenced by the large percentage of students who complete their degrees.

Two student support groups are presently functioning. A peer support group for students with learning disabilities meets monthly. Members of this group have been invited to make presentations to middle and high school learning disabled students, and other students have hosted prospective students with learning disabilities.

A second group, *Deafinitely Hearing Impaired*, began at the request of students with hearing impairments. This group

Continued on page 4e

College/Area Disability Representatives

<i>Agriculture & Life Sciences</i>	Donald Burgett Lisa Ryan
<i>Architecture, Art & Planning</i>	Elizabeth Cutter
<i>Arts & Sciences</i>	Beatrice Rosenberg
<i>Athletics & Physical Education</i>	Frederick DeBruyn
<i>Engineering</i>	Michelle Fish
<i>Graduate School</i>	Eleanor Reynolds
<i>Hotel School</i>	Cheryl Farrell
<i>Human Ecology</i>	Patti Papapietro
<i>Industrial & Labor Relations</i>	James McPherson
<i>JGSM</i>	Nancy Culligan Harriet Peters
<i>Law School</i>	Anne Lukingbeal Richard Geiger
<i>Residence Life</i>	Ann Shumate
<i>Transportation Services</i>	Helen Steh
<i>Veterinary Medicine</i>	Marcia Sawyer

Classification Review Questionnaires to Be Distributed to Nonexempt Employees

Supervisors Receive Guidelines from Personnel Support Group (PSG) Representatives

The following is a reprint of the sample letter sent to all Personnel Support Group (PSG) representatives early this week. PSG representatives will be distributing these guidelines to all supervisors of nonexempt employees receiving questionnaires. Nonexempt employees will be receiving their questionnaires and instructions sometime next week.

A listing of the meetings scheduled for discussion of the classification review study and to answer questions about the questionnaire will be distributed along with the questionnaires and will be reprinted in the October 11 issue of Cornell Employment News.

October 1, 1990

TO: Supervisors of Nonexempt Employees

FROM: E. Peter Tufford
Associate Director, Office of Human Resources

SUBJECT: Classification Review Study

Questionnaire Distributed

The Position Analysis Questionnaire that will be used in the Classification Review Study is being distributed to nonexempt employees at this time. We are asking you, as a supervisor, to assist us in this very important process. This is not a performance assessment. We are asking that the information provided in the questionnaire focus only on the current job duties and responsibilities.

General Instructions

- We ask you, as an information resource, to be available to answer employee questions about the questionnaire, job duties, reporting relationships, etc. If you cannot answer the questions, have the employee contact the individual responsible for human resource issues in your college or administrative unit or call the Information Line in Human Resources at 255-7400.
- Be sure you receive completed questionnaires from all nonexempt employees who report to you. Employees should return their questionnaires to you by November 5, 1990. Follow up if you have not received questionnaires by the date due.
- Review questionnaires to be sure they are complete, accurate and clear in explaining job content. There is a supervisory comment section on the back page of the questionnaire, which you may use to add to, clarify, or modify the information the employee has provided. Do not change the employee's own input, and review your proposed changes with the employee. Where your and your employee's input differs, both viewpoints must be clearly indicated.
- Where needed, discuss the completed questionnaire with the employee and indicate where answers are incomplete or vague. Discuss and resolve any differences you may have with the employee. Please limit your input and comments to issues of job content.

- If you and the employee cannot reach agreement on the questionnaire content, contact your departmental human resource representative or call the Information Line in Human Resources at 255-7400.
- When you and the employee agree upon the questionnaire, sign the form and have the employee do the same.
- The completed questionnaires should then be returned to the individual designated for your departmental review.

Information Meetings

We have scheduled a series of employee meetings designed to provide information on the classification review process and to provide employees with the opportunity to ask questions about the completion of the questionnaire. We ask for your assistance in allowing employees the opportunity to attend one of these meetings and the time to complete the questionnaire during working hours.

Questions

Your assistance in this process is important to help insure that we classify jobs based on all current duties and responsibilities of the job and not on personal attributes of the employee. Questions may be addressed through your college and administrative unit or you may call the Information Line in Human Resources at 255-7400.

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 and job number. Employees should include an Employee Transfer Application.

**Director Class Programs (PA3905) HRIII
Alumni Affairs-Endowed
Posting Date: 10/4/90**

Responsible for the overall administration of alumni class activities. Includes establishment of long range plans and policies, developing and monitoring Class Programs budget; work with staff to identify and train alumni class leadership, working with an alumni class officer's board of directors; and supervise established programs, including Reunion weekend and all associated planning meetings, a class officers annual meeting, the class membership solicitation program, and young alumni and undergraduate events.

Requirements: Bachelor's required. Master's preferred. 3-5 years related experience. Good oral (and written) communication skills. Ability to direct and coordinate volunteers and their efforts. Strong organizational skills. Attention to detail. Excellent supervisory skills. Send cover and resume to Cynthia Smithbower.

**Physical Therapist (PA3802) HRII
Health Services-Endowed
Posting Date: 9/27/90**

Responsible for planning and implementing rehabilitation program for UHS patients.

Requirements: Bachelor's in physical therapy; NYS license or eligibility required. Experience in sports physical therapy and orthopedics preferred. Send cover letter and resume to Cynthia Smithbower.

**Technical Specialist II (PT3806) Level 37
Information Technologies-Endowed
Posting Date: 9/27/90**

Provide technical assistance and guidance to the Chairman of the Technology Assessment Advisory Committee of the Commission on Preservation and Access. Help the Committee evaluate current technologies for the preservation of library materials. Provide technical advice and direction regarding appropriate delivery systems that will provide access to knowledge resources. Investigate and evaluate new technologies.

Requirements: Master's or equivalent training and experience in computer science, information science, library science, or related field. 3-5 years experience of progressively responsible systems design, library automation, network or workstation development. Excellent oral and written communications skills; and the ability to work both independently and on a team are required. Send cover letter and resume to Sam Weeks.

**Technical Specialist I (PT1703) Level 36
CIT/Systems-Endowed
Posting Date: 5/3/90**

Design, implement, install, document and maintain systems software and significant subsystems for the AIX/370 Operating Systems (IBM's version of UNIX for 370 architecture machines). Provide technical leadership in designing and adapting functional enhancements to AIX/370 and its subsystems. Some night, weekend and "on call" duties.

Requirements: Bachelor's in computer science or equivalent experience with computer courses in operating system fundamentals. 3-5 years experience with UNIX Operating Systems and significant subsystems preferred. Knowledge of "C" programming language, UNIX utilities and system calls is essential. Work with IBM 370 assembler language, the VM operating system and large systems is a plus. Send cover letter and resume to Sam Weeks.

**Technical Consultant, Education and Training (PT4715) Level 34
Theory Center-Endowed
Posting Date: 12/15/88 (Search Reopened)**

Provide end user support services to scientific researchers in universities nationwide. Develop instructional materials on a wider range of supercomputing tools including code optimization, vectorization, parallel processing, and visualization. Organize education programs and training workshops.

