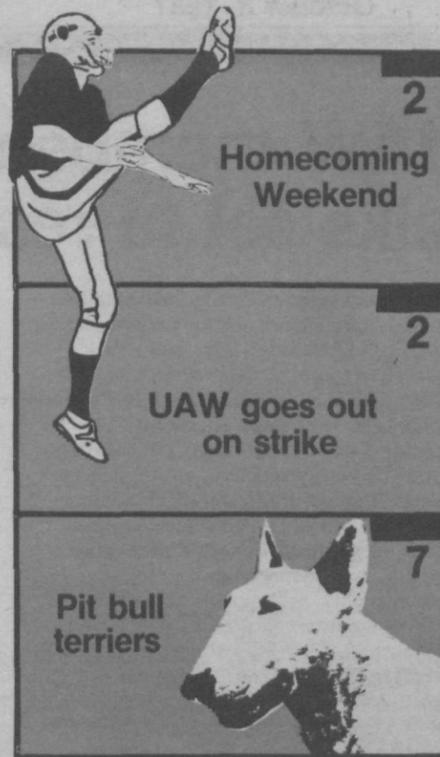


Cornell CHRONICLE

Volume 19 Number 7 October 8, 1987



Shires new Medical College dean

Dr. G. Tom Shires, professor and chairman of the Department of Surgery at Cornell Medical College and surgeon-in-chief at the New York Hospital, has been named provost for medical affairs of Cornell University and the Stephen and Suzanne Weiss Dean of Cornell University Medical College effective Oct. 26.

Dr. Shires succeeds Dr. Thomas H. Meikle Jr., who will become president of the Josiah Macy Jr. Foundation.

In announcing the appointment, President Frank H.T. Rhodes said, "I am delighted that Tom Shires has accepted the position of provost for medical affairs and dean of the Medical College. Dr. Shires, one of the world's most distinguished surgeons, has earned the confidence and respect of everyone at the Medical College during his 12 years as chairman of the department. His appointment marks an important new stage for the Medical College, and I look forward with enthusiasm to working with him."

Richard Tucker, chairman of the Board of Overseers of Cornell University Medical College, said, "My colleagues and I on the Board of Overseers are very enthusiastic about Dr. Shires' appointment. He is an accomplished surgeon and an experienced administrator. The Cornell University Medical College is fortunate to have the benefit of his leadership during this time of great transition in health care and medical education."

Dr. Shires said, "I hope to be able to contribute to the continuing search for excellence at this outstanding academic medical center."

Dr. Shires, who will remain chairman of the Department of Surgery, is an internationally recognized authority on burn and trauma surgery and fluid management of surgical patients. He joined Cornell Medical College in 1975 as the Lewis Atterbury Stimson Professor and chairman of the Department of Surgery.

Continued on page 8



Dr. G. Tom Shires

New education initiative grants awarded to 20

Putting more than 100,000 art and architecture slides on a videodisc, creating a self-paced "auto-tutorial" on genetic engineering and introducing freshman premed students to realities of medical practice are among 20 faculty proposals that will see life through the President's Fund for Educational Initiatives.

The round-two winners were chosen from 60 submissions, according to an announcement made last week by Larry I. Palmer, vice president for academic programs.

"These are incentive grants that can't in themselves change all undergraduate education," Palmer said. "What they can do is show faculty that the central administration is eager to keep alive interest in undergraduate innovation."

Winning proposals vary greatly

Winning proposals varied greatly in complexity, cost and focus, a diversity invited by President Frank H.T. Rhodes when he disclosed last year that anonymous donations had made possible the granting of \$1 million a year "to enrich the undergraduate experience at Cornell."

Yet selection of the slides-to-videodisc, genetic-engineering and premed-seminar proposals do suggest broad types that were successful in round two, which awarded the second half of the first \$1 million in grants:

- Making existing material more accessible. The College of Architecture, Art and Planning has accumulated the 300,000 slides over a century. They already are used by students and scholars all over the university, but only one slide at a time and one user at a time. Under a \$60,000 three-year grant to architecture Professor John P. Shaw, many of the slides will be transferred to videodisc so that image and text will become instantly and simultaneously accessible through computer terminals anywhere on campus.

- Making burgeoning knowledge more digestible. Because of the explosion of knowledge and interest in recombinant DNA, standard courses cannot accommodate the widely varied needs and backgrounds of Cornell students. Those focussing on law, business, journalism, policy making and sciences other than biology need different parts of that knowledge. Jane Gibson, professor of biochemistry, molecular and cellular biology, got a \$6,012 grant to buy a computer and create a program that any person can enter from any perspective and use at his or her own pace.

- Creating new courses. The premed seminar, which will be part of the freshman writing program, was proposed by Sander Gilman, who developed a humanities course for second-year students at Cornell Medical College. Gilman has taught German literature, the history of psychiatry and philosophy of science; and he will bring his diverse background to bear on this course. It will develop 10 case studies, each approaching one medical problem (such as what is appropriate treatment) both historically and in a current context. The funding is for \$30,250.

Sweeping effects foreseen

Some winning proposals will have sweeping effects on a sizable segment of under-

New computers to aid ILR personnel research

Cornell has received a new computer system from International Business Machines Corp. to accelerate joint research on how to use computers to provide business and industry with faster and more accurate tools in human resource management.

Under a second three-year contract, the Department of Personnel and Human Resource Studies in the School of Industrial and Labor Relations received nearly \$1 million of IBM's latest System 2 computers and software.

Cornell will use the computers for teaching and research in such areas as making long-range forecasts of employment

requirements, controlling health care costs and turnover, and a host of other personnel matters, said Richard J. Jacobs, director of the school's Center for Advanced Human Resource Studies.

IBM and Cornell started exploring the use of computers in personnel decisions under a contract announced in 1984. The new three-year agreement replaces older IBM personal computers and software.

The Cornell-IBM research is developing ways in which computers can be used by personnel departments in recruiting, labor negotiations, pension administration, training planning and costing out company

fringe benefits, according to John W. Boudreau, an associate ILR professor.

Jacobs said that Cornell's findings will be made available to other academic institutions and professionals.

Robert E. Doherty, dean of the Industrial and Relations School, said the human resource computer studies "will improve the quality of our outreach efforts by bringing our faculty in direct contact with the people on the cutting edge of human resource management. We should know about the creative things they are doing, and they should know about our research."

— Albert E. Kaff

Most child abuse claims unfounded, new study of state cases indicates

Two-thirds of reports charging child abuse and neglect in New York State are unfounded, according to a Cornell study.

The number of child maltreatment allegations in the United States rose to a record 1.7 million in 1984. But in New York State, for example, the proportion of reports that were confirmed dropped from more than 50 percent in 1974 to 35 percent in 1984, John Eckenrode reports in a paper to be published in the *Journal of Consulting and Clinical Psychology*.

Less than 10 percent of all child maltreatment reports involve physical or sexual abuse; more than 90 percent involve neglect only, said Eckenrode, an assistant professor of human development and family studies.

Prompted by concerns that child maltreatment reports were escalating beyond the current capacity to protect children, Eckenrode and colleagues Jane Levine-Powers, John Doris, Joyce Munsch and Niall Bolger studied a representative sample of 1,874 neglect and abuse reports filed in New York State during a five-month period in 1985. Their work was funded by a federal agency, the National Center for Child Abuse and Neglect.

While the increasing numbers of child

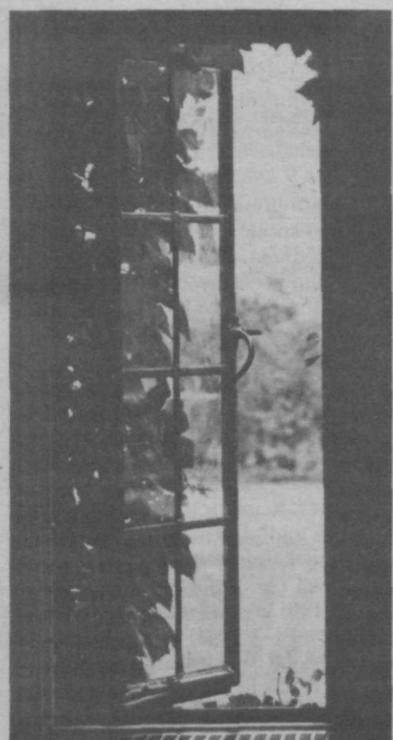
abuse and neglect accusations indicate that "efforts to educate the public have paid off and we're uncovering more child maltreatment, the high level of unfounded cases shows that the public may be expanding the definition of maltreatment beyond the legal definition," Eckenrode suggested.

"Although most reports do not uncover evidence of maltreatment, they are not necessarily maliciously false," he said. "Most reflect genuine concerns based on reasonable suspicions."

"But social service agencies are finding it difficult to deliver services to children known to be maltreated while investigating an increasing number of reports. There should not be a formula stating how many false reports will be tolerated to uncover each verified case, but we must keep the rights of both parents and children in mind," he added.

In the study, an accusation was considered substantiated if the investigating agency found "credible evidence" and determined that some action and assistance to the family was required; it was not necessary for legal charges to be filed, Eckenrode explained.

— Mark Eyerly



Claude Levett
A window in Myron Taylor Hall overlooking the law school quad.

Continued on page 8

UAW members go on strike; talks set to resume Friday

The union representing Cornell's 880 service and maintenance workers rejected the university's latest wage offer and struck Wednesday morning. But the federal mediator has called the two sides back to the bargaining table on Friday afternoon.

Senior Vice President James E. Morley Jr. said university officials "are very disappointed" that the leadership of the union, Local 2300 of the United Auto Workers, did not recommend Cornell's latest wage offer during a membership meeting on Tuesday night.

"We are convinced that a strike serves no one's purpose — neither those represented by the UAW nor anyone associated with Cornell," Morley said in a statement issued to university deans, directors and department heads.

He went on to explain that the university administration had contingency plans for dealing with the effects of a strike and was "prepared to provide essential services to the campus as best we can for as long as we have to."

Basic services limited

Separately, officials said that the following basic services will continue to be provided, although on a somewhat limited scale:

- Campus bus service will operate on the usual schedules.
- Dining facilities at Willard Straight Hall, Robert Purcell Union, Noyes Center, One World Room and the Commons Coffee House will be open, but the other, smaller units will not be operating.
- U.S. mail and campus mail will be distributed.
- Limited custodial services will be provided.

Morley said university officials "are gratified that nearly 50 percent of the employees in the bargaining unit were at work" on Wednesday, the first day of the strike.

At the same time, Morley said university officials were "extremely disappointed by the behavior of strikers and others who have harassed students and fellow employees."

"The union's leadership has publicly stated that this will be an 'aggressive strike.' It is exactly that," asserted Morley, the university's top non-academic administrator.

He said that "violent or aggressive behavior or threats of such behavior are unacceptable and do nothing to further the cause of the strikers or any other members of the university community."

Unruly incidents

Separately, university sources said that several false fire alarms had been turned in during the day, and that there were reports of vandalism ranging from damaged vehicles to broken windows and lavatory

fixtures.

There also were reports of egg- and rock-throwing incidents involving strikers and their supporters.

One person was arrested at 7 a.m. in connection with damage to a delivery truck near Willard Straight Hall. Lois J. Billups of 317 Clinton Ave., Groton, a Cornell custodian in university facilities at East Hill Plaza, was charged with harassment and is scheduled to appear in Ithaca City Court at 9:30 a.m. on Oct. 26.

No work was conducted at campus construction sites because construction workers honored the picket lines.

Cornell's final offer

Morley stressed, "From the beginning of these negotiations, Cornell has bargained in absolutely good faith." He said that the university's position has consistently been that, "As much as we value the services" of the workers covered by the contract with the UAW local, "it would be unfair to all other non-academic employees if we provided this particular group a greater percentage increase in the salary pool than the roughly 5 percent that other non-academic employee groups at the campus received this year."

He noted that the wage increase still being sought by the union "is roughly two and a half times that provided to other non-academic employee groups."

In his statement, Morley outlined "Cornell's latest and, I should stress, final offer presented to the union's leadership at negotiating sessions on Oct. 1 and Oct. 6." He said the offer "represented a significant modification of our earlier proposals," increasing the base for current bargaining unit employees in future years by more than \$120,000 — and including a retroactivity provision.

The university responded to concerns about the wages of individual employees at the lower end of the salary grades by restructuring the package to provide an 8.8 percent increase this year for those employees.

"Had the UAW leadership recommended our package, all UAW employees — both statutory and endowed — would receive a 45-cent-per-hour increase in their salaries. Previous proposals would have provided 35 cents per hour," Morley said.

"Under this proposal, each endowed employee in the bargaining unit would receive a 25-cent-per-hour increase retroactive to July 2, 1987, with the remaining 20 cents effective on Dec. 31, 1987. Each statutory employee in the bargaining unit would receive the full 45-cent increase retroactive to July 2, 1987, with two additional lump-sum payments of \$250 in October and December 1987."

He also noted that "more than 40 percent of the members of the bargaining unit are paid more than the stipulated maximum for



Claude Levett

Members of UAW Local 2300 and supporters rally outside Willard Straight Hall on Wednesday at noontime. The union went out on strike at midnight Tuesday.

their positions in the UAW contract. Our efforts to provide an 8.8 percent increase for the employees at the lower end of the salary grade were rejected during discussions with the UAW leaders. The UAW continued to insist that all employees in the bargaining unit — including those paid over the stipulated maximums — should receive the same across-the-board increases."

Ready to resume bargaining

Morley called the salary scale for Cornell's service and maintenance employees "competitive with other Upstate institutions, including the University of Rochester and Syracuse University."

He also said that Cornell's offer topped the pay increases of 3 to 4 percent that those institutions gave "their corresponding groups of employees this year" and the

scheduled minimum and maximum for corresponding positions in the public sector locally.

"For all of these reasons, we are extremely disappointed that the union continues to insist on an increase roughly two and a half times that provided other non-academic employee groups," Morley said.

He ended his statement by saying that university officials "are ready to return to the table. We hope the union's leadership will be willing to resolve these issues at the table to avoid dislocation of the university's operations and the students we serve."

The two sides are negotiating only to establish pay scales which would be effective for one year from last July 1 under a wage-reopener clause in the current contract, which expires next June 30. A complete collective bargaining agreement would be negotiated next year.

Briefs

■ **Writing workshop walk-in service offered:** Free tutorial instruction in writing is offered at the following times and places: Monday-Thursday, 3:30-5:30 p.m. and 7-10 p.m., 174 Rockefeller Hall; Sunday, 2-8 p.m., 174 Rockefeller Hall; Sunday-Thursday, 10-midnight, 340 Goldwin Smith; Sunday-Thursday, 7-10 p.m., McFaddin Hall-Computer Room; and Sunday-Thursday, 7-10 p.m., Clara Dickson Room-Computer Room.

■ **Volunteers sought for course on controlling hypertension:** Registration for volunteers for a free course on controlling hypertension is open through Oct. 16 at the Gannett Health Center. Three two-hour sessions in relaxation training, followed by individual sessions to assess progress will be

offered beginning Oct. 27 by Mark Sammo, a registered nurse who is conducting master's degree research on the effects of progressive relaxation on lowering blood pressure. Pre-course interviews and blood pressure tests will be conducted by Sammo the weeks of Oct. 12 and Oct. 19 at the Health Center. To register, call 257 7805 and speak with Sammo or leave a recorded message any time before Oct. 17.

■ **Johnson Museum receives \$17,500 grant:** The federal Institute of Museum Services has awarded the Herbert F. Johnson Museum of Art a \$17,500 grant for a survey to develop conservation priorities for the museum's photography collection. The collection, which now numbers some 2,500 works, has "grown impressively in the last few years," according to the museum's director, Thomas W. Leavitt. The grant will "provide for proper care and conservation of the collection now, before it becomes too large to manage," he said.

■ **Arts college senior wins \$50 peace prize:** Ethan Oelman has won the 1987 Kasdan-Montessori Peace Prize for the best term paper in Government 384. His paper was titled "War and Peace in the Nuclear Age." The award includes a \$50 cash prize.

■ **First woman president of New York Bar Association to speak here:** Maryann Saccomando Freedman, currently serving as the first woman president of the New York State Bar Association, will discuss current and anticipated issues facing the legal profession in an era of high technology when she speaks at 4 p.m. on Oct. 14 in the Moot Court Room of Myron Taylor Hall. Freedman, who has practiced both private and public law in the Buffalo area for 35 years, also will be the principal speaker when Albert C. Neimeth, associate dean of alumni affairs and placement for the Cornell Law School, is installed as president of the Tompkins County Bar Association at a dinner to be held at La Tourelle on Oct. 14.

■ **Bloodmobile at Willard Straight Hall Oct. 12 and 13:** Walk-in donors are welcome at the Red Cross Bloodmobile scheduled in the Memorial Room of Willard Straight Hall from 10 a.m. to 3:45 p.m. on Oct. 12 and 13. For appointments, call 273 1900.

Homecoming festivities set

More than 5,000 alumni are expected to return to campus for Saturday's Homecoming football game against Harvard and for an array of events spanning the weekend.

While individual colleges, fraternities and sororities and special-interest groups will play host to events, the big all-alumni gatherings will be held at Barton Hall before and after the game.

From 11 a.m. to 1 p.m., there will be a barbecue lunch at which more than 800 people are expected; 25 student organizations will be on hand to talk with alumni; and there will be brief, pre-game performances by the Glee Club, the Big Red Band, Alumni Band, cheerleaders and the Cornell Bear.

After the game, from about 4 to 6 p.m., there will be a concert by the Big Red Band and alumni band and conversation with Athletic Director Laing Kennedy and football Coach Maxie Baughan.

Homecoming coincides with Federation Weekend. From Thursday almost till game time Saturday, there will be meetings involving the board of the Federation of Cornell Clubs, club officers from around the country, alumni association boards and class officers. A joint banquet Friday night, at Willard Straight Hall, will be addressed by President Frank H.T. Rhodes.

During the football game, winners of the alumni banner contest will be announced.

The banners, to be hung inside Schoellkopf Stadium, will be judged for humor, art, overall accomplishment and aptness for Homecoming.

Alumni families and children will be offered a special admissions and financial-aid program at 9 a.m. on Saturday in the Kaufman Auditorium of Goldwin Smith Hall.

Individual programs start at 9:30 p.m. for the Colleges of Agriculture and Life Sciences, Engineering, Human Ecology and Veterinary Medicine and for the Law School.

The Glee Club Homecoming Concert, including alumni soloists, will be held at 8:15 p.m. on Saturday in Sage Chapel; and the Symphonic Band Concert, at 4 p.m. on Sunday in Bailey Hall.

The Rugby Club will hold a homecoming blues party beginning at 9 p.m. on Saturday at 1668 Trumansburg Rd., and club alumni will play Collegiate XV on Helen Newman Field at noon on Sunday.

A religious service will be held at Sage Chapel at 11 a.m., with Colgate faculty member Donald Berry giving the sermon.

Information on all events, including ticket purchases, is available from 9 a.m. to 5 p.m. at the Information and Referral Center in the main lobby of Day Hall; the hotline phone number is 255 6200.

— Sam Segal

Cornell CHRONICLE

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

Published 40 times a year, Cornell Chronicle is distributed free of charge to Cornell University faculty, students and staff by the University News Service. Mail subscriptions, \$25 per year; two-year subscriptions are \$45. Make checks payable to Cornell Chronicle and send to Cornell News Service, 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 News Service, 840 Hanshaw Road, Ithaca, N.Y., 14850.

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

Engineers' balloons probe prairie weather

Using more than 100 balloon flights launched above a Kansas prairie during the next two weeks, Cornell Professor of Civil and Environmental Engineering Wilfried Brutsaert and his colleagues will add another few pieces to the intricate puzzle of global climate and water balance.

Brutsaert is part of a team of scores of scientists conducting a two-year study of the 8,600-acre Konza Prairie research site near Manhattan, Kans., under the auspices of the National Aeronautics and Space Administration. The biologists, ecologists, physicists and engineers are using a coordinated array of satellites, aircraft, balloons and ground measurements to gather masses of data on prairie weather and hydrology.

Grasslands' effect on atmosphere

Their aim is to understand in detail how grasslands, which comprise a significant fraction of the earth's land surface, affect atmospheric circulation.

Until now, the massive computer models of weather and global climate have depended largely on assumptions about air flow, heat flux, and evaporation over various landforms.

The NASA-managed International Satellite Land Surface Climatology Project (ISCLP), of which the Konza study is a part, aims at linking satellite data and

ground data to make the satellite a more powerful device for weather-forecasting or the study of climate and other environmental concerns.

Atmospheric boundary studies

While other scientists at Konza have concentrated on monitoring infrared, thermal or microwave radiation, or on soil moisture and vegetation studies, Brutsaert is interested in the temperature, humidity and winds just above the earth's surface in what is called the atmospheric boundary layer.

The heat transfer from the prairie surface is drastically affected by the surface hydrology, that is, the flow of water vapor from the ground and plants which, in turn, is affected by the state of plant cover.

Brutsaert's instrument of choice is the radiosonde, which is launched aloft by a free-flying balloon. This valuable tool, in use for over half a century, has recently been developed to a point where accurate atmospheric profiling with fine resolution has become possible.

Eight launchings a day

In October, as in previous studies, the Cornell researchers will launch a balloon eight times a day, record transmissions of pressure, humidity and temperature from the balloon and track it to determine wind velocity.

These data will prove immediately useful to the scientists at Konza, to help forecast the weather for airplane missions, and to provide data to correct the satellite observations of the earth's surface for the effects of the intervening atmosphere.

However, Brutsaert indicated that the Cornell data also will find broader use in computer models of climate and climate.

"For these models to be effective, we need appropriate formulations for governing physical laws over areas covering hundreds of square miles," he said. "We are gathering data to test the much-needed relationships for land-surface processes involving wind, water vapor and temperature at these scales."

The prairie probe is only the latest in a series of studies that the Cornell researchers are conducting on different landforms around the world. They already have studied the atmospheric boundary layer above the hilly terrain of the pre-Alpine region of Switzerland and above a forested region in southern France.

After the Konza effort, there is hope that such balloons will fly over the starkly contrasting boreal forests of Canada or the Soviet Union, the Sahel region of Africa or the tropical rain forests of the Amazon.

— Dennis Meredith



Wilfried Brutsaert, right, and Cornell post-doctoral fellow Michiaki Sugita prepare to launch a balloon last August above the Konza prairie.

'Leash laws,' better breeding urged to curb pit bulls

Outlawing pit bulls won't solve the vicious dog problem, according to Cornell animal-behavior specialists. The fact that pit bulls are a mongrel mixture makes an all-out ban unenforceable, and it might even lead to the destruction of gentle family pets.

A more logical approach, the experts say, is better enforcement of existing "leash laws," together with surgery, drugs, behavior modification or — for particularly unmanageable animals — euthanasia.

In the long term, the animal behaviorists maintain, better breeding practices will improve the reputation of the increasingly popular (and widely feared) pit bull.

Undeserved bum rap

"Pit bull hysteria" is giving an undeserved bum rap to the pit bull-like canines such as Spuds MacKenzie, the terrier star of the light beer commercials, said Dr. Dale D. Olm. A Manhattan veterinarian and visiting lecturer at the College of Veterinary Medicine, Olm has observed fighting pit bulls in the alleys of New York as well as family-owned pit bulls in his clinic.

"There are vicious and aggressive dogs in just about any breed you can imagine including your typical family dogs, the Labrador and golden retrievers," explained Olm. "If chihuahuas were as big as pit bulls, we'd have a real problem. There are sweet, gentle pit bulls and they make good family pets."

The veterinarian said pit bulls are not over-represented — in proportion to their numbers — in biting incidents in the United States. But they have come to public atten-

tion because of the severity of their bites.

"They can be dangerous because of their size and the strength of their jaws. They're less sensitive to pain and when they do bite, they tend to hang on. They tend to be tenacious," Olm said, dismissing as a "myth without physiological basis" the notion that pit bull jaws lock on their prey.

"There are vicious and aggressive dogs in just about any breed you can imagine. If chihuahuas were as big as pit bulls, we'd have a real problem. There are sweet, gentle pit bulls and they make good pets."

— Dr. Dale D. Olm

"Every time a dog has become popular as a guard dog, we have a problem with some vicious strains," said Dr. Katherine A. Houpt, professor of veterinary physiology with years of experience treating unmanageable animals. "Within any breed, there are some strains that are more aggressive than others."

The so-called pit bull has the potential for aggressiveness, both Olm and Houpt agree, and without proper training that potential can result in viciousness. The animal is a mongrel mixture of the Staffordshire terrier, the American bull terrier and several other breeds including rottweilers, doberman pinschers and boxers.

"They aren't necessarily predisposed to being aggressive, although being a terrier

type they are based on stock that had been used for fighting and hunting and rodent control," said Olm. "Unfortunately, many people exploit the aggressiveness and the tenacious tendencies to make it into a vicious animal."

Mixed ancestry

The mixed, uncertain ancestry of pit bulls makes them difficult to legislate against, according to Dr. Olm. "First of all you have to define the breed. The typical pit bull on the street is not a pure bred dog. Do you extend the definition to the terriers, the rottweilers? And how do you define what is a responsible dog owner versus an irresponsible one?"

Some municipalities have reacted to the "pit bull problem" with requirements for exorbitant insurance coverage, mandatory neutering, or age minimums for owners walking the dogs in public. "That puts great restrictions on responsible pet owners who are breeding pure bred dogs that don't have vicious tendencies in them," said Olm.

Leash laws already are in place in virtually every American municipality, Dr. Houpt said, and those laws should be strictly enforced. Keeping dogs behind fences and on leashes is the surest way to protect the public, she said.

If a dog bites, it should be castrated or spayed so it will not produce additional aggressive dogs, Drs. Houpt and Olm advised. Castration of male dogs also reduces aggression to some extent, Houpt said, noting that most vicious dogs are males, not females. Neutering a male dog stops the production of testosterone, the hormone

that activates a male dog's predisposition to aggressiveness.

Breeding for better temperaments

Drug treatment can help control aggressive dogs, Houpt said, although drugs can produce side effects such as diabetes. Behavior modification rarely cures truly vicious dogs, but can improve their relationships with humans. She said that euthanasia — destroying the dog humanely — is the only way to guarantee that a vicious dog will not bite again.

Neutering or euthanasia also prevents the dog from passing on to future generations what Dr. Olm calls its "poor genetic material," its aggressive tendencies. On the positive side, selective breeding for non-aggressive tendencies improves the breed over the long term, Dr. Houpt said. That has been her experience with springer spaniels.

"They aren't necessarily predisposed to being aggressive, although being a terrier type they are based on stock that had been used for fighting."

— Dr. Dale D. Olm

"Because of its behavioral legacy and because people are willing to exploit the breed, the pit bull is a problem," Dr. Olm said. "Take away the people and breed the dog well — as they did with the doberman pinscher over the past 10 or 15 years — and you could have a very, very good dog."

— Roger Segelken

Barton Blotter: Impersonator booked

Mark Wayne Raifsnider of Chalfont, Pa., was charged with criminal impersonation when he attempted to pick up reserved football tickets before the Lafayette-Cornell game Oct. 3 using a false name, according to the morning reports of the Department of Public Safety for Sept. 28 through Oct. 4. Raifsnider was released on \$50 bail for appearance in Ithaca City Court at a later date.

Twelve thefts involving \$2,628 in cash and valuables were reported; four were of wallets with cash losses set at more than \$200. Other thefts included a \$475 computer printer stolen from Sheldon Court, a \$200 microwave taken from University Hall No. 3, five chairs worth \$575 stolen from Morrison Hall and \$250 in ball point pens taken from the Sage Hall Career Center.

Four persons were referred to the judicial administrator during the five-day period, three for disorderly conduct and one for petit larceny.

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



ARTS QUAD CRISSCROSS: A trio traverses the Arts Quad on an unusually quiet morning.

Claude Levett

CALENDAR

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

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

Notices should also include the sub-heading of the calendar in which the item should appear.

The Fourth World: An original performance art piece by Dinosaur. Oct. 9, 10 and 11, 8 p.m.. A four-part work based on Native American cosmologies and teachings that brings together the talent of more than 30 artists and incorporates multimedia and multidisciplinary visual arts, recordings and live action. This is the first opportunity in Ithaca to see the entire piece. Also performing in the piece are The Burns Sisters, Caprice Fox and Maurice Halton and the Percussion Ensemble. Tickets are \$4 general admission, \$3 museum members, \$2 for children under 16 and senior citizens.

FILMS

Faculty, campus departments and organizations are invited to submit co-sponsorship proposals to Cornell Cinema for the Spring semester. The deadline is Oct. 15. Please call 255-3522 for applications or more information.

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

Thursday, 10/8

"The Magician." (1958), directed by Ingmar Bergman, with Max Von Sydow, Ingrid Thulin and Gunnar Bjornstrand, 8 p.m., Uris.

"And That is Why the State is to Blame," directed by Frank Diamand and Jan van der Putten, 8 p.m., Anabel Taylor.

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

Friday, 10/9

"Betty Blue." (1986), directed by Jean-Jacques Beineix, with Beatrice Dalle and Jean-Hughues Anglade, 9:20 p.m., Uris.*

"Blind Date." (1987), directed by Blake Edwards, with Kim Basinger, Bruce Willis and John Larroquette, 8 p.m., Anabel Taylor.*

"Brazil." (1985), directed by Terry Gilliam, with Jonathan Pryce, Michael Palin and Kathryn Helmond, midnight, Uris.*

"The River's Edge." (1987), directed Tim Hunter, with Crispin Glover and Dennis Hopper, 7 p.m., Uris.*

Saturday, 10/10

"Scarlet Street." (1945), directed by Fritz Lang, 2 p.m., Johnson Museum, Cornell Cinema and Johnson Museum members only.

"Betty Blue," 7 p.m., Uris.*

"Blind Date," 7:30 & 9:45 p.m., Anabel Taylor.*

"Brazil," midnight, Uris.*

"The River's Edge," 9:45 p.m., Uris.*

Sunday, 10/11

"Blind Date," 9:30 p.m., Anabel Taylor.*

Expanding Cinema: 1987 Whitney Biennial Film Exhibition: "Before The Rise of Premonition," Susan Kouguell and Ernest Marrero; and "Landscape Suicide," James Benning, 2 p.m., Johnson Museum, co-sponsored with CCPA.

Monday, 10/12

"The River's Edge," 8 p.m., Uris.*

Tuesday, 10/13

"Straight to Hell," (1987), directed by Alex Cox, with Sy Richardson, Joe Strummer and Courtney Love, 8 p.m., Uris.*

"Maybe Woman Are More Economical," introduction and follow-up discussion with Christine White, Asian Studies, 4:30 p.m., 310 Library Media Center.