Requirements: Master's in a scientific discipline. 3-5 years mainframe FORTRAN or C experience, preferably on UNIX; demonstrated ability to work with complex scientific programs; excellent communication and presentation skills. Previous teaching or training experience a plus. Send cover ltr and resume to Cynthia Smithbower.

**Applications Programmer/Analyst II (PT3809) Lvl 33
Mathematics-Endowed
Posting Date: 9/27/90**

Provide advanced Macintosh programming to a mathematics software development project in order to debug, enhance, and complete an existing interactive graphics program for dynamical systems (systems of differential equations) and to being a similar package for vector calculus.

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

**Applications Programmer/Analyst II (PT2407) Lvl 33
Law-Endowed
Posting Date: 6/21/90**

Develop, modify, document and maintain applications programs primarily for database management on a PC network. Provide training and consulting on hardware and software issues and applications for faculty, staff and students. Develop computer-aided teaching tools.

Requirements: Bachelor's in computer related field or equivalent combination of education and experience. 2-3 years related experience. Knowledge of personal computers and local area networks. Proven computer programming experiences in database applications required. Send cover letter and resume to Sam Weeks.

**Development Assistant (PA3906) HRI
School of Hotel Administration-Endowed
Posting Date: 10/04/90**

Assist with the coordination and implementation of vari-

ous fundraising and public affairs initiatives and projects. Will work closely with the director and other staff members in coordinating/carrying out those responsibilities (gift tracking, special projects/events, campaign accounting, administrative, budget, correspondence).

Requirements: Bachelor's degree. 1 year related experience. Ability to handle a great variety and quantity of work; extremely well-organized; excellent communication and interpersonal skills; sensitivity to fund-raising nuances. Accuracy and attention to detail. Experience with university public affairs records systems, MAC, and digital. Send cover ltr and resume to Cynthia Smithbower.

**Dining Supervisor (PA3904) HRI
Statler Hotel-Endowed
Posting Date: 10/04/90**

Plan, coordinate, schedule and manage, in an efficient manner, the food production and service in the Terrace Restaurant, Club Coffee Hour, and room service.

Requirements: Associate's in Restaurant Management or equivalent work experience in quantity food production and cafeteria service. Proven ability to assume responsibility, supervise and use good financial management and planning skills; commitment to high standards. Must be flexible regarding schedule. Send cover letter and resume to Cynthia Smithbower.

**Staff Nurse (PA3801) HRI
Health Services-Endowed
Posting Date: 9/27/90**

Provide nursing care for ambulatory and inpatients at Gannett Health Center. Assist Nursing Supervisor with clinic flow. Act as patient advocate. 9 month position.

Requirements: Graduation from an accredited school of nursing-BSN degree preferred. Current New York State license with minimum of 2 years recent experience in an ambulatory or acute care setting. CPR-BLS level certification required within one year of employment. Send cover letter and resume to Cynthia Smithbower.

**Research Support Specialist I (PT3805) HRI
Center for Research of Animal Resources-Statutory
Posting Date: 9/27/90**

Serve as back-up technician for standard immunological assays. Assist in the development of in vitro systems to study transport of macromolecules across mucosal membranes. Perform embedding and electron microscopy of canine tissues. Assist in maintaining primary tissue cultures. Probe tissue cultures with immunological agents. Perform photo microscopy. Conduct radioimmunoassay and enzyme-linked immunosorbent assay for proteins and toxins. Maintain lab, supply inventories, and glassware.

Requirements: Bachelor's in life sciences or related field or equivalent. Experience in use of light and electronmicroscopy useful. Knowledge of histological techniques very helpful. Send cover letter and resume to Sam Weeks.

**Extension Support Aide (PA3803) HRI
HDFS/FLDC-Statutory
Posting Date: 9/27/90**

Provide logistical, marketing and proposal development services to state, national, and international training programs. Until 3/31/92 and beyond if funding is renewed.

Requirements: Bachelor's or equivalent. Experience in organizing programs and conferences. Good writing and communication skills essential. Send cover letter and resume to Cynthia Smithbower.

**Applications Programmer II (PT1801) HRI
Animal Science-Statutory
Posting Date: 5/10/90 (Search Reopened)**

Develop, install, service, maintain, modify and document complex personal computer applications programs for the Cornell dairy Records Processing Lab. Assist with planning of complex systems/applications programming projects involving mainframe and personal computer interaction.

Requirements: Bachelor's or equivalent in computer science or animal science. 2-3 years experience programming in the PC/MS DOS environment. Detail knowledge of a PC programming language required (BASIC, C, Assembler, Clipper). Knowledge of PC database management and telecommunications desirable. Send cover letter and resume to Sam Weeks.

**Sous Chef, (PG3901) HRI
Statler Hotel-Endowed
Posting Date: 10/04/90**

Assist the Chef de Cuisine with the operation of the hotel's fine dining room and banquet functions.

Requirements: Associate's in culinary arts. 2-3 years experience in similar position required. Prepare and presentation of international and domestic dishes. Supervisory experience. Good financial management and planning skills. Able to assume responsibility and be committed to high standards. Regular Cornell employees only. Send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, EHP.

Professional Part-time

**Editor I (PC3707) HRI
ILR/Special Programs-Statutory
Posting Date: 9/20/90**

Write copy, edit and produce, using desktop publishing system, for 3 serial publications; interview and draft articles for faculty members; edit, proofread, supervise circulation of 3 publications; correspond and communicate by telephone with authors, to track progress of manuscripts or clarify questions about manuscripts. Work with freelance artists and photographers. 20 hours per week.

Requirements: Bachelor's or equivalent. 2 years experience in publishing. Superior writing and proofreading skills required. Familiarity with Macintosh and some experience with pagemaker. Send cover letter, resume and writing sample to Esther Smith, Staffing Services, 160 Day Hall.

Professional Temporary

**Research Support Specialist (PT3005)
Food Science-Statutory
Posting Date: 8/2/90**

Provide specialized engineering support to research projects on processing of biomaterials at high pressures. Specific responsibility will be in pilot plant design, operation and data analysis. Until 1/31/91.

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

Professional Off-Campus

**Research Support Specialist II (PT3905) HRI
Entomology-Highland, NY-Statutory
Posting Date: 10/04/90**

Assist research entomologist in studies on the biology and control of fruit insect and mite pests. Apply and evaluate chemical insecticides; supervise and train field assistants; maintain insect cultures in Lab and greenhouse; maintain experimental orchard plantings.

Requirements: Bachelor's or equivalent in agricultural sciences. 2-3 years experience in the operation and maintenance of orchard spray equipment and other farm machinery. NYS pesticide applicator's license required. Send cover and resume to Sam Weeks.

Technical

As a prominent research institution, Cornell University 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.