"An Indian Pilgrimage: Kashi," documentary, 5 p.m., Uris Library, South Asia Film Series.

Wednesday, 10/14

"The End of St. Petersburg," (1927) directed by V.I. Pudovkin, with Vera Baranovskaya, musical accompaniment by David Borden, 8 p.m., Uris, co-sponsored with Marx-Lenin Institute.*

LECTURES

China-Japan Program

"The Fertility Decline in China," Dudley Poston, Sociology, University of Texas at Austin, Oct. 12, 3 p.m., 32 Warren Hall. en

"Mao's Republic," David Apter, Political Science, Yale University, Oct. 15, 4:30 p.m., 374 Rockefeller Hall.

Comparative Literature

"Poets at Sea: Metaphors for Poiesis in Horace, Mallarme and Cesaire," N. Gregson Davis, Stanford University, Oct. 8, 4:30 p.m., 156 Goldwin Smith.

Cornell Christian Forum

"Art, Science and Faith: A Good Mix," Mel Lorentzen, associate director of the Billy Graham Center, Oct. 9, 8:15 p.m., Founder's Room, Anabel Taylor Hall.

English

"Wordsworth, Deconstruction and Historicism," Frances Ferguson, English, University of California at Berkeley, Oct. 8, 4:30 p.m., "D" Goldwin Smith Hall.

"Low Romantic Argument: Wordsworth and the Institutions of Romanticism," Oct. 8-10, A.D. White House: "Fragments, Origins, Ironies," Oct. 9, 2:30 p.m.; "The Rhetoric of History," Oct. 10, 9:30 a.m.; "English Institutions," Oct. 10, 11:30 p.m.; "Gothic and Gender," Oct. 10, 2:30 p.m.; and "Writing Romantic Lives," Oct. 10 4:30 p.m. Co-sponsored by the University Lectures Committee, the College of Arts and Sciences, the Society for the Humanities and the English Department Literature Club.

Law School

Topic to be announced, Maryann Saccomando Freedman, president of the New York State Bar Association, Oct. 14, 4 p.m., Moot Court Room, Myron Taylor Hall.

Libraries

"Frank E. Gannett: A Publisher in Politics," Richard Polenberg, Oct. 8, 4 p.m., Hans Bethe Auditorium, Clark Hall.

Materials Science and Engineering

"The Pair-Potential Approach for Interfaces: Fundamental Problems and Practical Solutions," Neil Ashcroft, Oct. 8, 4:30 p.m., 140 Bard Hall.

"Optical Fibers," David Thompson, Corning Glass, Oct. 15, 4:30 p.m., 140 Bard Hall.

Near Eastern Studies

"Acontextual Approaches to the Bible: A Critique," Rob Oden, Oct. 13, 4:15 p.m., 374 Rockefeller Hall.

Theoretical and Applied Mechanics

"Pulse Propagation in Visco-Elastic Materials," Allen C. Pipkin, Applied Math, Brown University, Oct. 14, 4:30 p.m., 205 Thurston Hall.

South Asia Program

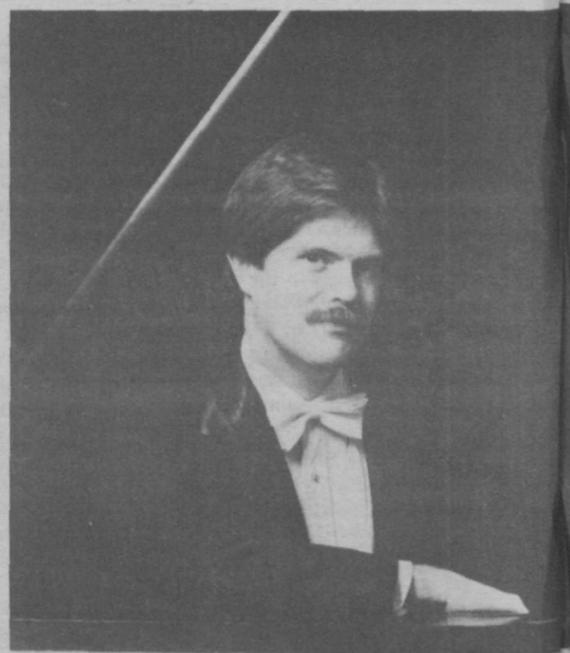
"The Evocation Of Emotion In Bengali Religious Performance," Donna Wulff, Brown University, Oct. 14, 12:15 p.m., 153 Uris Hall.

University Lectures

"Posture and Principle: The Roman Response to Hellenism," Erich S. Gruen, History, University of California at Berkeley, Oct. 12, 4:30 p.m., Hollis E. Cornell Auditorium.

"Fables of Classical and Jewish Antiquity," David Daube, Law, University of California at Berkeley, Oct. 13, 4:30 p.m., Hollis E. Cornell Auditorium.

"Genetics and Evolution of Reproduction in Plants: A Lesson from Wild Tomato," Charles Rick, Genetics, University of California at Davis, Oct. 13, 4:30 p.m., 110 Ives Hall.



Duo pianists Cameron Grant and James Winn, who have been growing up in Denver, will play works by free concert in Barnes Hall on Oct. 13. Jonathan Shamm...

DANCE

Folkdancers

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

Meeting set for Oct. 10, 6:30 p.m. Agenda includes the treasurer's report, workshop and holiday party planning, sound system, Saturday dancing and events for next semester. Instruction and requests, 7:30-10:30 p.m., North Room, Willard Straight Hall.

Swing and Jitterbug

Dancing every Wednesday evening from 8:30 - 10 p.m., Edwards Room, Anabel Taylor Hall. Instructor will be present. Partners are not needed. For more information, call 273-0216.

EXHIBITS

Ives Hall Exhibition Cases

The Specter of Child Labor can be seen in the Ives Hall classroom wing exhibition cases through the month of December.

Johnson Art Museum

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

8 New York Artists: An exhibition organized by the Kenkeleba House, Inc., New York City continues through Oct. 25, featuring the work of eight mature artists living and working on New York City's Lower East Side. The eight artists are: Al Copley, James Bohary, Herman Cherry, Dorothy Dehner, Reuben Kadish, Elaine de Kooning, Richards Ruben and Edvins Strautmanis.

Art Department Faculty Exhibition: Recent works of art by current and emeriti professors comprise this annual exhibition, which continues through Oct. 18. Works in various media, including watercolor, photography, sculpture and oil, are on view.

Two Icelandic Artists: An exhibition featuring two leading Icelandic women artists, Nina Tryggvadottir and Louisa Matthiasdottir, continues through Oct. 25.

Artbreaks: Box Lunch Thematic Tours: Every Thursday at noon during the month of October. Admission is free. Meet in the museum lobby. "Reading Art, Speaking Art: The Visual Element." Explore the basic principles artists use to create works of art, including line, shape, color and texture, Oct. 8. "Looking at Nature." Explore the history behind landscape painting, popular movements in the genre and the place of landscape in art today, Oct. 15. For more information, call 255-6464.

MUSIC

Bound for Glory

Christine Lavin, a social commentator from New York City, joins Bound for Glory for "off the wall, magic music." Bound for Glory presents three live sets, at 8:30, 9:30 and 10:30 p.m., every Sunday at the Commons Coffeehouse, Anabel Taylor Hall. Admission is free and children are welcome. The show can also be heard live on WVBR-FM93.

Cornell Folk Song Club

Anne Hills, a folk singer from Chicago, will perform Oct. 10, 8:30 p.m., Kaufmann Auditorium, Goldwin Smith Hall. Hills first gained national attention as a member of the trio the Best of Friends, with Tom Paxton and Bob Gibson, which toured the U.S. and Great Britain from 1983 to 1985. Advance tickets are \$5 and will be available at the Commons Coffeehouse in Anabel Taylor Hall, Rebob Records in Collegetown and Borealis Books downtown.

Department of Music

Cornell Glee Club, Thomas Sokol conducting, will perform works by Debussy, Mozart, Bieble; and the Cornell Song for the Homecoming Concert, Oct. 9, 8:15 p.m., Sage Chapel.

Cornell University Symphonic Band, Marice Stith conducting, will perform Oct. 10, 8:15 p.m., Bailey Hall.

Elizabeth Alexander will present her doctoral recital composition, Oct. 9 at 8:15 p.m. in Barnes Hall auditorium. Two of the four pieces will be solos; Mark Simon will perform two pieces for clarinet and the composer will play "Autumn Accumulations" for piano. Two other selections on this program will be for six-member ensembles with the composer conducting. Admission is free.

"E.G.," a musical portrait of Emma Goldman by Leonard Lehrman, will be performed by the composer and Helen Williams; Oct. 12, 8:15 p.m., Barnes Auditorium.

Piano-duo: Cameron Grant and James Winn, assisted by Jonathan Shames. Works by Britten, Debussy, Brahms; and Diana MacIntosh, Oct. 13, 8:15 p.m., Barnes Auditorium.

Masterclass with Cameron Grant and James Winn, duo pianists, Oct. 14, 4 p.m., Barnes Auditorium.

RELIGION

Sage Chapel

Donald L. Berry, faculty, Colgate University, will open the service at Sage Chapel, Oct. 11, 11 a.m.



...been performing together since they were
...yussy, Philipp, Brahms and McIntosh in a
...the Dept. of Music will be their guest.

Catholic

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

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

Christian Science

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

Episcopal (Anglican)

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

Friends (Quakers)

Sunday, 9:45 a.m., adult discussion; 11 a.m. meeting for worship, Edwards Room, Anabel Taylor Hall.

Jewish

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

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

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

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

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

Shabbat lunch in the Sukkah, Oct. 10, noon, following services.

Brunch in the Sukkah, Oct. 11, reservations per person by Oct. 7, \$2 affiliates, \$3 non-affiliates.

Korean Church

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

Muslim

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

Protestant

Protestant Cooperative Ministry: Every Sunday, 11:15 a.m., Anabel Taylor Chapel.

Zen Buddhism

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

SEMINARS

Agricultural Economics

"Measurement of Farm Financial Performance: Empirical Issues and Current Status," Jim Johnson, Economic Research Service, USDA, Oct. 14, 3 p.m., 401 Warren Hall.

Agricultural Engineering

"Infrastructure Deterioration — Rational/Irrational? The Case of Irrigation Systems," Gilbert Levine, professor emeritus, Oct. 12, 4 p.m., 400 Riley-Robb.

Agronomy

"Diffuse Source Salinity in Streams of the Colorado Plateau: Impact of Irrigation," Chris Duffy, Utah State University, Oct. 13, 4 p.m., 135 Emerson Hall.

Applied Mathematics

"Interior Algorithms for Quadratic Programming," Yinyu Ye, Stanford University, Oct. 9, 4 p.m., 322 Sage Hall.

Archaeology

"Reports from the Field," Hirsch Travel Award Recipients, Intercollege Program in Archaeology, Oct. 15, 4:30 p.m., 305 McGraw Hall.

Astronomy and Space Sciences

"Extra Solar Planetary Science," Robert Brown, Space Telescope Science Institute, Oct. 8, 4:30 p.m., 105 Space Sciences.

Biochemistry

"Tinkering With Termini: Biochemistry Of N-acetylation Of Protein," John A. Smith, Dept. of Molecular Biology, Massachusetts General Hospital, Harvard Medical School, Oct. 9, 4:30 p.m., 204 Stocking Hall.

Biophysics

"The Molecular Biology of Voltage Gated Channels in Drosophila," Larry Salkoff, Dept. of Neurobiology, Washington University, St. Louis, Oct. 14, 4:30 p.m., 700 Clark Hall.

Boyce Thompson Institute

"Modelling Plant Processes, Crop Growth and Response to Environment," John H.M. Thornley, head, Biomathematics Division, Animal and Grassland Research Institute, United Kingdom, Oct. 14, 2 p.m., 146 Morrison Hall.

Chemical Engineering

"Mixing in Bioreactors," Rakesh Bajpai, Dept. of Chemical Engineering, University of Missouri, Oct. 13, 4:15 p.m., 145A Olin Hall.

Chemistry

"Excluded Volume in Dilute and Concentrated Polymer Systems," Karl Freed, University of Chicago, Oct. 15, 4:40 p.m., 119 Baker Laboratory.

City and Regional Planning

"Housing Policies: The Continuing Role of Community Organizations," Harold McDougall, director, Clinical Program in Law and Public Policy, The Catholic University, Oct. 9, 12:15 p.m., 157 E. Sibley.

Comparative and Environmental Toxicology

"Immunotoxicology: From Lab to Law," Oct. 15-16, Sheraton Inn and Conference Center. For further information, call 255-2808 or -8008.

Comparative Literature

"Feminist Texts in Early Modern Europe: Authority, Anachronism, and Ideology," Constance Jordan, professor of comparative literature, Northwestern University, Oct. 15, 4:30 p.m., 156 Goldwin Smith.

Computer Science

"Towards Learning Robots," Tom Mitchell, Dept. of Computer Science, Carnegie-Mellon University, Oct. 15, 4:30 p.m., B17 Upson Hall.

Computer Services

"SIGMA: Simulation Graphical Modeling and Analysis," Lee Schruben, Dept. of Operations Research and Industrial Engineering, Oct. 8, 12:20-1:10 p.m., 100 Caldwell Hall.

Cornell Education Society

"View From The Dean's Office," David Call, dean, College of Agriculture and Life Sciences, Oct. 12, 4-5:30 p.m., 143 Plant Science.

Ecology and Systematics

"The dynamics of very small populations: Invasions and extinctions," Stuart L. Pimm, Dept. of Zoology, University of Tennessee, Knoxville, Oct. 13, 4:30 p.m., Morison Seminar Room, A106 Corson/Mudd.

Economics

"Transportation, State Marketing and Agricultural Hinterland," Mark Gersovitz, Princeton University, Oct. 9, 4 p.m., 498 Uris Hall.

Floriculture and Ornamental Horticulture

"Production Opportunities for Glasshouse Crops in Denmark," Ole Voight Christensen, Horticulture Institute of Glasshouse Crops, Oct. 8, 12:15-1:15 p.m., 404 Plant Science.

"Can-Am International Garden Festival for Buffalo, New York," Peter Trowbridge, coordinator, Landscape Architecture Program, Oct. 15, 12:15-1:15 p.m., 404 Plant Science.

Food Science and Technology

"Information Transfer and Its Importance to Consumers," Robert Gravani, Dept. of Food Science, Oct. 13, 4:30 p.m., 204 Stocking Hall.

History and Philosophy of Science and Technology

"The TVA Meets MIT: Federal/Private Sector Cooperation in R & D in the 1930's," Larry Owens, Dept. of History, University of Massachusetts, Oct. 14, 4:30 p.m., 165 McGraw Hall.

International Nutrition

"Malnutrition and the Economic Crisis: The Case of Chile," Fernando Vio, University of Chile, Oct. 15, 12:20 p.m., N-207 Martha Van Rensselaer Hall.

Jugatae

"Circadian regulation of juvenile behavior in the Australian field cricket (Teleogryllus commodus)," Koichiro Yagi, Dept. of Zoology, University of Toronto, Oct. 12, 4 p.m., A106 Corson/Mudd.

Latin American Studies Program

"The Latin American Debt Crisis: The Argentine Perspective," Jose Maria Di Tella, congressman of Argentina, Oct. 9, 6 p.m., 401 Warren Hall.

Mechanical and Aerospace Engineering

"Nano Electronics and Micro Mechanics," Noel C. MacDonald, Oct. 13, 4:30 p.m., 282 Grumman.

Microbiology

Topic to be announced, J. E. Cronan Jr., Dept. of Microbiology, Univ. of Illinois at Urbana-Champaign, Oct. 8, 4:30 p.m., 124 Stocking Hall.

"The Application of Monoclonal Antibodies To The Diagnosis And Study Of Equine Viral Diseases," Frank Cook, Equine Virology Unit, Animal Health Trust, Lanwades Park, Suffolk, England, Oct. 12, 12:15 p.m., G-3 Veterinary Research Tower.

"Genetic Control of Oxygen Sensitivity in E. coli," Howard Adler, Biology Division, Oak Ridge National Labs, Oak Ridge, Tenn., Oct. 15, 4:30 p.m., 124 Stocking Hall.

Neurobiology and Behavior

"The Function of Multiple Mating For Female Sierra Dome Spiders," Paul J. Watson, Graduate Student Thesis Seminar, Oct. 13, 12:30 p.m., Morison Seminar Room, Corson/Mudd Hall.

"The Adaptive Significance of Vocal Duetting in the Bay Wren, (Thryothorus Nigricapillus)," Rachel Levin, Graduate Student Thesis Seminar, Oct. 14, 12:30 p.m., Morison Seminar Room, Corson/Mudd Hall.

"The Determination of Neuronal Fates in The Visual Cortex," Susan McConnell, Dept. of Neurobiology, Stanford University, Oct. 15, 12:30 p.m., Morison Seminar Room, Corson/Mudd Hall.

Ornithology

"Birds of New Guinea," Bruce Beehler, co-author of A Field Guide to the Birds of New Guinea, Oct. 12, 7:45 p.m., Fuertes Room, Laboratory of Ornithology, 159 Sapsucker Woods Rd.

Peace Studies Program

"Defining What Is or Is Not Permitted by the ABM Treaty," John Pike, Federation of American Scientists, Oct. 8, 12:15 p.m., G-08 Uris Hall, brown bag lunch.

Pharmacology

"Chemical Signalling Through Gap Junctions As A Means of Intercellular Communication," Kathy Dunlap, Dept. of Physiology, Tufts University School of Medicine, Dentis-

try and Veterinary Medicine, Oct. 12, 4:30 p.m., Pharmacology Library, D101L Schurman Hall.

Plant Biology

"Development Of Maize Leaf Cell Types," Tim Nelson, Yale University, Oct. 9, 11:15 a.m., 404 Plant Science.

Plant Pathology

"In-vitro mutagenesis of the virulent satellite of Turnip Crinkle Virus," Anne Simon, University of Massachusetts, Oct. 13, 4-5:30 p.m., 404 Plant Science.

Southeast Asia Program

"The Royal Orders of Burma," Than Tun, Center for South and SE Asian Studies, University of Michigan, Oct. 8, 12:20 p.m., 102 West Ave. Ext.

Topic to be announced, Nancy Lutz, Mellon Fellow, Oct. 15, 12:20 p.m., 102 West Ave. Ext.

Textiles and Apparel

"Trade in Textiles and Apparel," Paul O'Day, Manmade Fiber Assoc., Oct. 13, 12:20 p.m., 317 Martha Van Rensselaer Hall.

Vegetable Crops and Pomology

"Advances in Strawberry Breeding," Gene Galletta, USDA, Oct. 8, 4:30 p.m., 404 Plant Science.

"An Overview Of Stomatal Control Of Gas Exchange In Plants," Robert Cooke, Dept. of Agricultural Engineering, Oct. 15, 4:30 p.m., 404 Plant Science.

Western Societies Program

"Reds, Greens And Christians In The British And Italian Peace Movements," Diarmuid McGuire, Government, Oct. 9, 12:15 p.m., 153 Uris Hall.

"Singles And Doubles: Dr. Jekyll and Mr. Hyde," Elaine Showalter, Princeton University, Oct. 9, 4:30 p.m., Hollis Cornell Auditorium.

"British Socialism and the Election of 1987: Reflections of a Labor Member of Parliament," Barry Sheerman, Member of Parliament, Oct. 15, 4:30 p.m., Kaufmann Auditorium.

THEATRE

Cornell Dramatic Club

"1987 Cornell Voices Festival," staged readings of original works by Cornell students, Series One, Oct. 9, Series Two, Oct. 10, 7 p.m. Drummond Studio Theatre, Lincoln Hall.

"Live at Midnight at 9:30 p.m.," a biweekly theatre variety show, Oct. 10, 9:30 p.m., Drummond Studio Theatre, Lincoln Hall.

Theatre Cornell

Staged reading of "In the Laundry Room," a new one act play by Jan Balakian and directed by Allen Zadoff, Oct. 10, 8 p.m., Drummond Studio, Lincoln Hall.

MISC

CUSLAR

Committee on U.S./Latin American Relations meets at 5 p.m. on Mondays in the Commons Coffee House. For more information call 255-7293.

Intramural Basketball

Deadline for entries: Oct. 14 at 4 p.m. in the IM office. Fee is \$10 to enter and due with roster before the deadline. Minimum of nine to enter (co-ed): 10 to enter, equal number of men and women.

Job Opportunities

October 8, 1987
Number 38
Office of Human Resources
Cornell University
160 Day Hall
Ithaca, New York 14853-2801

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

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

-STAFFING SERVICES WILL BE CLOSED ON FRIDAY, OCTOBER 9, 1987 FOR IN-SERVICE STAFF TRAINING. DELIVERIES MAY BE DROPPED OFF AT 147 DAY HALL.

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

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

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

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

-This listing is also available on CUINFO, Cornell's computerized info service.

Administrative and Professional

Minimum salaries listed are for recruitment purposes only.

ADMIN. OPERATIONS SUPV. (PG3802) Unions & Activities-WSH

Supv. Lead Custodian & Student Night Mgrs. Coordinate & plan all bldg. maint. & custodial functions. Train, select, schedule, & evaluate custodians & student night mgrs. Assist with development of facility expansion, refurbishment & renovation proposals.

Req.: AAS or equiv. 3 yrs. relevant exp. in retail & facilities mgmt. & maint. custodial svcs. Supv. exp. req. Strong interper. comm. skills essential. Send cover letter & resume to J. Courtney Fletcher.

RESEARCH SUPPORT SPECIALIST II (PT3809) Food Sci. & Technology-Geneva

Support program in food carbohydrate polymer research. Conduct research on carbohydrate polymers & other chem. constituents of fruits & vegetables using modern instruments.

Req.: BS in chem.: MS pref. Able to operate complex lab instruments, perform chemical separations & analyses, use computer to analyze & tabulate results. Able to research & adapt analysis techniques from published sources. Send cover letter & resume to Judi Deane.

RESEARCH SUPPORT SPECIALIST I (PT3807) Ecology & Systematics

Participate in design & execution of biogeochemical & ecological research studies involving field sampling & experimentation & lab chem. analyses. Until 10/88. Irregular hrs. incl. nights & weekends.

Req.: BS or MS in env. sci. or related field. Significant lab & field exp. in biogeochemistry; exp. with ion & gas chromatography; exp. with nutrient analyses & 14C productivity measurements in natural waters; exp. working on boats. Send cover letter & resume to Judi Deane.

FINANCIAL AID COUNSELOR (PA3804) Financial Aid

Responsible for advising & counseling students concerning financial aid. Provide info. on application procedures, financial aid policies & programs & alternative means of financing.

Req.: BA BS Some exp. in financial aid, education, student services desir. Exc. comm. skills for various publics. Able to work with detailed info. & apply to student financial aid needs. Send cover letter & resume to Cynthia Smithbower by 10/23. Employees should include an employee transfer application.

ASST. TO CONTROLLER (PA3808) Controller's Office

Provide executive staff support to Univ. Controller. Provide financial analysis & special projects capability, oversee design & preparation of quarterly financial report & serve as financial systems consultant to depts.

Req.: BS in busn. or related field; MBA pref. 3-5 yrs. progressive staff exp., demonstrated exc. written oral comm. skills, competence in systems design & an understanding of computer operations. Send cover letter & resume to Cynthia Smithbower by 10/23. Employees should include an employee transfer application.

RESEARCH SUPPORT SPECIALIST III (PT3805) Agricultural Economics

Provide tech. support to research & teaching programs requiring complex critical analysis. Evaluate judgments in data determination. Supv., analyze & evaluate data collection of Oper. Results Food Chains & Self-Service Discount stores. Assist in prep. & presentation of reports. 3 yrs.

Req.: MBA, MS or BS in food industry mgmt., busn. mgmt., ag. econ. or equiv. 3-4 yrs. related exp. Proficiency with micro computer & mainframe computer software & applications. Knowl. of stats., acctg. & marketing. Extensive outside contacts in food industry req. Some travel. Send cover letter & resume to Judi Deane by 10/23.

HUNGRY BEAR DINER MGR. (PG3702) Unions & Activities-RPU

Coord. night Diner Services & supv. & training of student employees. Resp. for inventory purchasing, daily maint. of area, pricing of items for resale & monthly reports. Mon.-Sat., 9 p.m. 3:30 a.m.; year round position incl. summers with interruption during academic breaks.

Req.: H.S. dip. or equiv. Managerial & supv. exp. req. Exp. using cash register, food handling, preparation & food retailing & skills dealing with customers & supv. of student employees. Send cover letter & resume to J. Courtney Fletcher.

ADMINISTRATIVE ASSOC. (PA3708) Ctr. for Environmental Research

Fiscal officer for Center & its programs, incl. acctg., budgeting, grants contracts, financial analyses, computer systems. Facilities management incl. renovations.

Req.: BS busn. or related major, MS pref. Knowl. of CU acctg., grants & contracts admin., personnel & admin. procedures (End. & Statu-

tory) highly desir. Familiar with database mgmt. helpful. Strong org. skills. Send cover letter & resume to Cynthia Smithbower by 10/9. Employees should include an employee transfer application.

AREA SUPERVISOR II (PT3701) Operations Research & Industrial Engr.

Oversee operations of computing environment incl. mgmt. & maint. of hardware & software. Prepare & maintain ed. software.
Req.: MS pref. in OR or IE. 3-5 yrs. related exp. Exp. in software develop. Design & mgmt. of innovative computer software systems & development of admin. & possible teaching software. Supv. exp., preparation of documentation for systems & software. Send cover letter & resume to Judi Deane.

COMPUTING/LAB SUPPORT SPEC. (PT3707) Vegetable Crops

Provide broad support for dept. faculty, staff & grad. students in computing & statistical analysis of research data & other general support, incl. maint. & repairs of dept's electronic equip.

Req.: BS with courses similar to CCS 100 & 211 or equiv. Prgmng. exp. in PASCAL, PL 1 or another structured language (not Basic). Exp. with spreadsheet, relational database, WP & comm. software & large data sets; familiar with stat. analysis & software pkgs. (eg. SAS, MINITAB, M-STAT); knowl. of Biometrics; design & stat. analysis of Agri. Expts; routine maint. & repair of electronic equip. Send cover letter & resume to Judi Deane by 10/16.

ADMINISTRATIVE SUPERVISOR I (PG193) Campus Mailing Service-repost

Manage budgets & operations for mailing services, announcements & delivery services. Oversee the regalia inventory & its despatchment.

Req.: AAS req. Exc. supv. skills. 1 yr. supv. exp. in unionized setting. Familiar with U.S. Postal rules & regulations. Familiar with microcomputers; familiar with CU campus. Send cover letter & resume to J. Courtney Fletcher.

ESTIMATOR II-REFRIG. & CONTROLS (PG3603) M&SO

Prepare detailed general construction estimates for maintenance, repair, & or construction projects. Visit job sites & obtain data to prepare both budget & detailed job cost estimates; compile accurate labor estimates & complete material lists utilizing arch. drawings & blueprints.

Req.: AAS in air cond. & refrig. or related field. Min. 5 yrs. exp. in field. Thorough understanding of HVAC, refrig., pneumatic, electronic, electric & direct digital controls. Exp. in univ. research env. & familiar with computers helpful. Exc. comm. skills. Send cover letter & resume to J. Courtney Fletcher.

ESTIMATOR II-GENERAL CONSTRUCTION (PG3602) M&SO

Prepare detailed general construction estimates for maintenance, repair, & or construction projects. Visit job sites & obtain necessary data to prepare both budget & detailed job cost estimates. Assist depts. in fulfilling specific reqs.; prepare sketches, drawings & or project descriptions; compile accurate labor estimates & complete material lists utilizing arch. drawings & blueprints.

Req.: AAS in construction tech. or equiv. Min. 5 yrs. related exp. Understanding of bldg. codes, scheduling (CPM) & project mgmt. Exp. in univ. research env. & familiar with computers helpful. Exc. comm. skills req. Send cover letter & resume to J. Courtney Fletcher.

CONTROL SHOP FOREMAN (PG3601) M&SO

Supv. all work of M&SO Controls Shop which includes electricians, plumbers & apprentices who perform work on HVAC control systems. Install, trouble shoot, & repair pneumatic electric HVAC controls.

Req.: BS in mech. elec. engr. pref. Min. 5 yrs. exp. in controls field, or related exp. Send cover letter & resume to J. Courtney Fletcher.

ADVERTISING & PUBLICITY ASSOC. (PC3610) CU Press

Coord. journal & magazine ads placed by Press. Assist advertising dept. in area of publicity.
Req.: BA or equiv. Design skills desir. Working knowl. of PC's, especially Mac. Pagemaker Program. 1 yr. prior exp. in publishing desir. Send cover letter & resume to Esther Smith by 10/1.

MANAGING EDITOR (PC3511) Hotel Admin.

Supv. & coord. production of high-quality busn. journal related publications. Copy-edit manuscripts for style substance; write articles; proofread; production scheduling (incl. coord. efforts with staff members, free lancers & vendors).

Req.: BA pref. in english & 2 yrs. hands-on editing or mgmt. of prints publications. Strong command of language. Familiar with editorial style & printing specs. Exp. with page lay-out & design. Able to work with WP & page-lay-out software. Understanding of busn. writing & hospitality industry. Send cover letter & resume to Esther Smith.

Clerical

REGULAR EMPLOYEES Submit an employee transfer application, resume & cover letter. Career counseling interviews are available by apt. **EXTERNAL APPLICANTS** Submit an employment application & resume to Esther Smith or Laurie Worsell. Interviews are conducted Tues. & Wed. at Staffing Services, East Hill Plaza by apt. only. Qualified applicants will be contacted after materials are reviewed.

Req.: H.S. dip. or equiv. Managerial & supv. exp. req. Exp. using cash register, food handling, preparation & food retailing & skills dealing with customers & supv. of student employees. Send cover letter & resume to J. Courtney Fletcher.

RECORDS ASST., GR16 (C3801) Olin Library Acquisitions

Process invoices & perform receiving functions on books received within receiving section. May incl. some evening hrs.

Req.: H.S. dip. or equiv. Some clerical, libr. & computer exp. desir. Previous exp. processing invoices desir. Lt. typing.
Minimum Biweekly Salary: \$401.78

OFFICE ASST., GR17 (C3822) Summer Session

Serve as receptionist; process grades; gen'l. typing for office; assist Registrar in registration processes; keypunch & data verification, using mainframe system.