**Technician, GR18 (T3901)
Natural Resources-Endowed
Minimum Biweekly Salary: \$529.35
Posting Date: 10/04/90**

Provide general technical support for the Biotechnology Analytical and Synthetic Facility. Prepare solvents, buffers, and reagents necessary for the synthesis, isolation and characterization of peptides proteins and oligonucleotides. Keep track of inventory, order supplies, clean glassware, and maintain lab cleanliness and order.

Requirements: Associate's in Biochemical Science, Lab Technician or equivalent experience. Minimum 6 months lab experience preferred. Must be willing to learn; extensive training will be provided. Send cover letter and resume to Sam Weeks.

**Technician, GR20 (T3908)
Materials Science and Engineering-Endowed
Minimum Biweekly Salary: \$575.30
Posting Date: 10/04/90**

Responsible for supervision and maintenance of material science Lab and materials testing equipment. Duties include ability to use and care for equipment. Instruct new users and assist support staff in conducting various experiments and tasks. Some fabrication and design of equipment.

Requirements: Two year degree in mechanical technology or science preferred. Requires experience with machine shop equipment and knowledge of mechanical equipment and instruments. Computer literacy required. Knowledge of fabrication of equipment. Good mechanical skills and a willingness to learn. Send cover letter and resume to Sam Weeks.

**Technician, GR20 (T3808)
SCAS-Statutory
Minimum Biweekly Salary: \$575.30
Posting Date: 9/27/90**

Perform quantitative analyses of plant, soil, and water samples for the Nutrient Analysis Research Lab. Prepare and analyze samples. Calculate results and perform data entry. Use and maintain lab equipment such as autoanalyzer, AA photometer, Spec 2000, and ICAP. Prepare standards and reagents. Test, adapt and research new analytical methods. Assist in routine soil analysis in the extension test lab when needed.

Requirements: Bachelor's in biology, chemistry or related field (or equivalent training and experience required. 2 years experience in an educational Lab. Computer experience preferred. Send cover letter and resume to Sam Weeks.

**Technician, GR20 (T3507)
Entomology-Statutory
Minimum Biweekly Salary: \$575.30
Posting Date: 9/6/90**

Provide research support for greenhouse crop entomological studies including lab/greenhouse studies on various pests (whiteflies, spiders, mites, etc.). Assist in experimental design. Collect data and assist in interpreting and summarizing results. Use SAS or Mac software for statistical analysis. Assist with reports, publications and presentations. Assist with research related photography. Identify pests on floral crops. Coordinate insect and plant production for experiments. Maintain supplies and equipment. Assist in hiring. Work with growers and researchers.

Requirements: Bachelor's in biological science, Master's preferred. Coursework in entomology, horticulture and statistics. Experience in greenhouse crop or horticulture production; entomology; and/or statistics. Familiarity with integrated pest management, including biological control. Valid NYS pesticide applicator's license and willingness to work with pesticides. Valid NYS driver's license. Good organizational skills. Send cover letter and resume to Sam Weeks.

**Technician, GR20 (T3801)
Biochemistry, Molecular and Cell Biology-Statutory
Minimum Biweekly Salary: \$575.30
Posting Date: 9/27/90**

Conduct research on mutagenesis of proteins. Perform experiments on expression of human glucose transporter and in vitro mutagenesis of E. coli. Perform molecular cloning, DNA sequencing, transport assay, protein purification and other molecular biological techniques.

Requirements: Bachelor's in biochemistry or related field or equivalent experience. 1-2 years relevant lab experience. Familiarity with some of the techniques listed above. Send cover letter and resume to Sam Weeks.

**Technician, GR20 (T3703)
Animal Science-Statutory
Minimum Biweekly Salary: \$575.30
Posting Date: 9/20/90**

Conduct reproductive physiology experiments in an in vitro fertilization and cryobiology research program involving both cattle and lab rabbits. Collect blood samples.

Operate sophisticated lab equipment including a computer aided image analyzer. Collect and analyze data. Prepare reports for publication. Prepare reagents and maintain lab supplies. Assist with lab animal care.

Requirements: Bachelor's or equivalent with advanced coursework in reproductive physiology. Training in microbiology helpful. 1-2 years lab research experience. Work in handling cattle and lab animals. Aseptic technique for handling sperm, eggs, and embryos in culture. Aptitude for simple but careful surgery for fertility research. Send cover letter and resume to Sam Weeks.

**Animal Health Technician, GR20 (T2804)
Veterinary Medical Teaching Hospital-Statutory
Minimum Biweekly Salary: \$575.30
Posting Date: 7/19/90**

Assist with emergency surgical procedures, and in-patient treatments. Compound, dispense and administer prescriptions. Prepare operating rooms for surgery and do post-op cleaning. Collect client admission information. Keep records and maintain treatment and surgery room stock. Evening and weekend hours.

Requirements: Associate's in Animal Health Technology, NYS Licensure or eligible. Experience working with large animals preferred. Send cover letter and resume to Sam Weeks.

**Anesthesia Technician, GR20 (T1907)
Veterinary Medical Teaching Hospital-Statutory
Minimum Biweekly Salary: \$575.30
Posting Date: 5/17/90**

Assist with induction, monitoring and recovery of animals under anesthesia. Prepare and maintain anesthetic equipment. Assist with the education of the senior students assigned to anesthesia. Maintain records and inventory of supplies. Schedule will include some on-call and overtime when needed.

Requirements: Associate's in animal health technology, NYS licensure or eligible. Experience working with small animals preferred. Send cov ltr & resume to Sam Weeks.

**Technician, GR21 (T3906)
Diagnostic Lab-Statutory
Minimum Biweekly Salary: \$599.73
Posting Date: 10/04/90**

Maintain, monitor and perform radioimmunoassays. Use computers to maintain data files, calculate results, generate results forms and maintain documentation. Assist clients and staff by answering questions on reference values, test protocols, sample handling, etc. Duties include occasional overtime.

Requirements: Bachelor's in biological or chemical science or equivalent. Minimum of 1-2 years related experience. Knowledge of chemical lab procedures and mathematics. Must have good communication and keyboard skills. Training in endocrinology, immunology, and biochemistry desired. Ability to work accurately under pressure of deadlines. Send cov ltr & resume to Sam Weeks.

**Technician, GR21 (T3804)
DL-Quality Milk-Statutory
Minimum Biweekly Salary: \$599.73
Posting Date: 9/27/90**

Design, test and carry out research projects for the Quality Milk Service Program. Use microbiological and serological techniques including dilutions and titrations, filtration, centrifugation, spectrophotometry, and oxidation-fermentation. Collect and culture samples for identification of mastitis causing organisms and perform identification tests. Assist in preparing articles. Perform data entry, analysis and retrieval. Assist with teaching lab methods. Maintain lab, lab equipment, and supplies.

Requirements: Bachelor's or equivalent with microbiology and chemistry background. Knowledgeable in aseptic microbiology lab and serological techniques. Some farm experience and familiarity with computer entry, data analysis and software such as Lotus, WP, and RMS, are preferred. Send cover letter and resume to Sam Weeks.

**Technician, GR22 (T3009)
Section of Genetics and Development-Statutory
Minimum Biweekly Salary: \$625.24
Posting Date: 8/2/90**

Assist in the operation of bacterial genetics lab. Run experiments in cloning, sequencing, etc. Isolate, purify, and perform molecular analysis nucleic acids. Help supervise undergraduate students in a lab course and assist in the production of materials they will need (bacterial cultures, etc.). Teach techniques to graduate and undergraduate students. Help in preparing and maintaining media supplies.

Requirements: Bachelor's or equivalent; courses in microbiology, genetics biochemistry. Minimum 2 years Lab experience in molecular biology techniques. Send cover letter and resume to Sam Weeks.

Technical Part-time

**Animal Technician, GR18 (T3704)
Veterinary Microbiology-Statutory
Minimum full-time equivalent: \$529.35
Posting Date: 9/20/90**

Monitor research animals and provide care (feed, water and clean) following strict protocols for sterile or disease control environments and regulations for animal welfare. Maintain records and supply inventories. Assist veterinarians in treating and vaccinating animals. 24 hour work week; weekends and holidays.

Requirements: High School diploma or equivalent. Associate's in animal science desired. Knowledge of a variety of lab animals and animal breeding required. 1 year animal experience. Must be able to lift 50 pounds. AALAS certificate helpful. Send cover letter and resume to Sam Weeks.

**Electron Microscopy Technician, GR22 (T3907)
Materials Science Center-Endowed
Minimum full-time equivalent: \$625.24
Posting Date: 10/04/90**

Assist in the operation of the MSC Electron Microscopy Facility including, maintenance of equipment, preparation of samples, training and supervision of students using facility equipment. Prepare monthly billing and assist with other clerical services. Monday-Friday, 8-12 or 1-5 (20 hours).

Requirements: Associate's or equivalent, Bachelor's preferable. 2-4 years related experience in electronics or physical sciences. Basic computer skills, word processing required. Send cover letter and resume to Sam Weeks.

Technical Temporary

Part-time Temporary Technician (T3603) Poultry and Avian Sciences

Posting Date: 9/13/90

Provide technical support in an immunology lab, including cell culture work, in vitro immune assays, and assisting in molecular biology techniques. Some animal handling and blood and tissue collection. Limited work with radioisotopes. Collect, summarize and manipulate data using microcomputers. Keep records and order supplies. 24-30 hours per week for 6 months with the possibility of full-time employment.

Requirements: Minimum of Associate's (biology or biochemistry) or equivalent required. Bachelor's preferred. Certification as lab technician and/or animal technician is desirable. Previous lab work is highly desirable. Coursework involving lab experience is useful but on-the-job experience is preferable. Send cover letter and resume to Sam Weeks.

Part-time Temporary Technician (T3602) Entomology

Posting Date: 9/13/90

Provide research support for studies on biological control of weeds and insect pests. Assist in developing and implementing experiments. Rear insects. Collect data and assist in result summarization. Assist in statistical analysis. Maintain lab, records, and stock. Monday-Friday, 20 hours per week. 6 months.

Requirements: Bachelor's in biology or entomology; valid NYS driver's license. Knowledge of Macintosh computers, statistics and computer literacy desirable. Send cover letter and resume to Sam Weeks.

Animal Technician (T3903) Lab Animal Services

Posting Date: 10/04/90

Feed, water, clean and monitor research animals following strict protocols for sterile environments, disease control environments, and regulations for animal welfare. Maintain animal records including health observations. May include assisting Vets in treating and vaccinating animals. Weekend and holiday coverage required.

Requirements: High School diploma or equivalent. Associate's in Animal Science desired. AALAS 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 50lbs. Must have a valid NYS driver's license. Send cover letter and resume to Sam Weeks.

Electronic Technician (T3506) Agricultural and Biological Engineering

Hourly Rate: \$8.00

Posting Date: 9/6/90

Assist in biological engineering research projects by developing electronic lab instrumentation for measuring and recording temperature; computerized data acquisition systems; and computerized thermal control systems. Position to continue for up to 6 months.

Requirements: Associate's in electronics or equivalent. Experience with lab instrumentation and microcomputers for data acquisition and control. Some machine shop experience desirable. Send cover letter and resume to Sam Weeks.

Service Technician (T3104) Entomology

Posting Date: 8/9/90

Provide technical assistance in an insect toxicology lab by rearing insects, conducting insecticide bioassays, performing biochemical assays, and supervising undergraduate students. 6 months.

Requirements: Bachelor's desirable, but not required, in one of the following: biology, chemistry, biochemistry, entomology or related field. Lab experience with chemical and/or experience with insects desirable. Good communication skills necessary. Send cover letter and resume to Sam Weeks.

Technical Off-Campus

Technician, GR21 (T3902) Psychology/New York City-Endowed

Minimum Biweekly Salary: \$599.73

Posting Date: 10/04/90

Assume operation and supervision of a research projection on premature, drug addicted infants. Participate in planning and evaluation of experiments. Work with parents in a hospital setting, handle premature infants, and videotape experimental procedures. Collect and analyze data. Use a computer to maintain database and perform statistical analysis.

Requirements: Bachelor's or equivalent. Minimum 1-2 years experience in a related field. Good interpersonal skills, ability to work independently, demonstrated organizational abilities and computer skills required. Must like working with infants and their parents. Must be willing to relocate to New York City. Send cover letter and resume to Sam Weeks.

Boyce Thompson Institute

Research Assistant

Boyce Thomson Institute

Minimum Starting Salary: \$12,400

Available December 1, 1990. Support a project seeking to find new naturally occurring insecticides. Maintain insect colonies. Conduct insect toxicity bioassays of fungal extracts. Analyze and interpret data. Set up small scale assays to monitor isolation of active compounds from fungi. Assist in culturing and extraction of entomopathogenic fungi and preparation of samples for bioassays. Enter data on computer and prepare reports.

Requirements: Bachelor's in Biology or equivalent. Interest in insects. Contact Dr. Donald W. Roberts, (607) 254-1352 or Dr. J.A.A. Renwick, (607) 254-1358.

Office Professionals

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

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 Haponi at 255-2192 for details.

Office Assistant, GR16 (C3811) University Development/Public Affairs-Endowed

Minimum Biweekly Salary: \$498.93

Posting Date: 9/27/90

Assist Giving Society Coordinator in processing gifts and

memberships in Giving Clubs.

Requirements: High School diploma or equivalent. Some related office experience. Some bookkeeping helpful. Requires scrupulous attention to detail. Medium typing. Cornell employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, EHP.

Secretary, GR17 (C3817)

ILR-Extension and Public Service-Statutory

Minimum Biweekly Salary: \$517.65

Posting Date: 9/27/90

Provide clerical support to Programs for Employment and Workplace Systems staff. Photocopy, file, distribute and handle mail; run errands; make travel arrangements; process standard and travel vouchers; assist in preparing material for seminars and project work; maintain up-to-date schedule showing daily activity and location of staff members; maintain office supplies.