Req.: H.S. dip. or equiv. Med. typing. Able to work with diverse public. Exc. comm. skills req. Background with IBM PC helpful. Able to set priorities & work in a complex, active environ.
Minimum Biweekly Salary: \$421.81

OFFICE ASST., GR17 (C3812) NYSSILR-Services

Provide clerical sec. support for Services unit. Package & prepare all ILR Press book orders for shipment; administer intradep. billing system for postage, photocopying, supplies, etc.; meter all mass mailings & coord. bulk mailings; maintain records & files. Other duties as assigned.

Req.: H.S. dip. or equiv. Lt. typing. Min. 6 months 1 yr. exp. Gen. off. skills. Knowl. of postal regulations, UPS & Express Mail services desir. Exc. org. & interper. skills. Able to work in complex, active environ. Must be able to lift 40 lbs. Valid NYS driver's lic. req.
Minimum Biweekly Salary: \$420.76

SECRETARY, GR18 (C3811) NYSSILR Ext. & Public Service-Buffalo

Prepare materials involved in setting up class program; maintain accurate & complete records & summaries on all programs; type corresp.; handle phone calls; set & maintain computerized mailing lists; prepare travel vouchers; bookkeeping; work with computer & WP equip.; duplicate materials.

Req.: H.S. dip. or equiv. Busn. or sec. school desir. Min. 1-3 yrs. related off. exp. pref. Strong org. skills. Bookkeeping exp. helpful. IBM PC WP exp. Attention to detail important. Able to work independ. Med. typing.
Minimum Biweekly Salary: \$443.13

ACCOUNTS ASST., GR18 (C3813) Bursar

Provide clerical support for Collections Dept. Research past due accts. & prepare payment histories; prepare accts. for assignments to federal agencies & legal action.

Req.: H.S. dip. or equiv. Gen'l. acctg. knowl. Good org. skills. Able to interact with members of CU community & to deal with sensitive situations concerning past due accts. Lt. typing.
Minimum Biweekly Salary: \$444.37

SR. CIRC./RESERVE ASST., GR18 (C3810) Law Library

Responsible for daily operations of Circ. Desk. Maintain circ. files; recall materials; trace missing materials; handle fines; open library 5 days wk.; incl. supv. training of student employees.

Req.: AAS or equiv. Some exp. in circ. dept. of academic libr. pref. Able to deal effectively with a variety of patrons. Strong org., interper. & comm. (verbal written) skills.
Minimum Biweekly Salary: \$444.37

SECRETARY, GR18 (C3806) Textiles & Apparel

Provide sec. Macintosh user support for 4.6 faculty & admin. sec. support for cooperative ext. faculty incl. coord. publication of newsletter & making arrangements for in-services. Type, proofread proposals, articles, coursework, etc. using computer; arrange mtgs.; make travel arrangements; type reimbursement vouchers; coord. publication of TXA News; arrange ext. in-services, agent faculty & ext. staff. Other duties as assigned.

Req.: H.S. dip. Min. 1-2 yrs. general sec. admin. exp. WP skills. Knowl. of Mac. Able to deal effectively with a variety of people.
Minimum Biweekly Salary: \$443.13

SECRETARY, GR18 (C3702) Hotel Admin.

Act as recep. sec. for Dean & Asst. Dean. Resp. for typing & using the WANG PC; maintain files & confidential records; resp. for distribution of various acctg. statements, phone bills, etc.; answer phone & direct calls; greet on-campus & off-campus visitors; handle mail.

Req.: H.S. dip. or equiv. Busn. or sec. school desir. Prior recep. sec. exp. highly desir. WANG PC exp. or ability to learn. Heavy typing (40% of responsibilities). Able to work in a complex, active, busn. like environ.
Minimum Biweekly Salary: \$444.37

RECEPTIONIST/RECORDS, GR19 (C3817) Graduate School

Entries on CRT; process forms related to grad. student records; answer phone & walk-in inquiries from students, faculty & other offices; assist in course enrollment & at receptionist desk; hand out & receive forms; process application letters.

Req.: AAS or equiv. Knowl. of college structure desir. Filing skills. Able to work organize independ. Comm. skills important. CRT exp. desir., but not necessary. Med. typing.
Minimum Biweekly Salary: \$470.80

INFORMATION SPEC., GR19 (C2802) Career Center-repost

Assist students using career lib. for job hunting & career planning; assist Lib. Coord. in classifying, updating & maintaining lib. resources; along with editing preparing revised annotated bibliography for publication; provide support in Career Ctr. News & publications handouts areas.

Req.: AAS or equiv. Min. 1-2 yrs. exp. pref. Heavy typing. Must have exc. org., interper. & comm. (written oral) skills. Enthusiasm for working with students. Able to use IBM & Mac computers.
Minimum Biweekly Salary: \$470.80

SPECIAL PROGRAMS STAFF ASST., GR19 (C3012) Career Center-repost

Provide sec. admin. support for special programs: Career Fair, Graduate School Days, Career Center recruiting program & job hunting workshops, plus special programs for minorities; arrange staff mtgs. & seminars, share general off. WP responsibilities for corresp., reports & publications. Other duties as assigned.

Req.: H.S. dip. or equiv. Busn. or sec. school ed. desir. Min. 2-3 yrs. off. exp. Knowl. of IBM computer (dBase III & WordPerfect). Strong comm. (oral written), interper. & org. skills essential. Able to set priorities & work in a complex, active environ.
Minimum Biweekly Salary: \$470.80

ACCOUNTS ASST., GR19 (C3602) Campus

Store-repost

Handle moderately complex accts. incl. A P & A R; assist with vault cash incl.: cash reconciliation & prep. of cash disbursements for sales floor; assist in prep. of acctg. reports. Mon.-Fri. 1:30 p.m. 10 p.m.; some Sat.

Req.: H.S. dip. or equiv. Acctg. bookkeeping courses desir. Min. 1-2 yrs. off. bookkeeping exp. pref. Able to operate or learn to operate calculator & computer terminal. Retail book store exp. pref.
Minimum Biweekly Salary: \$470.80

SECRETARY, GR19 (C3819) Sociology

Provide sec. support to Chairman & Grad. Field Rep. Type corresp.; answer phone; maintain files.

Req.: AAS or equiv. Min. 1-3 yrs. exp. Exc. clerical skills. Exp. w. PC & WordPerfect. Good comm. & org. skills. Able to interact with a variety of people. Heavy typing.
Minimum Biweekly Salary: \$470.80

ACCOUNTS COORDINATOR, GR20 (C3818) Theory Center

Develop & maintain accurate acctg. records. Coord. income & expenditure tracking using CUSA system; monitor A P & A R & inventory.

Req.: AAS or equiv. Knowl. of PC's (IBM), dBase III, Lotus & WordPerfect helpful. Knowl. of CU financial procedures helpful.
Minimum Biweekly Salary: \$496.80

OFFICE ASST., GR20 (C3711) Minority Ed. Affairs COSEP

Provide admin. project support to professional staff. Assist with COSEP College Work-Study Program; assist in locating & analyzing data.

Req.: AAS or equiv. Med. typing. Min. 2-3 yrs. clerical exp., pref. in college or univ. setting. Able to supervise work of others, make decisions, set priorities & work in complex, active environ.
Minimum Biweekly Salary: \$496.80

COORDINATOR OF STUDENT PERSONNEL, GR21 (C3821) Unions & Activities-Noyes Ctr.

Student staff recruitment, selection, training, supv., evaluation & payroll processing. Will hire 80-100 student employees semester. Irregular hrs. & frequent evenings & weekends. 10 month position.

Req.: AAS or equiv. BA desir. Min. 2 yrs. exp. in related field or 5 yrs. related exp. Demonstrate proficiency in interper., comm. & supv. skills. Able to comm. effectively with all members of CU community. Knowl. of micro-computers pref. Lt. typing. Send cover letter & resume to Esther Smith by 10/16.
Minimum Biweekly Salary: \$527.69

RESEARCH AIDE, GR21 (C3816) Neurobiology & Behavior

Provide admin. support to prof. & research group. Assist in prep. of research grants; prepare reports; type & proofread scientific papers; coord. travel; handle daily corresp.; maintain files; order supplies; other projects as assigned.

Req.: BS or equiv. Sci. bkgnd. helpful, particularly bio. Min. 3-5 yrs. sec. exp. WP exp. req. Exc. org. & comm. (written oral) skills. Heavy typing.
Minimum Biweekly Salary: \$527.69

ACADEMIC COMPUTER CTR. COORD., GR22 (C3416) Hotel Admin-repost

Manage, maintain & coord. video eq. operations. Schedule classes, equip. & 25 student employees. Comm. computer etc. schedules & info. on regular basis to faculty & students; resp. for maint. of all video & computer software & hardware.

Req.: AAS in computer sci. or equiv. Knowl. of microcomputers operation & software (IBM PC & Mac) nec. Supv. exp. highly desir. Able to interact with a variety of people on a regular basis. Send cover letter & resume to Esther Smith.
Minimum Biweekly Salary: \$556.14

ADMIN. AIDE, GR23 (C3820) Phys. Ed. & Athletics

Provide broad-based admin. support to Assoc. Dir., Finance & Personnel in service areas of budget, acctg., personnel, payroll, computer applications & special projects. Function in role that serves total dept.

Req.: AAS & 2-3 yrs. exp. or H.S. dip. & 5 yrs. exp. in automated environ. Must have proven skills in payroll personnel. Min. 1 yr. of active computer work. Good working knowl. of acctg. (prefer CU). Exc. comm. (written verbal) skills essential. Med. typing.
Minimum Biweekly Salary: \$589.44

General Service

REGULAR EMPLOYEES Submit an employee transfer application to Staffing Services, East Hill Plaza. **EXTERNAL APPLICANTS:** Employment applications are available at Staffing Services, East Hill Plaza 9-noon, Mon.-Thurs.

CASHIER, GR15 (G3816) Dining

Transact cash & credit sales; tabulate daily figures & prepare deposits.
Req.: H.S. dip. or equiv. 1-2 yrs. related exp. Basic reading & computation skills. Good interper. & comm. skills req.
Minimum Biweekly Salary: \$382.62

FOOD SERVICE WORKER, SO16 (G3814) Dining-Endowed

Prepare, present & serve food items for Cop. cash, catering or special events. Shift subject to change.

Req.: H.S. dip. or equiv. 1 yr. related exp. Working knowl. of food prep. & presentation. Able to operate choppers, slicers, mixers, ovens, steam kettles, pressure steamers & various hand tools. Good customer relation skills.
Minimum hourly rate: \$5.14

CUSTODIAN, SO16 (G3802) Residence Life-Endowed

Provide gen'l. custodial care of bldgs. & grnds. in immed. vicinity of assigned area. M.-Th., 7:30 a.m. 4 p.m.; Fri. 7:30 a.m. 3 p.m.
Req.: H.S. dip. or equiv. Able to operate a

variety of heavy power equip., lift 50 lbs. & climb an 8 ft. ladder. Basic reading & writing skills. Daily contact with students.
Minimum hourly rate: \$5.14

CUSTODIAN, SO16 (G3809, G3810) Buildings Care-Endowed

Provide gen'l. custodial care of bldgs. & grnds. in immed. vicinity of assigned area. M.-Th., 6 a.m. 2:30 p.m.; Fri. 6 a.m. 1:30 p.m.
Req.: H.S. dip. or equiv. Able to operate a variety of heavy power equip., lift 50 lbs. & climb an 8 ft. ladder. Basic reading & writing skills.
Minimum hourly rate: \$5.14

FIELD ASST., GR17 (G3811) Plant Pathology-Geneva

Assist research support spec. in maintaining experimental orchards (apples, cherries, peaches, prunes & others) & apply pesticides. Assist with orchard equip. repair & maint., taking data & perform lab experiments.

Req.: H.S. dip., valid NYS driver's lic. & NYS Commercial Pesticide Applicator's cert. Familiar with operation, maint. & repair of orchard equip. Able to work independ. in orchards.
Minimum Biweekly Salary: \$420.76

HEAD CUSTODIAN, SO17 (G3808) Unions & Activities-WSH

Lead worker for day custodial crew, resp. for bldg. cleanliness, equip. furniture repair & replacement, room equip. set-up. Personnel scheduling & training. Flexible 2nd shift. Some weekends.

Req.: H.S. dip. or equiv. Min. 2 yrs. exp. in custodial maint. areas req. Previous leadership exp. pref. Must have valid NYS class 5 driver's lic. Strong comm. & interper. skills essential.
Minimum hourly rate: \$5.42

INVENTORY CONTROL CLERK, GR18 (G3806) Campus Store

Record all incoming books & merchandise for Tradebook dept. into computerized inventory system. Process paperwork, incl. invoices, purchase orders, etc. Prepare merch. for mailing sales floor. Maintain & perform inventory through data entry. Take physical inventory of stock. 1:30-10:00 p.m., Mon.-Fri., some Sat.

Req.: H.S. dip. or equiv. Some retail general book dept. exp. pref. Able to operate a computer terminal. Good comm. & interper. skills necessary. Able to lift 50 lbs.
Minimum Biweekly Salary: \$444.37

SHORT ORDER COOK, SO18 (G3709) Dining-Endowed

Prepare & serve food directly to customers from short order area. Shift subject to change.

Req.: H.S. dip. or equiv. 6-12 months related exp. Familiar with short order equip. Able to prepare a variety of short preparation foods under pressure. Good customer relations skills.
Minimum hourly rate: \$5.71

DRAFTER, GR21 (G3501) Nuclear Studies

Design & prepare working drawings, layouts, specifications of equip., scientific illustrations & graphics. Work from sketches, notes or verbal instructions.

Req.: AAS in electronic, mechanical or engineering technology or equiv. 1-2 yrs. design drafting & tech. illustrating exp. Some exp. in art & publications desir.
Minimum Biweekly Salary: \$527.69

Two British scientists to give BTI lectures

Two British scientists will speak as distinguished lecturers this month as part of the Boyce Thompson Institute for Plant Research's continuing series examining a wide range of research advances in biotechnology and other areas in the life sciences:

- John H.M. Thornley, head of the Biomathematics Division of the Institute for Grassland and Animal Production in the United Kingdom, will lecture on "Modelling Plant Processes, Crop Growth and Response to Environment" on Oct. 14 at 2 p.m. in Room 146 of Morrison Hall on the Cornell University campus.

- John V. Kilmartin, a member of the scientific staff of the Laboratory of Molecular Biology of the Medical Research Council Center at the University Medical School in Cambridge, England, will discuss "Tubulin in Yeast" at 2 p.m. on Oct. 28, also in Room 146 of Morrison Hall.



Helene Williams as Emma Goldman in Leonard Lehrman's "E.G.: A Musical Portrait of Emma Goldman," to be performed in Barnes Hall on Oct. 12 at 8:15 p.m. This two-act theatre piece includes 230 slides of Goldman and her world and rare newsreel footage from the 1930s.

Emma Goldman's story to be told musically

The upstate premiere of Cornell alumnus Leonard Lehrman's latest work, "E.G.: A Musical Portrait of Emma Goldman," starring Helene Williams in the title role and with the composer at the piano, will be given in Barnes Hall on Oct. 12 at 8:15 p.m.

The 90-minute two-act theatre piece includes 230 slides of Emma Goldman and her world and rare newsreel footage of Goldman's return to New York in 1934.

The piece is set as a series of flashbacks recalling Goldman's battles for free speech and free love and against war. Highlighted are her political awakening after the 1886 Haymarket riot, her arrest after the assassination of President McKinley in 1901, her lectures on Ibsen, birth control and draft

resistance and her struggle for a Jewish identity.

Lehrman recently returned to the United States following seven years of conducting in Europe. Laureate conductor of the Jewish Music Theatre of Berlin and formerly assistant conductor of the Metropolitan Opera, he won the 1978 Off-Broadway Opera Award for "most important event of the season" for his completion of Marc Blitzstein's "Tales of Malamud," which was first presented here in Barnes Hall in 1974.

Monday's performance is sponsored by the Department of Music, in association with the Department of History, Jewish Studies, the Women's Study Program and the Council of the Creative and Performing Arts. Admission is free.

Graduate Bulletin

Course changes: Oct. 23 is the last day for changing grade options or credit hours and for dropping courses. After this date a petition will be required and a \$10 fee will be charged.

Fellowships and Financial Aid: National Science Foundation Graduate Fellowship applications are available in the Fellowship Office, Sage Graduate Center. Approximately 685 three-year fellowships for \$12,300 annually plus tuition will be awarded nationally to individuals who have demonstrated ability and special aptitude for advanced training in science, engineering or social science. Minorities, women and disabled persons are encouraged to apply. Deadline for completed Part I is Nov. 13.

Job Opportunities

Submit a cover letter for each position for which you apply, (specify title, dept. & job number) to Judi Deane 160 Day Hall. Interviews are conducted the first Thursday of each month from 1:30-4:30 p.m. at Staffing Services, East Hill Plaza. The following backgrounds are highly desired: biochem., chem., microbio., elect., physics, lic. animal health tech. No appt. is necessary, however a brief wait may be required.

ANIMAL HEALTH TECH., GR18 (T3804) Vet. Med. Teaching Hospital
Resp. for care & maint. of animals in Large Animal Isolation Facility.
Req.: NYS licensed Animal Health Tech. or eligible for lic. Exp. working with large animals essential.
Minimum Biweekly Salary: \$443.13

TECHNICIAN, GR19 (T3504) Physiology (Diagnostic Lab)-repost
Perform radioimmunoassays of hormones in blood samples from animals & tissue culture media. Perform assays incl. preparing samples, handle low-level radioactive materials, protocoling assays & calculating results, prepare buffers, maintain paper & computer files, wash dishes & clean lab.
Req.: BS BA in bio. or chem. sci. Basic skills & knowl. of chemical lab procedures, mathematics & oral & written comm. Trng. in immunology, endocrinology & biochem. useful.
Minimum Biweekly Salary: \$469.53

ELECTRONICS TECHNICIAN, GR20 (T3502) Theory Center-repost
Resp. for installing & maintaining computer related equip. & equip. as nec. Perform computer backups.
Req.: AAS or equiv. in electronics. Exp. wiring various networks helpful. Computer exp. helpful. Able to work independ. essential. Good comm. skills.
Minimum Biweekly Salary: \$496.80

TECHNICIAN, GR20 (T3801) Physiology
Schedule & perform blood sampling on cows; assist at surgery; perform hormone radioimmunoassays, column chromatography, cell culture & other lab procedures; oversee students. Some nights & weekends.
Req.: BS BA bio. or Animal Sci. or equiv. plus exp. Handle large animals, basic lab procedures, radioimmunoassay exp. helpful but not essential. Apply by 10 23.
Minimum Biweekly Salary: \$495.35

TECHNICIAN, GR20 (T3203) Physiology-repost
Assist in prep. of undergrad. veterinary & grad level lab courses offered by dept. section of Physiology.
Req.: BS An. Sci. Bio. or equiv. pref. 1 3 yrs. exp. with basic chem., small animal handling & physiologic instrumentation helpful. Apply by 10 16.

TECHNICIAN, GR20 (T3806) Vegetable Crops
Resp. for sample prep. & evaluation for multifaceted histological research program involving

effects of herbicides upon plants. Train & superv. grad. students in techniques for light microscopy. Continuation contingent on grant funding.
Req.: BS & histology exp. req., MS & JM (TEM or SEM) & plastic embedding techniques desir. Exp. with microscopes; manual dexterity or well-developed fine motor control & patience to do detailed work. Apply by 10 16.
Minimum Biweekly Salary: \$495.35

LAB EQUIP. TECH., GR20 (T3707) Theatre Arts
Resp. for interpreting & implementing lighting designs for theatre productions; hang, cable, focus, circuit theatrical lighting instruments; implement & maintain special effects & projections; purchase & maintain lighting & sound equip.; recruit, train, superv. student crews. Mon.-Fri., 9 5 flex.; some eves. & weekends.
Req.: AAS, BA desir. Theatre bkgrnd, strongly pref. Exp. with theatrical lighting & sound equip. req. Bkgrnd. in theatre, exp. reading draftings & plans, working knowl. of electronics. Good org. skills. Exp. with students or volunteers helpful. Apply by 10 16.
Minimum Biweekly Salary: \$496.80

CURATORIAL AIDE, GR20 (T3706) Ecology & Systematics
Assist in daily operation of research & teaching apparatus assoc. with accelerator facility. Assume resp. for specific projects. Provide creative assistance to scientists in solving problems.
Req.: AAS in mech., elec. or electronic tech. or equiv. exp. Apply by 10 23.
Minimum Biweekly Salary: \$495.35

RES. EQUIP. TECH., GR22 (T3701) Nuclear Studies
Design, construct, assemble & maintain experimental apparatus assoc. with accelerator facility. Assume resp. for specific projects. Provide creative assistance to scientists in solving problems.
Req.: AAS in mech., elec. or electronic tech. or equiv. exp. Apply by 10 23.
Minimum Biweekly Salary: \$556.14

Part-Time

SECRETARY, GR16 (C3804) Office of the Assemblies
Provide sec. clerical support. Type; answer phone; arrange mtgs.; maintain file system. Other duties as assigned. Mon.-Fri., 4 hrs. day, mornings.
Req.: H.S. dip. or equiv. Some clerical exp. desir. Able to do WP. Good interper., org. & comm. skills. Attention to detail. Med. typing.
Minimum full-time equivalent: \$401.78

COOK, SO18 (G3302, G3303 2 positions) Residence Life-Endowed
Clean, prepare & cook food for Univ.-owned fraternity. Clean all food prep. areas, cooking areas & assist in keeping storerooms & refrigerators sanitary. Aid student steward in menu-planning & food purchases as needed. P-T; 20 hrs. wk.
Req.: H.S. dip. or equiv. 1 3 yrs. cook exp. Able to follow recipes accurately, operate standard food prep. & cooking equip. Exp. in large quantity prep. essential. Good org. skills. Able to work with little supv. pref. Apply at East Hill Plaza Staffing Office, Mon.-Thur., 9 a.m.-noon.
Minimum hourly rate: \$5.71

OFFICE ASST., GR18 (C2702) Ornithology-repost
Provide general admin., off. & sec. support for Libr. of Natural Sounds. Oversee purchases; answer phones; type & file corresp.; maintain inventory. Hrs. to be arranged.
Req.: H.S. dip. or equiv. Busn. or sec. school desir. Knowl. of WP & computers essential, database mgmt. & spread sheet systems desir. Good interper. & comm. (written & phone) skills. Able to set priorities & work in a complex, active environ. Accuracy & attention to detail nec.

ANIMAL HEALTH TECH., GR20 (G3707, G3708) Vet. Med. Teaching Hosp.
Assist with emergency & surgical procedures. Manufacture, compound, dispense & administer prescriptions. Eves. & weekends 24 hrs.
Req.: Animal Health Tech. lic. or eligible for lic., AAS pref. Exp. working with large animals, handling & restraining. Basic knowl. of emergency & surgical procedures. Apply at East Hill Plaza Staffing Office, Mon.-Thur., 9 a.m.-noon. Pre-employment physical req.
Minimum full-time equivalent: \$495.35

DRAFTER, GR20 (G3401) CLEARs
Resp. for cartographic & printing functions in area of remote sensing resource inventory analysis activities. Maintain air photo lib. 20 hrs. wk. until 8 23 88; added hrs. possible after 6 months; continuation contingent upon funding.
Req.: BS in natural resources, landscape arch., geography, related fields, or equiv. exp. 2 3 yrs. tech. work exp. in graphic & or cartography. Knowl. of standard cartographic convention. Familiar with printing machines helpful. Exc. verbal written comm. skills. Apply at East Hill Plaza Staffing Office, Mon.-Thur., 9 a.m.-noon.
Minimum full-time equivalent: \$495.35

TECHNICIAN, GR21 (T3705) Ecology & Systematics
Prepare fossil fish specimens using a variety of mech. & chem. techniques. Collect morphological data & data entry into computer. Oversee general maint. & org. of lab. Possibility of photography, biolog. illustration & data analysis. Mon.-Fri., 20 hrs. wk.
Req.: BS in bio., geology or related discipline. Exp. with fine crafts, dental work, cabinet making or other such delicate work helpful. Some knowl. of computers & or stats. helpful. Send cover letter & resume to Judi Deane by 10 16.
Minimum full-time equivalent: \$526.14

STUDENT DEVELOPMENT SPECIALIST (PA3705) Learning Skills Center
Help develop & offer programs designed to improve students' academic success; design & teach workshops on learning strategies, incl. note-taking, time-mgmt., exam prep.; 1-on-1 consultations with students as needed; engage in out-reach efforts for programs. 9 month appt. 20 hrs. wk.
Req.: BA BS; MS pref. in Reading, or Student Personnel Admin. Exp. working with college students in learning ctr. related activities; strong comm. skills req. Send cover letter & resume to Cynthia Smithbower by 10 9.

Temporary

Experienced & skilled individuals specifically interested in temporary clerical secretarial work can contact Lauren Worsell (255 7044).

TECHNICIAN (T3805) Ornithology
Using Ampex Studer recorders, make copies of bird song recordings from acetate tapes to modern tape stock. Until 3 31 88.
Req.: AAS or equiv. Exp. & skills in analog audio studio tape recorder operator, most desir. Sensitive hearing essential. Exp. with bird sounds highly desir. Send cover letter & resume to Judi Deane by 10 23.

TECHNICIAN, GR18 (T3803) Plant Biology
Prepare & examine histological preparations using cytological procedures, especially immunocytochemistry. Perform assoc. data gathering, photography, routine analyses. Use of microscope essential. Until 7 31 89.
Req.: AAS in bio., BS pref. Knowl. of plants useful. Previous exp. in microscopy, histology of plant & or animal tissues, staining procedures incl. histochemistry. Send cover letter & resume to Judi Deane by 10 23.

TECHNICIAN, GR18 (T3704) Ornithology
Edit & incorporate field tape recordings of animal sounds into collection of Libr. of Natural Sounds. Prepare & enter into a computerized information storage & retrieval system, catalog data for recordings in Lib. May lead to regular position depending upon future funding. 9 months.
Req.: AAS or equiv. in biology or related field. Some exp. in operation of studio audio equip. pref. Strong tech. aptitude. Audio theory, ornithology, or electronics knowl. helpful. Good org. skills. Send cover letter & resume to Judi Deane by 10 16.

SEARCHER, GR18 (C3605) H.R.-Catherwood Library
Resp. for searching bibliographic records in card catalog, RLIN & NUC, incl. records for donated collections; verify holdings & condition of titles in lib.; RLIN input, bibliographic typing. Other duties as assigned. P-T, temp. until

Plasma Studies Lab to mark anniversary

Talks by some of the country's foremost plasma physicists on topics from the behavior of plasmas in distant star systems to efforts at harnessing plasma for thermonuclear fusion on earth will highlight the 20th anniversary celebration of the Laboratory of Plasma Studies (LPS) Oct. 15 and 16.

Plasmas are a form that matter assumes at high temperatures, consisting of the nuclei of atoms which have been stripped of their electrons and which thus have become charged particles, called ions.

The Laboratory for Plasma Studies was founded in 1967 as part of a joint research effort among the Naval Research Laboratory (NRL) of Washington D.C., the University of Maryland and Cornell. Its purpose was to explore the promising energy and defense applications of the rapidly blossoming field of plasma physics.

Those involved in founding the Cornell lab and setting up the joint program included Alan Kolb, then of NRL, and Edwin Resler, Peter Auer, Andrew Schultz, Frank Long and Dale Corson, all of Cornell. The lab's first director was Peter Auer of Cornell's Sibley School of Mechanical and Aerospace Engineering. In 1975, Ravi Sudan of Cornell's Schools of Electrical Engineering and of Applied and Engineering Physics became director. He served until 1985, when the current director, David Hammer, assumed the post.

The anniversary program will be held in 700 Clark Hall and will begin with welcoming remarks by Joseph Ballantyne, the university's vice president for research and advanced studies.

A banquet Thursday evening will feature welcoming remarks by Dean William Streett of the College of Engineering, reminiscences of LPS history by its founders, and an address by Alvin W. Trivelpiece, executive officer of the American Association for the Advancement of Science, on "Plasma Research at Universities: Past Present and Future."

The next day, conference participants will tour LPS facilities.

— Dennis Meredith

12 23 87.
Req.: AAS 2 yrs. college of equiv. I.I. typing. Knowl. of bibliographic verification systems & tools, accuracy & ability to handle detail req. Knowl. of French, German or Spanish desir. Send cover letter & resume to Michele Draiss, 235 Olin Library.

DATA COLLECTOR (C3403) Nutrit. Science
Evaluate nutri. & health effects of home-delivered meals program on elderly. Data collected in NYC until mid-Oct. Would be in NYC 3 4 days wk. Through Oct. 87.
Req.: H.S. dip. or equiv. Exp. in community nutrition programs pref. Out of town travel expenses will be covered & hourly wage. Call Laurie Worsell at 255 7044.

ANIMAL TECHNICIAN, GR18 (G3310) Lab Animal Services
Provide weekend care of lab animals (care, feed, water, exercise); general cleaning & maintenance of cages & pens. Maintain I.D., breeding & inventory records.
Req.: H.S. dip. or equiv. Previous animal handling exp. in an instit. environ. desir. NYS driver's lic. & able to lift 100 lbs. Pre-employment physical req. Apply at East Hill Plaza Staffing Office, Mon.-Thur., 9 a.m.-noon.

Academic

RESEARCH ASST. (A3801) Black Periodical Literature Project
Will assist dir. in bibliographic research, editing, general off. work. Some exp. in research & bkgrnd. in literature req. Mon.-Fri., 10 4. Contact Cynthia D. Bond, 255 3862.

TENURE TRACK OR TENURED POSITIONS (A3802) English
Placement possible at any level in following areas: Afro-American, African, Caribbean, Hispanic-American, minority, third world, post-colonial literatures & black feminist criticism. Send vita & dossier by mid-November to Prof. Dorothy Mermin, Chair, 250 Goldwin Smith Hall, Cornell University, Ithaca, NY 14853.

SR. RESEARCH ASSOC. (A3803) Food Science
Send CV, statement of interest & 3 references to Prof. J.E. Kinsella, Lipid Research Lab, Institute of Food Sci., 106 Stocking Hall, Cornell University, Ithaca, NY 14853.

INSTRUCTOR (A3804) Animal Science
Send letter of application, complete resume & at least 3 letters of reference to Dr. David M. Galton, Dept. of Animal Sci., Cornell University, 272 Morrison Hall, Ithaca, NY 14853 4801 by 11 1.

SPORTS

Friday-Saturday, 10/9-10/10

Women's Volleyball, at Syracuse Invitational, 4 p.m.

Friday, 10/9

Ltwt. Football, Army, 7:30 p.m.