Requirements: High School diploma or equivalent. Strong organizational and communication skills. Familiar with computer (IBM or Mac). Medium typing. Cornell employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, EHP.

Office Assistant, GR17 (C3809)

Law-Endowed

Minimum Biweekly Salary: \$517.65

Posting Date: 9/27/90

Provide office assistance to Law Schools Facilities Manager. Assist with furniture & equipment inventory control; responsible for set-up and clean-up for all Law School functions; provide back-up support for mailroom clerk.

Requirements: High School diploma or equivalent. Basic knowledge of facilities plant functions. Experience with Wordperfect on IBM-PC. Some office experience preferred. Able to lift and move heavy objects (50 pounds). Valid NYS driver's license. Must have reliable transportation for on and off campus pick ups and deliveries. Mileage reimbursement. Light typing. Cornell employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, EHP.

Office Assistant, GR18 (C3906)

Photocopy Services/Olin Library/CUL-Endowed

Minimum Biweekly Salary: \$529.35

Posting Date: 10/04/90

Support administrative and self service photocopy operations of the Photocopy Services Copy Center. Duties include supervising student staff; customer relations; quality and inventory control; administrative responsibilities and operation of machinery. Oversee the activities of the Copy Center office.

Requirements: High School diploma or equivalent. Some college coursework preferred. Office/clerical experience including experience operating photocopy equipment preferred. Microcomputer experience desirable. Light typing. Send cover letter and resume to Esther Smith, Staffing Services, 160 Day Hall.

Receptionist/Office Assistant, GR18 (C3912)

Computer Science-Endowed

Minimum Biweekly Salary: \$529.35

Posting Date: 10/04/90

Serve as information resource for department staff and visitors and provide secretarial and clerical support to the administrative office under supervision of Admin. Aide.

Requirements: High School diploma or equivalent. Some college coursework preferred. Minimum of 1-5 years related experience. Good typing and ability to learn word processing essential. Attention to detail. Ability to set priorities and work in busy office. Excellent communication skills. Medium typing. Send cover letter and resume to Esther Smith, Staffing Services, 160 Day Hall.

Office Assistant, GR18 (C3914)

Media Services/Publications and Visual Communications-Statutory

Minimum Biweekly Salary: \$529.35

Posting Date: 10/04/90

Assist Production Coordinator to ensure efficient routing of production details and materials. Manage circulation of quarterly magazine, provide general office assistance to 12 professional staff (writers and editors), including typing or word processing, distributing mail, ordering supplies and answering telephones.

Requirements: High School diploma or equivalent. Some college coursework preferred. Additional training and hands-on experience with personal computers, preferably Macintosh required. Requires high degree of accuracy and attention to detail. Medium typing. CU employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, EHP.

Night Auditor, GR18 (C3812)

Statler Hotel-Endowed

Minimum Biweekly Salary: \$529.35

Posting Date: 9/27/90

Review, verify and record revenue for the entire hotel. Utilize the property management systems to generate all necessary reports. Perform duties of a front desk clerk. Flexible hours, nights and weekends, 11 p.m.-7:30 a.m.

Requirements: High School diploma or equivalent. Some college coursework in bookkeeping or accounting preferred. 3 years related or similar work experience. Knowledge of computers required. Send cover letter and resume to Esther Smith, Staffing Services, 160 Day Hall.

Senior Records Assistant, GR18 (C3815)

Serials/CTS/CUL-Endowed

Minimum Biweekly Salary: \$529.35

Posting Date: 9/27/90

Record the receipt of periodicals, serials and newspapers on the appropriate online or paper check-in record, and claim overdue and missing issues under the direction of the Records Maintenance supervisory. Other related duties as assigned.

Requirements: High School diploma or equivalent, additional academic training and/or clerical training desirable. Reading knowledge of foreign language helpful. Light typing. Send cover letter and resume to Esther Smith, Staffing Services, 160 Day Hall.

Secretary, GR18 (C3801)

Materials Science and Engineering-Endowed

Minimum Biweekly Salary: \$529.35

Posting Date: 9/27/90

Provide clerical assistance to a faculty member and his research group. Type (some technical); file; maintain a log book of purchase orders; answer telephone. Other duties as assigned.

Requirements: High School diploma or equivalent. 1-2 years experience in an office setting. Familiarity with technical typing helpful. Heavy typing.

Office Assistant, GR18 (C3808)

Summer Session-Endowed

Minimum Biweekly Salary: \$529.35

Posting Date: 9/27/90

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

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

Receptionist/Office Assistant, GR18 (C3818)

National Nanofabrication Facility-Endowed

Minimum Biweekly Salary: \$529.35

Posting Date: 9/27/90

Principal receptionist for technical research facility. Provide administrative coordination assistance for active user program, including processing proposal use requests, maintaining schedule of visits, and processing charges using mainframe database. Monitor Facility keys; provide assistance with various meetings held throughout the year.

Requirements: High School diploma or equivalent. Some college coursework preferred. Strong interpersonal skills. Excellent telephone manner essential. Computer experience desirable; knowledge of PC/Macintosh programs helpful. Ability to work as part of a team, occasionally under pressure, required. Medium typing. Cornell employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Svcs, EHP.

Office Assistant, GR18 (C3803)

Veterinary Medical Teaching Hospital-Statutory

Minimum Biweekly Salary: \$529.35

Posting Date: 9/27/90

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

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

Office Assistant, GR19 (C3908)

Graduate School Admissions-Endowed

Minimum Biweekly Salary: \$551.86

Posting Date: 10/04/90

Process Graduate School applications. Set up applicant folders, computer files, coordinate with fields; respond to applicant inquiries regarding policies and procedures. Type correspondence, maintain admission statistics; provide information to faculty and applicants.

Requirements: High School diploma or equivalent. Some college coursework preferred. Medium typing. 2 years related experience. Data entry experience required. Strong organizational skills. Attention to details. Spelling and accuracy essential. Ability to set priorities in a complex, active environment. Cornell employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, EHP.

Secretary, GR19 (C3913)

Mechanical and Aerospace Engineering-Endowed

Minimum Biweekly Salary: \$551.86

Posting Date: 10/04/90

Provide administrative and secretarial support for approximately 3 faculty members and related visitors and graduate students; provide secretarial assistance for large established research program.

Requirements: High School diploma or equivalent. Heavy typing. Some college coursework preferred. 2 years office experience (prefer Cornell experience). Technical typing and wordprocessing skills helpful. Good organizational, interpersonal and communication skills. Ability to work independently and set priorities. CU employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, EHP.

Accounts Assistant, GR19 (C3807)

Summer Session-Endowed

Minimum Biweekly Salary: \$551.86

Posting Date: 9/27/90

Provide year round support to the Accounting department including the preparation of vouchers, reconciling of accounts, and reconciling student information system reporting. Assist with accounts coordinator (GR22) and accounts assistant (GR20) with the day to day operations of the Accounting department.