Saturday, 10/10

Women's Cross Country, Paul Short Invitational at Lehigh

Men's Cross Country, Paul Short Invitational at Lehigh

Women's Varsity Field Hockey, Harvard, 10 a.m.

Women's Varsity Soccer, Harvard, 11 a.m.

Men's Jr. Varsity Soccer, at Binghamton, 1 p.m.

Varsity Football, Harvard, 1 p.m.

Men's Varsity Soccer, Harvard, 7:30 p.m.

Monday, 10/12

Women's Jr. Varsity Soccer, William Smith, 4 p.m.

Men's Jr. Varsity Football, Colgate, 4:30 p.m.

Tuesday, 10/13

Women's Jr. Varsity Field Hockey, at Cortland

Women's Varsity Field Hockey, at Cortland, 3 p.m.

Men's Varsity Soccer, Lafayette, 7:30 p.m.

Wednesday, 10/14

Women's Tennis, Cortland, 4 p.m.

Women's Varsity Soccer, Rochester, 7:30 p.m.

Thursday, 10/15

Women's Jr. Varsity Field Hockey, at Hartwick

Women's Varsity Field Hockey, at Hartwick, 7 p.m.

The annual Earlybird Breakfast, open to alumni and friends of the Cornell Athletic Department, will be held Oct. 9 at 7:30 a.m. in the Robison Hall of Fame Room in Schoellkopf Hall. Laing Kennedy, director of athletics, will talk about his department and its future plans, and Coach Maxie Baughan will give a preview of the Cornell-Harvard football game to be played at 1 p.m. Saturday in Schoellkopf Field. There will be a charge of \$3 at the door for a continental breakfast.

Last week's scores

[X-Y Overall record to date]

Men's Cross Country [4-3]
Cornell 17, Cortland 46

Women's Cross Country [3-1]
Cornell 15, Cortland 49

Men's Varsity Soccer [2-4], Ivy League [0-2]
Cornell 0, Oneonta 6
Cornell 3, Adelphi 2

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Women's Varsity Soccer [5-2], Ivy League [2-0]
Cornell 2, Colgate 0
Cornell 4, Yale 0
Univ. of Conn. 2, Cornell 0

Student loses university housing over charges he harassed an RA

Cornell has revoked a junior's housing contract and he has left his campus residence after a resident adviser filed a complaint charging him with sexual harassment.

In addition, the student, Kevin G. Bartolotta, was arraigned Tuesday night in the Village of Cayuga Heights Justice Court on a charge of second degree aggravated harassment in connection with the harassment, which the resident adviser, or RA, said took place at the North Campus town houses on Sept. 24.

Bartolotta pleaded not guilty to the charges, and the case was adjourned until Oct. 13. Second degree aggravated harassment is a misdemeanor and carries a maximum sentence of one year in jail.

University officials and resident advisers reacted strongly to news of the incident that generated the complaint.

"Clear policies in place"

The alleged behavior "is absolutely unacceptable, be it in a residence or anywhere else on campus," said William P. Paleen, acting vice president for campus affairs and director of Residence Life.

"The university has clear policies in place on sexual harassment. We have been enforcing them and we will continue to."

Paleen's sentiments were echoed by Joycelyn R. Hart, the university's associate vice president for human relations, who stressed that, not only are there "policies prohibiting sexual harassment involving any member of the university community, but we have established grievance procedures for filing, hearing and judging complaints.

"Just last week, a report was made public noting that four of the sexual harassment complaints received by Cornell's Office of Equal Opportunity during the past academic year were resolved through resignations," Hart continued.

"There is a system, and the system is working."

Four resident advisers met with university officials on Monday, and 50 RAs voiced their concerns during a Residence Life reception the same day. Then, on Tuesday, Paleen met with seven RAs and three full-time members of the Residence Life staff to review their concerns and to reiterate uni-

versity policy.

Many unaware of policies

"It well may be that there needs to be better communication among personnel within Residence Life," he commented later, noting that many RAs apparently were unaware of the university's policies. "We also need more effective procedures within the residence halls to enable RAs and other Residence Life personnel to respond effectively to such incidents."

Also on Tuesday, Cornell Judicial Administrator Thomas J. McCormick said that he expects to file charges against the student over the same incident and that a hearing probably will be convened by the middle of next week.

Bartolotta was charged with harassment following the incident on Sept. 24 in which he went to the room of an RA in the North Campus town houses and asked for help getting back to his apartment. The RA said that the student appeared to be drunk and that she complied with his request. She has charged that, along the way, he made comments such as "I always wanted to be with a black girl," it was reported at Tuesday's arraignment.

In discussing the incident and the actions taken so far, Hart said that the university's policy "defines and provides guidelines for a prompt response, including formal grievance procedures. We have encouraged units of the university to clarify their procedures, including contacting the Office of Equal Opportunity immediately so we can assist in the effective handling of the complaint."

The office's pamphlet on sexual harassment, which was published earlier this year, defines sexual harassment and outlines how to deal with it through direct action, through reporting incidents and through following grievance procedures.

In the pamphlet, there is also a message to the community from President Frank H.T. Rhodes, in which he says, "We must make it unmistakably clear to every member of the faculty, to every employee and to every student that sexual harassment will not be tolerated."

Hart said, "The university's actions in this case are consistent with that position."

Initiatives Fund *Continued from page 1*

graduates. The sophomore engineering mathematics course (293-294), for instance, which Dean William B. Streett called "as important as any" in the Engineering College, will be totally redesigned under a \$63,360 grant to Joseph A. Burns, chairman of the Department of Mathematics, and R. Keith Dennis, chairman of the Department of Theoretical and Applied Mechanics.

And the introductory biology course for students not majoring in biology will be enriched and enlivened through the use of video in lectures and labs under a grant to Robert Turgeon and Carolyn Eberhard of Plant Biology. (The College of Agriculture and Life Sciences proposal also had support from Arts and Sciences, which will maintain new equipment. Such cross-college support is an asset in submissions.)

Some winners will affect just a few specialists immediately, although their

computer-program development may have more general application later. Linguistics Professor Donald Sola, for example, got \$20,000 support for computer-assisted language development in an Iroquois language (Mohawk or Seneca); and Richard Leed and Slava Paperno got funding to develop programs for studying the Russian language.

Emphases placed for next round

After faculty proposals have been formally endorsed by deans, they are reviewed by an advisory group composed of Rhodes, Palmer, Provost Robert Barker, and Joseph Bugliari, dean of the faculty. The review process may take place in as little as a month after submission.

In the next round of grants, which will disperse the first half-million dollars of the fund's second year, Palmer says special emphasis will be put on these three areas:

- Improving the quality of introductory courses, especially those for non-majors.
- Improving advising and counseling.
- Supporting faculty members and teaching assistants — especially new ones — who want to improve their teaching skills. Palmer soon will issue more details on round-three procedures.

The remaining winning proposals follow, grouped by college or school.

Agriculture and Life Sciences

- Studying the public-policy process in Albany (David Alee, agricultural economics).
- Developing videodiscs for teaching the cultural entomology course (Edgar Raffensperger, entomology; Geri Gay, Computer Services).

Architecture, Art and Planning

- Improving undergraduate courses in city and regional planning by forging links

with alumni and doctoral students (John Forester, Richard Booth, William Goldsmith).

Arts and Sciences

- Buying equipment to facilitate the teaching of an electronic-music course (Thomas Sokol, music).
- Hiring a director for the Jazz Ensembles (Stephen Singer and Anne West, Jazz Ensembles).
- Helping a dozen departments in the Arts Quad share video equipment and production capability (Jane Pedersen, Dean's Office; Eldon Kenworthy, government).
- Bringing a dozen science and engineering faculty members into a five-and-a-half-day seminar led by faculty members from classics, philosophy, history or literature (Lynne Abel, associate dean; Doug Fitchen, physics; Richard White, associate dean, engineering).
- Supporting a summer conference on science teaching, including six small liberal arts colleges in Cornell's region, all of which, as a seven-member cluster, will be seeking major Pew Foundation funding in the field of science education (Isaac Kramnick, associate dean).
- Funding a seminar on the implications of science for undergraduates, to supplement a broad course for non-majors (Yervant Terzian and James Houck, astronomy).

Human Ecology

- Supporting an enlarged community-service project for field-study students in New York City (Jennifer G

Cornell's New Faces

Each year, Cornell attracts a bevy of new professors to teach and do research. These pages are devoted to a few of them. We wish we could introduce every new faculty member individually, but space doesn't permit it.

The new faces on these four pages are representative of the rest. They vary in their interests, ages, backgrounds and experience. Some are fresh from graduate school, others are renowned authorities in their fields. For some, Ithaca has been their home before. For others, "central isolation" is a new way of life. It's interesting to note the number of newcomers who have been warned about Ithaca's winters. Didn't we all get off easy last weekend?

We hope you'll join us in welcoming these new faculty to Cornell. From a philosopher concerned with ethics to a biophysicist investigating the central nervous system, they reflect the university at its best.

Photographs by Claude Levett

W. Jay Gould

Americans own some 52 million cats, 50 million dogs, 40 million birds and an untold number of fish. Also kept as pets are an estimated 10 million "exotic animals" ranging from a \$3 hamster to a \$8,000 macaw, according to Dr. W. Jay Gould in the College of Veterinary Medicine.

Exotic pet animals refer to practically all kinds of small animals other than cats and dogs: reptiles, birds and small mammals such as gerbils, guinea pigs, rabbits and ferrets.

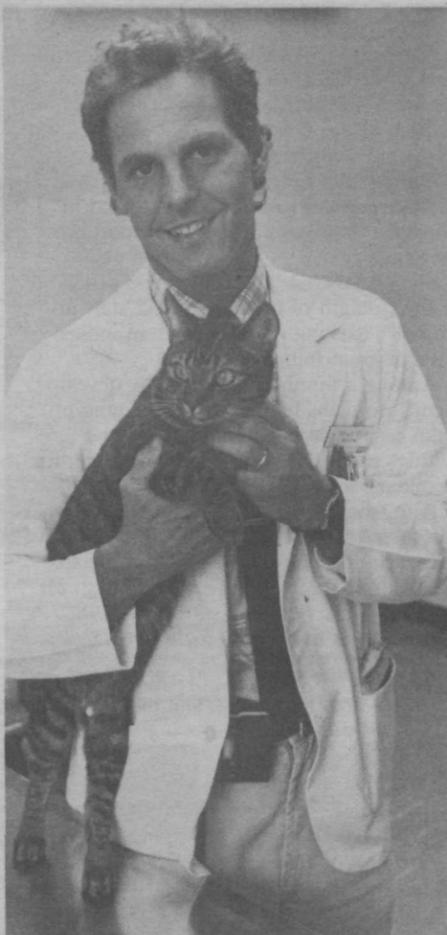
Gould joins the college as an assistant professor of medicine. He is a specialist in small-animal internal medicine and an expert on exotic pet animals. A diplomate in the American College of Veterinary Internal Medicine, he came to Cornell last year as an instructor in the Department of Clinical Sciences.

Cornell is not new to Gould: He is a 1976 graduate of the college. He did his internship and residency at the Animal Medical Center in New York City. From 1984 to 1986, he worked in a private practice in Huntington on Long Island. He also served as an adjunct instructor for the University of Maine.

While in private practice, Gould worked as a part-time model for clothes and various products for advertising in catalogues and magazines and on television. The modelling took him to many parts of the country and the world, including England, Italy, Hawaii and the Caribbean area.

He said he modelled because "vet medicine doesn't pay very well compared with human medicine. So I wanted to make some money. Besides, I wanted to travel."

At Cornell, Gould will divide his time among clinical service, research and teaching. He plans to teach a course on avian



medicine this fall, and two courses next spring — diseases of exotic pets and gastroenterology of small animals. His research interests include reproductive problems and viral diseases affecting pet birds.

— Yong H. Kim

Steven H. Shiffrin

En route to his post as a Cornell Law School professor, Steven H. Shiffrin paused to perform a public service. "Judge Robert Bork is no friend of the First Amendment," he wrote in a report requested by Senator Edward Kennedy (D-Mass.).

Shiffrin asserted that the record of President Reagan's Supreme Court nominee "displays a fundamental insensitivity to the evolving traditions of the American Constitution." As to the assertion that Bork's views fall within the mainstream judicial tradition, such a "White House characterization is a fraud," he said.

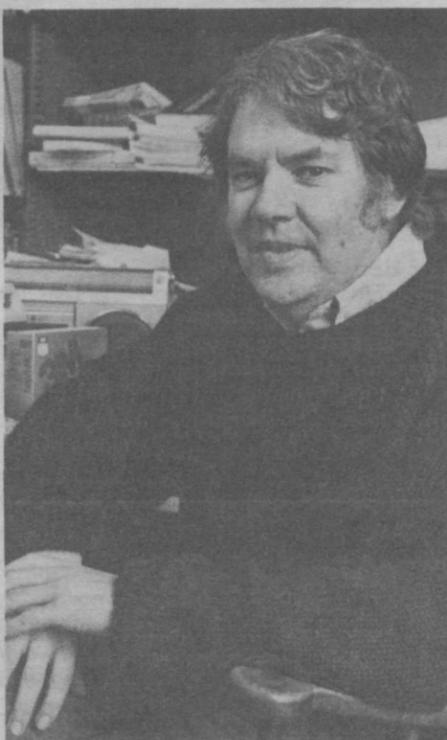
These strong views came from a genial and good-humored legal scholar who said he moved happily from the University of California at Los Angeles to Cornell because "I simply concluded that, for me and my family, Los Angeles had become an unlivable city!"

Shiffrin is finding Ithaca a wonderful place in which to live and to raise two small children, Benjamin, 6, and Jacob, 2. He admits, though, that his wife, Neesa Levine, is experiencing "major culture shock" compounded by a complex series of moves that took the family from Los Angeles to Boston to Los Angeles to Ann Arbor to Los Angeles to Cambridge to Ithaca.

Shiffrin spent the last year as a visiting professor at Harvard Law School and the fall of 1984 as a visiting professor at the University of Michigan.

He described the difference in housing costs between Ithaca and Los Angeles as "staggering." Here he is able to live much closer to the university and in a much more commodious house. Shiffrin took note last year when his childhood home near the UCLA campus went on the market as a "fixer upper" for \$695,000.

Shiffrin is co-author of a widely used



casebook in constitutional law, and he is now working on a book entitled "The First Amendment, Democracy and Romance."

The reference to romance is not about the extra-curricular activities of law students, but a contrast to the rationalism that marks one constitutional view, namely reasoning in the mold of moral geometry from fixed abstract premises. Shiffrin's is the romantic view, that "social reality is fragmented, complex, flexible, constantly changing," requiring "a constant possibility of change, a flexible open-minded tolerant approach."

— Irv Chapman



Joel Porte

It's still September and Joel Porte has lived in Ithaca only eight weeks, so naturally he's still "waiting to find out what's wrong with the place."

"People tell me it's the winters," said the new Frederick J. Whiton Professor of English. "Well, winter might not be as severe in Boston as it is here, but it's still sloppy."

Boston — more specifically, Cambridge — is where Porte spent the previous three decades, teaching at a place called Harvard, where he also earned his master's degree and doctorate. For the past two years, he was chairman of the English Department. Then he took the unusual step of leaving an Ivy League chairmanship for another university.