Requirements: High School diploma or equivalent. Knowledge of Cornell accounting helpful. 2 years experience with a working knowledge of Lotus 123. Knowledge of Wordperfect preferred. Organizational skills and accuracy essential. Medium typing. Cornell employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, EHP.

Secretary, GR19 (C3810)

Veterinary Administration-Statutory

Minimum Biweekly Salary: \$551.86

Posting Date: 9/27/90

Provide secretarial support to the Associate Dean for Veterinary Education and the Director of Educational Development. Act as receptionist and provide back-up secretarial support for the offices of the Dean and Assistant Dean for Administration.

Requirements: High School diploma or equivalent. Some college coursework preferred. 2 years related office experience, preferably at Cornell. Excellent communication (oral and written) skills. Working knowledge of IBM PS/2, WordPerfect and Lotus 123 or EXCEL. Ability to work independently. Familiarity with fax and copy machines. Medium typing. Cornell employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, EHP.

Secretary, GR19 (C3509)

JGSM-Endowed

Minimum Biweekly Salary: \$551.86

Posting Date: 9/6/90

Provide clerical and secretarial support to the Dean's Office. Type, answer phones and assist in the preparation of reports and projects.

Requirements: Associate's or equivalent. 2 years of office experience required. Familiar with higher education and/or business management preferred. Excellent organizational and oral skills, ability to communicate and articulate with public, as well as academicians. Heavy typing. Cornell employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, EHP.

Administrative Aide, GR20 (C3909)

English-Endowed

Minimum Biweekly Salary: \$575.30

Posting Date: 10/04/90

Working independently, under the general supervision of the Director of Undergraduate Studies and Administrative Manager, provide administrative support for the undergraduate program. Responsibilities include course file management for 300 courses per year, organization of course registrations and grade submissions, and revision and editing of course catalog; serves as primary information source for undergraduate program, and maintain database of advisee and major records.

Requirements: Associate's or equivalent experience. Minimum 2 years office experience. Strong organizational and interpersonal skills. Significant experience with public contact. Experience with word-processing and database programs, preferably on the Macintosh. Medium typing. Cornell employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, EHP.

Administrative Aide, GR20 (C3907)

University Development/Public Affairs-Endowed

Minimum Biweekly Salary: \$575.30

Posting Date: 10/04/90

Provide administrative support for the Director of Leadership Gifts and assist the Leadership Program to identify and cultivate Capital Gift donors to Cornell University. Work independently under minimal supervision.

Requirements: Associate's or equivalent in experience, education and training. 2-3 years related experience. Excellent organizational, communications and interpersonal

skills. Ability to handle confidential information and prioritize assignments and work under pressure. Experience in office, human resource, budget management. Knowledge of Cornell required. PC (Macintosh) experience and knowledge. Medium typing. Cornell employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, EHP.

Telecommunicator, GR21 (C2610)

Public Safety-Endowed

Minimum Biweekly Salary: \$599.73

Posting Date: 7/5/90

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

Requirements: High School diploma or equivalent. College degree preferred. Radio communication skills preferred. 2-3 years related experience. Ability to qualify for certification in NYS Police Information Network System. Strong communication (written and oral) skills. Ability to pass background investigation with no record of convictions excluding minor traffic infractions. Computer knowledge desirable. CU employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Svcs, EHP. The facility is wheelchair accessible.

Administrative Aide, GR21 (C3813)

Dean's Office-Arts and Sciences-Endowed

Minimum Biweekly Salary: \$599.73

Posting Date: 9/27/90

Provide administrative and secretarial support to the Dean and Administrative Supervisor. Assist Academic Appointment Officer in form processing and database; process and monitor the section's general expense account; part-time receptionist duties and various projects as assigned.

Requirements: Associate's or equivalent. 3-5 years administrative experience, preferably in an academic environment. Excellent communication (written and oral) skills. Accounting experience preferred. Excellent word processing skills using Wordperfect. Knowledge of Academic Appointments procedures and policies desired. Heavy typing. Cornell employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, EHP.

Administrative Aide, GR22 (C3915)

Engineering and Facilities, Administrative Services

Minimum Biweekly Salary: \$625.24

Posting Date: 10/04/90

Responsible for all nonexempt payroll/personnel functions for Engineering and Facilities (+/- 400 employees). Monitor administration and compliance with the building trades council (BTC), international union of operating engineers (IUOE), and United Auto Workers (UAW) union contracts. Coordinate daily functions of accounts assistant.

Requirements: Associates in accounting, business, or equivalent previous experience. Supervisory experience required, payroll supervisory experience preferred. Experience with microcomputer applications required (Macintosh preferred). Experience with Cornell payroll or union payroll extremely helpful. Excellent communication and organizational skills. Ability to work accurately with large volume of detailed information. Light typing. Cornell employees send employee transfer, 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. Deadline for submitting material is October 12, 1990.

Administrative Aide, GR22 (C3918)

JGSM-Endowed

Minimum Biweekly Salary: \$625.24

Posting Date: 10/04/90

Provide administrative support for the Director of Annual Fund and the Director of Development. Execute and coordinate all aspects of direct mail campaign, gift acknowledgement letters, and reports; assist with phonathons, annual fund, and capital campaign programs and projects; generate reports and biographical information as needed via the Public Affairs system, plus updating the alumni database.

Requirements: Associate's or equivalent. Strong communication, interpersonal, and organizational skills. 1-2 years administrative/secretarial experience. Familiarity with fund raising and computers helpful. Medium typing. CU employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Svcs, EHP.

Administrative Aide, GR22 (C3916)

JGSM-Endowed

Minimum Biweekly Salary: \$625.24

Posting Date: 10/04/90

Plan and implement administrative functions for programs, conferences, major alumni and corporate lunches and dinners around the country. Design and coordinate extensive direct mail program; prepare budgets, monitor and process financial aspects related to programs; provide very broad-based administrative support under minimal supervision for the Assistant Dean, key alumni, and University staff.

Requirements: Associate's or equivalent. Strong communication, interpersonal, and organizational skills. 2-4 years administrative experience. Familiarity with word processing essential, desktop publishing desirable. Interest and/or experience in marketing and fund-raising helpful. Medium typing. Cornell employees send employee transfer application, cover letter and resume to Esther Smith, Staffing Services

Disability Notebook *Continued from page 1e*

has expanded to include staff and community members and meets twice a month. Even though the persons in this group communicate in many different ways—some use sign language, some read lips, and others use hearing devices such as hearing aids—friendships have thrived.

A vital link in providing services to students across the campus are the college/area disability representatives. This diverse group includes one or two designated persons from each school or college as well as representatives from Athletics, Residence Life, and the Office of Transportation Services. These persons provide the direct connection with faculty and staff to help insure that each student is provided with the accommodations needed to fully participate in campus life.

Students with disabilities are encouraged to participate in extracurricular activities and sports. Those who live in campus residences are provided with accommodations such as wheelchair-accessible rooms, strobe fire alarms, and amplified telephones. Transportation needs of students with mobility impairments are provided by the Office of Transportation Services.

Jobs *Continued from page 3e*

Some college coursework preferred. Minimum 1 year related experience. Strong interpersonal and organizational skills. Familiarity with academic environment helpful. Light typing. Send cover letter and resume to Esther Smith, Staffing Services, 160 Day Hall.

Senior Circulation/Reserve Assistant, GR18 (C3911)
Africana Library/CUL-Endowed
Minimum full-time equivalent: \$529.35
Posting Date: 10/04/90
Perform various duties involving circulation and information assistance; assist in training of other staff and students, and provide photocopy machine maintenance.
Requirements: High School diploma or equivalent. College coursework preferred. Minimum 1 year related experience. Public/customer service orientation including strong interpersonal and communication skills. Experience with microcomputers. Light typing. Send cov letter & resume to Esther Smith, Staffing Svcs, 160 Day Hall.

Secretary, GR18 (C3712)
ILR/Personnel & Human Resource Studies-Statutory
Minimum full-time equivalent: \$529.35
Posting Date: 9/20/90
Provide secretarial support for department faculty. Use computerized hardware and software to prepare correspondence, training materials, administrative memoranda, budgets, vouchers, etc. Make travel arrangements and appointments; process correspondence and handle mail; phone contacts. 20 hours per week to be arranged.
Requirements: High School diploma or equivalent. Some college coursework preferred. 1-2 years office experience. PC experience, familiarity with wordprocessing software, graphic software and spreadsheets. Medium typing. Send cover letter and resume to Esther Smith, Staffing Services, 160 Day Hall.

Secretary, GR18 (C3028)
Human Ecology Administration-Statutory
Minimum full-time equivalent: \$529.35
Posting Date: 8/2/90
Provide clerical and office support to the Executive Staff Assistant for the Dean of the College of Human Ecology in a very busy office with a high volume of confidential and sensitive material. Hours flexible.
Requirements: High School diploma or equivalent. 2-3 years of related office experience. Experience with IBM compatible microcomputers and familiarity with Wordperfect desired. Confidentiality, attention to detail, strong communications skills required. Send cover letter and resume to Esther Smith, Staffing Svcs, 160 Day Hall.

Accounts Assistant, GR18 (C2414)
Dean's Office, Architecture, Art & Planning-Endowed
Minimum full-time equivalent: \$529.35
Posting Date: 6/21/90
Under general supervision, assist with Dean's Office Accounting and Rome Program administration. Monday-Friday, 20 hours per week. Schedule negotiable. Until 6/30/91 contingent on funding.
Requirements: High School diploma, some college coursework with concentration in business/accounting. 1 year experience in office setting with bookkeeping/accounting responsibilities. Ability to learn Macintosh data entry and word processing. Light typing. Send cover letter and resume to Esther Smith, Staffing Svcs, 160 Day Hall.

Rights and Permissions Assistant, GR19 (C3702)
C.U. Press-Endowed
Minimum full-time equivalent: \$551.86
Posting Date: 9/20/90
Assume primary responsibility for researching and responding to permissions inquiries, determining appropriate fees and maintaining records of fees charged and income received. Assist with other rights or administrative functions as needed. Mon-Friday, flexible schedule.
Requirements: High School diploma or equivalent experience; Associate's or equivalent preferred. Strong verbal and interpretive skills. Excellent research skills. Ability to handle detailed work. Ability to work independently and to set priorities. Familiarity with IBM PCs; experience with word processing and database management desirable. Prior publishing, accounting, or legal experience helpful. Medium typing. Send cover letter and resume to Esther Smith, Staffing Services, 160 Day Hall.

Maitre'd, GR20 (C3910)
Statler Hotel-Endowed
Minimum full-time equivalent: \$575.30
Posting Date: 10/04/90
Help Banfi's Manager schedule, coordinate and manage the waitstaff to insure that proper etiquette and service is maintained in Banfi's (with exception of SHA class operations and banquet functions), to provide maximum guest satisfaction.
Requirements: Associate's in restaurant management. 2-3 years related experience. Must be familiar with all types of service. Must be committed to high standards. Be flexible in work schedule. Regular Cornell employees only. Send employee transfer application, cover letter and resume to Esther Smith, Staffing Services, EHP.

LC Cataloger, GR20 (C3714)
Catalog/Olin/CUL-Endowed
Minimum full-time equivalent: \$575.30
Posting Date: 9/20/90
Create bibliographic records for monographs, and authority records for headings based on Library of Congress copy or other acceptable copy. Monday-Friday, 20 hours per week.
Requirements: Associate's or equivalent. Bachelor's or equivalent preferred. 1 year library experience desired, technical services preferred. Ability to perform and orga-

nize detailed work. Familiarity with computers. Reading knowledge of at least 1 foreign language preferred. Light typing. 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 (S3803)
Dean's Office-Arts and Sciences
Posting Date: 9/27/90
Act as primary contact for all visitors to the Dean's Office. Assist Academic Personnel Officer with records. Provide backup secretarial support Dean's staff. Other duties as assigned. Part-time, temporary until June 30, 1991.
Requirements: High School diploma or equivalent. Some college coursework desired. 1 year administrative/reception experience. Previous experience in an academic environment preferred. Able to use word processing equipment. IBM Wordperfect 5.0. Medium typing. Send cover letter and resume to Karen Raponi, Staffing Services, 160 Day Hall.

Research Assistant (S3611)
Natural Resources
Posting Date: 9/20/90
Analyzing leg band returns for mallards, and neck collar observatory for the study of Canada geese in the Atlantic flyway. Some work on the mallard data set.
Requirements: Master's or equivalent experience in the biological sciences. Strong statistical and computing skills are a must. Utilizing D Base III, BROWNIE, AND SURVIVE. Proficiency in writing reports or publications. Presentation of materials at meetings is expected. A 6-8 month position, starting 10/1/90. Send cover letter, resume, college transcripts, and 3 references to Karen Raponi, Staffing Services, 160 Day Hall.

Distribution Assistant (S2001)
Agricultural and Biological Engineering
Posting Date: 5/24/90
Assist in distribution of publications. Enter orders in computer, print invoices, pack boxes, prepare for mailing. Assist in marketing and other office duties. Answer phones. Monday-Friday, 8-12.
Requirements: Familiarity with Macintosh computer. Able to lift 40 pound boxes. 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.

Dish Machine Operator, SO02 (G3904)
Dining-Endowed
Hiring Rate: \$6.27
Posting Date: 10/04/90
Wash dishes, utensils, pots and pans. Stock assigned areas. Monday - Friday, 40 hours per week.
Requirements: High School diploma or equivalent. Able to learn proper use of dishwashing equipment and cleaning agents. Able to lift 35 pounds. Regular Cornell employees only. Send employee transfer application to Esther Smith, Staffing Services, EHP.

Cornell Employment News

Published weekly except for one week each in January and November and two weeks in December by the Office of Equal Opportunity & the Office of Human Resources, Cornell University, 14853. Distributed free and available to staff and faculty at locations around the campus.

Mail subscriptions available US delivery third class mail at: \$9.00 for 3 months; \$15.00 for 6 months; or \$24.00 for 12 months. Make checks payable to: Staffing Services Subscription, 160 Day Hall, Cornell University, Ithaca, New York 14853.

Editors: Nancy Doolittle, Carolyn McPherson
Page Layout: Cheryl Seland, Cindy Fitzgerald
Photography: Susan Boedicker, Media Services, Photo Services, Publications

Telephone: Office of Equal Opportunity (607) 255-3976



Are You Listening? Workshop Offered in October

Do you have difficulty concentrating? Remembering? Coping with a domineering or hostile person? Do you have difficulty recalling people's names? Do "trigger" words block your comprehension? Are you guilty of using the "road blocks" that turn people off? Do you often "space out" and just pretend to listen? Can you focus on the critical substance of someone's message? Do you have a system of note taking so that you don't miss a lot of what the speaker is saying? If any of these problems are concerns of yours, find out how to develop the skills to cope in this seminar.

The Office of Training & Development is offering the workshop *Are You Listening?* on October 29 from 9:00 am - 12:00 noon. There is a \$20 charge to the department.

If you are interested in attending, send your completed registration form, found in the Fall/Winter 1990 Calendar of Workshops and Seminars, to Training & Development, 107 Day Hall.

General Service

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

Animal Attendant, S004 (B3902)
Clinical Sciences-Statutory
Hiring Rate: \$6.88
Posting Date: 10/04/90
Milk cows, clean and maintain milking equipment, feed and care for large animals, wash and disinfect stalls and walls, unload trucks, haul hay, wood, straw, wood shavings, and supplies. Transport live and dead animals. Wed-Sat 4a.-12:30pm, Sun 9am-5pm. Some holidays.
Requirements: High School education or equivalent. Basic reading and writing skills. Valid NYS drivers license. Experience working around and handling large animals is essential. Milking experience is required. Send cover letter and resume to Cynthia Smithbower.

Academic

Assistant, Associate, Full Professor
ILR/Cornell, Collective Bargaining, Labor Law, and Labor History
Fall 1991; 2 tenure track openings, level dependent upon qualifications. Require teaching and research interests in the area of collective bargaining. Requirements: Candidates at the associate of full professor level must exhibit a outstanding record of scholarly achievement. New or recent Ph.D.'s would be considered for a tenure-track assistant professorship. There is a possibility for one of the positions to be located in New York City and be associated with instruction in the ILR/Baruch Masters Program. Send vita and letters of recommendation to: Professor Harry C. Katz, Chair, Search Committee, 293 Ives Hall, ILR/Cornell, Ithaca, NY 14851-0952.

Director of Cornell Nutrient Analysis Lab (Senior Research Associate II)
Soil, Crop and Atmospheric Sciences
Manage analytical programs related to the research and extension functions of the Department of Soil, Crop and Atmospheric Sciences. Oversee routine chemical analyses, instruction of employees in analytical procedures, and the development and testing of new analytical procedures related to soils and plants as required by Department programs. Evaluate new Lab equipment, make recommendations for equipment needs, and oversee maintenance and repair of existing equipment. Responsible for budget preparation and accounting of Lab finances and provide functional and administrative supervision of all Lab employees. Conduct research and extension work in cooperation with departmental faculty.
Requirements: A Ph.D. degree with emphasis in analytical or soil chemistry or a closely related field; experience with Inductively Coupled Plasma (ICP), atomic adsorption, flame emission, automated analytical systems, and classical wet chemical procedures and knowledge of

Note: Along with the *Cornell Chronicle, Cornell Employment News* will be published on Friday, October 19, 1990, instead of on Thursday, October 18, 1990.

Food Service Worker, SO02 (G3902)
Dining-Endowed
Hiring Rate: \$6.27
Posting Date: 10/04/90
Prepare, present and serve food items for Co-op, cash, catering or special events. Mon-Fri, 40 hours per week.
Requirements: High School diploma or equivalent. 1 year related experience. Working knowledge of food preparation and presentation. Able to operate choppers, slicers, mixers, ovens, steam kettles, pressure steamers and various hand tools. Good customer relation skills. Regular Cornell employees only. Send employee transfer application to Esther Smith, Staffing Services, EHP.

Food Service Worker, SO03 (G3803)
Unions and Activities/Noyes Center-Endowed
Hiring Rate: \$6.56
Posting Date: 9/27/90
Operate electronic cash register, handle cash and credit sales, prepare and sell food items; stock and monitor inventory levels; maintain clean work area and adhere to all health department sanitation codes. 10 month position. Monday-Friday, 4 p.m.-12 p.m.
Requirements: HS diploma or equivalent. At least 1 year experience in food service operation required. Must relate well with people (excellent customer service skills) and work independently at a rapid pace. Previous experience with electronic registers and kitchen equipment required. Regular CU employees only. Send employee transfer application to Esther Smith, Staffing Svcs, EHP.

Dispatcher, SO05 (G3501)
M&SO/Customer Service Center-Endowed
Hiring Rate: \$7.19
Posting Date: 9/6/90
Receive any trouble calls, relay messages and coordinate and dispatch appropriate tradespeople and material delivery personnel, or courier/cab service as requested. The Customer Service Center is the focal point of requests for repairs, maintenance and alterations, and information about the physical plant. Mon-Friday, 7:30-4.
Requirements: High School diploma or equivalent. Experience with mainframe and personal computers desirable. Training and/or experience in public relations, sales or service preferred. Must have excellent interpersonal skills, ability to work well under pressure and strong decision making. Medium typing. Cornell 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, minorities and people with disabilities particularly encouraged to apply.

General Service Part-time

Dish Machine Operator, SO02 (G3903)
Dining-Endowed
Hiring Rate: \$6.27
Posting Date: 10/4/90
Wash dishes, utensils, pots and pans. Stock assigned areas. Shift subject to change. 30 hours per week.
Requirements: High School diploma or equivalent. Able to learn proper use of dishwashing equipment and cleaning agents. Able to lift 35 pounds. Regular Cornell employees only. Send employee transfer application to Esther Smith, Staffing Services, EHP.

General Service Temporary

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

Cooks (S3518)
Nutritional Sciences
Prepare, weigh, and measure food. Two temporary positions. 15-20 hours per week. October 1-December 12. Send cover letter and resume to Karen Raponi, Staffing Services, 160 Day Hall.

Custodian
Building Care-Endowed/Statutory
Temporary Rate: \$5.00
Continuous recruitment will be done in the department of