"I wanted to try another university before it was too late," explained Porte, 53, who is "one of the top three or four Emerson scholars in the world," according to a Cornell colleague, Professor Robert Morgan. "Getting him was quite a coup for Cornell," Morgan said.

Porte, who is the author of several books on Emerson and editor of the Journals of Emerson and a volume of Emerson's work,

will be teaching graduate and undergraduate classes, including a freshmen seminar.

Cornell and Porte filled each other's needs nicely. The English Department here was searching for an accomplished scholar of 19th and 20th century American literature. Porte, just such an expert, had exhausted his desires for administering a department and was looking to isolate himself from bureaucratic details, a difficult task in a small department.

"Cornell's English Department is twice the size of Harvard's," Porte said. "Moving from Harvard can be difficult [because of its resources]. But Cornell has a wonderful library, fine students and a terrific English faculty. Cornell is the principal competitor with Harvard for English graduate students."

He added that he is looking forward to "living a more rural life and cutting out all of that commuting."

Porte's wife, Helene, is a psychologist and will be teaching here in the Departments of Psychology and of Human Development and Family Studies.

— Mark Eyerly

Cathy C. Campbell

Cathy C. Campbell joins Cornell's Division of Nutritional Sciences as an assistant professor of nutritional sciences. The division is a joint unit of the College of Human Ecology and the College of Agriculture and Life Sciences and one of the leading academic units of its kind in the United States.

A specialist in food and nutrition policies and community nutrition programs, Campbell comes from the University of Toronto, Canada, where she was an assistant professor in the Department of Nutritional Sciences in the Faculty of Medicine for the past two years.

Working through Cornell Cooperative Extension, Campbell will devote much of her time to fostering community nutrition programs, especially for older adults. Her research interests include, among other things, community nutrition programs and the influence of national food and nutrition policies on the food system.

Campbell said she is particularly interested in how social and economic factors, and to some extent political factors as well, influence what, how and why people choose the food they eat.

Her goal is to help improve the health and the quality of life of people, and food, she observed, contributes to well-being in a significant way.

A native of Canada, Campbell was a community health nutritionist for the Edmonton Local Board of Health for nearly three years. She holds a bachelor of arts degree in English from the University



of Manitoba. She studied biology and biochemistry for six semesters at Simon Fraser University in Vancouver, B.C. She holds a master of science degree and a doctorate, both in nutritional sciences, from Cornell.

— Yong H. Kim

John M. Abowd

John M. Abowd, a new associate professor in the School of Industrial and Labor Relations, said that "the school's labor economics department is good and I was interested in becoming a part of it."

He came to Cornell from the University of Chicago, where he was an associate professor of econometrics and industrial relations in the Graduate School of Business.

During his term at Chicago, which started in 1982, he held a visiting research position in industrial relations in Princeton University's Department of Economics.

Abowd is teaching labor economics and collective bargaining this semester and next semester will teach an economics course in the Johnson Graduate School of Management. His area of research involves the returns to union members and stockholders resulting from collective bargaining.

He received his A.B. from the University of Notre Dame and his A.M. and Ph.D. from the University of Chicago, all in economics. Since 1983, he has served as associate editor of the *Journal of Business and Economic Statistics*.

He was an academic consultant in the Centre for Labour Economics at the Lon-



don School of Economics and has taught at Massachusetts Institute of Technology.

— Albert E. Kaff

Charlotte Heth

Charlotte Heth took over as director of Cornell's American Indian Program this summer after serving 11 years as director of the American Indian Studies Center at the University of California at Los Angeles, one of the most extensive in the country.

A specialist on American Indian music and dance, she will teach courses as a visiting professor in the Department of Music in addition to her administrative responsibilities.

Heth has traveled to all corners of the North American continent to record and videotape Indian dance and song in a race against time. She is attempting to preserve her culture's heritage for posterity.

Predicting that her future at Cornell will be "very productive," Heth said she was "impressed with the openness to new ideas at Cornell and the willingness to support them."

The response to a conference on campus Sept. 11 and 12 on the Iroquois nation's contribution of fundamental ideas to the authors of the U.S. Constitution was "incredible," as nearly 400 scholars, native Americans, and members of the Cornell and surrounding community gathered in "an open dialogue of historic proportions," she said.

She added that "the conference was proof of the strength of the faculty and staff in Cornell's existing program and an indication of great things to come."

Among a number of upcoming developments are plans for a summer training program on American Indian history and culture, particularly in New York State, for secondary school teachers, she said.

Also, the Native American novelist James Welch will teach creative writing and Native American literature as a visiting associate professor in the Department of English for three consecutive spring starting in 1988. A search also is under way for a new faculty



position in American Indian studies.

Heth was born near Tulsa, Okla. She wrote her doctoral dissertation at the University of California at Los Angeles on the Oklahoma Cherokee stomp dance music, which she had witnessed from childhood, along with other Cherokee celebrations, during weekend visits to her grandparents.

She was instrumental in developing and implementing an interdisciplinary graduate program in Indian studies at UCLA.

— Martin B. Stiles



Margaret G. Wilder

A professional lifetime researching changing patterns of urban housing was not the slightest help to Margaret G. Wilder when she arrived in Ithaca and went apartment-hunting.

"I have a 15-year-old son and a 2-year-old Labrador retriever," said the new assistant professor of city and regional planning. "To rent a place when you have a child and a dog, the probabilities are substantially reduced in the Ithaca housing market. The only thing that helped is that I'm a tough person and won't give up. So my advice to anyone moving here would be: just be stubborn about it."

Now that she is settled in, Wilder is enjoying her surroundings. "I like being in a landscape that so is so clearly the result of physical processes," she said, noting that she is "a geographer by training," a reference to her Ph.D. from the University of Michigan. "I often wonder if the students realize that what they're looking at is the result of millions of years of geomorphology."

Wilder has found that Cornell's students have varied vocational goals. "Many of the students are interested in working not in the bureaucratic structure that runs public housing, but in organizations that are trying to effect change, either through innovative, self-help, grass-roots efforts, or through their own individual entrepreneurship as development specialists or community organizers.

"There's a real dearth of fresh ideas, a general malaise and frustration at urban policy right now," Wilder believes.

In her view, "the dramatic change in the structuring of the economy, which has created excessive unemployment and increased the demand for housing, welfare and health services," has exacerbated the long-standing problem of housing low-income persons to the point of crisis.

Wilder's research plans range from evaluation of enterprise zones in several urban contexts to the factors that produce change in housing submarkets in a city such as Pittsburgh. She finds Ithaca conveniently equidistant from a number of large cities.

She admits that studying big cities while not living in one means that "you lose some of the intuition and sense of knowing cities you would have if you were actually a resident of a city." On the other hand, "What you gain is an objectivity and a healthy curiosity about those cities that might be dulled if you lived in one of them," she added.

— Irv Chapman

Soo-Young Lee

Soo-Young Lee was attracted to Cornell because of the reputation of the electrical engineering department and of the Theory Center, where he can use state-of-the-art equipment to explore new ways of programming computers to "see."

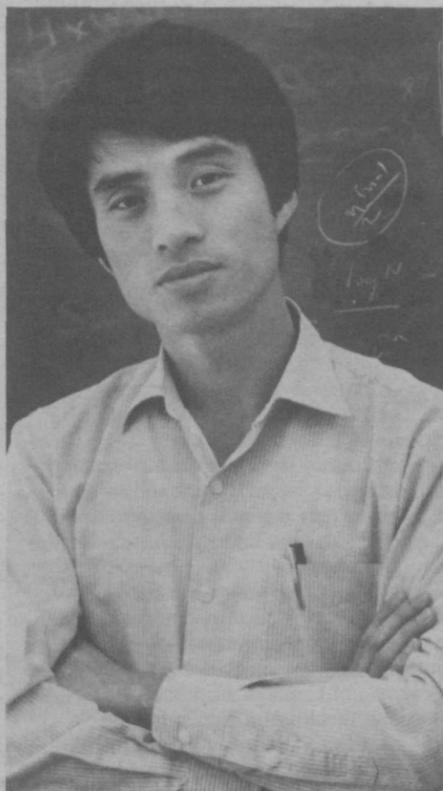
Lee uses the center's "Hypercube," an experimental computer from Intel Corp. that processes information in parallel — dividing a problem into pieces and working on the pieces simultaneously.

Such parallel processing is the only way computers will learn to process the immense amount of visual information in a scene as it happens, Lee said.

When he's not working on computer vision, Lee, an assistant professor of electrical engineering, tries his hand at Ping Pong and tennis and enjoys the sights of Ithaca. "I like the trees and the scenery, and the Cornell campus is really beautiful," he said.

Lee received his B.S. degree in electronic engineering from Seoul National University in South Korea and his M.S. degree from the Korea Advanced Institute of Science. He finished his Ph.D. this year at the University of Texas at Austin and arrived on campus in July.

— Dennis Meredith



Henry Shue

For Henry Shue, Cornell offers the opportunity to create a major national center to train philosophers and political scientists to teach ethics and public policy.

It also offers a chance to live in the country, on a rise opposite the Turkey Hill State Forest, at eye level with the hawks that fly by. "It's spectacularly beautiful," he said, and he and his wife can put behind them all the commuting they did during the past 11 years for their two-career marriage. Vivienne Shue, a China scholar, recently ascended the chair of the Government Department.

"I am genuinely amazed at the interest that's here," Shue said of the Program on Ethics and Public Life which he came to direct. Some of his Cornell colleagues have been getting together already for seminars on ethical issues, and Shue noted that President Frank H.T. Rhodes has expressed the feeling "that the various professional fields have become narrow and technical and have stopped engaging in systematic and rigorous examination of the values and purposes of those fields."

Shue recalled that the Vietnam and Watergate period gave rise to new interest in fundamental moral issues in both public affairs and scholarly life. At the same time, he said, academics were asking, "Why can't we talk about the same issues that all the great philosophers used to talk about, the great political and social issues of the day?"

Shue grew up in Virginia and was active in anti-machine-state politics, but he turned to philosophy for his graduate study at Princeton. He was a Rhodes Scholar at Merton College, Oxford, and taught at the University of North Carolina and Wellesley until he joined a small Washington think tank in 1975.

A year later, Shue and a colleague founded the Center for Philosophy and Public Policy at the University of Maryland, a research institute that brought academics and policy makers together. Senate staffers came to the center to find a link between ethical considerations and the stuff of legislative decisions.

"You have to be able to think of issues like: What is the national interest? What is national security? Is there a balance of power? What is deterrence, and how does it actually work? And then you bring the morality into it," Shue said.

He does not see his role at Cornell as instilling ethics in whatever amoral students happen to enroll. "That probably a university can't do," he said. "My own view is that, if parents don't succeed in giving their children consciences, universities can't serve as remedial parents. What we can do is teach people to think in a systematic way about ethics, to show students that you can reason about ethics just as you can about science and economics."

— Irv Chapman

Arturo Inda

Arturo Inda, assistant professor of food engineering in the College of Agriculture and Life Sciences, is a specialist in food rheology, which he defined as the study of why foods are gooey, elastic, viscous, crunchy or crisp.

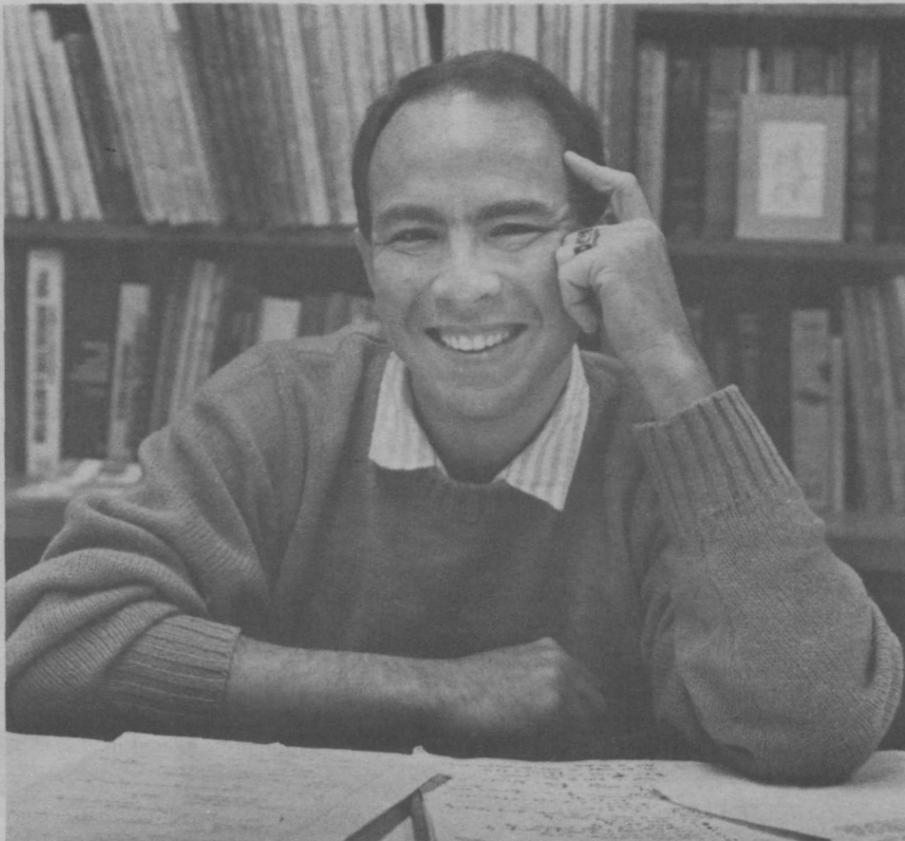
His research interests include understanding the rheological behavior of foods such as a popular Brazilian dairy dessert called "doce de leite" (milk sweet). A similar dairy dessert is known as "delce de leite" in Argentina and as "cajeta" in Mexico.

Inda comes from Mexico, where he has worked as a food scientist for the past five years. He served as technical director for the past three years for Tec-Lac Consultores, a dairy company in Saltillo, where he was responsible for quality assurance and development of new food products.

Before that, he was head of the food research department for two years at the Center for Research in Applied Chemistry, also in Saltillo. He was involved in research into extending the shelf-life of fresh vegetables and utilizing waste materials for feed.

Understanding the rheological factors of food items is essential for the development of new food products in terms of design, processing and use of the right ingredients, Inda said. He plans to teach a course in rheology in the future; this semester, he teaches a course in food engineering.

Inda holds a bachelor of science degree in chemical and industrial engineering from the Monterrey Institute of Technology in Mexico and a bachelor's degree in chemical engineering from the University of Wisconsin at Madison.



He holds two master of science degrees — one in food science and technology and the other in chemical engineering — and a

doctorate in food science and technology, all from the Massachusetts Institute of Technology.

— Yong H. Kim

Mary Sansalone

Mary Sansalone, who received an M.S. (1984) and Ph.D. (1986) in civil engineering from Cornell, returns to the university after having spent 1986 as a research structural engineer at the National Bureau of Standards in Washington, D.C.

During her tenure there, she helped to analyze data on the structural soundness of the United States embassy in Moscow as part of the overall investigation of the building and security breaches there.

Back at Cornell, she will continue to refine a new method she invented, as part of her graduate work at Cornell and summer work at the N.B.S., to test the soundness of concrete, metal and other structures. When the method becomes a standard testing techniques, engineers will be able to send a burst of high-frequency sound waves into a structure and analyze the echoes to detect flaws with great precision.

When she's not studying flawed materials Sansalone likes to view the world from astride a horse, and her return to Ithaca offers opportunities for frequent rides in the nearby woods. Last spring, she became an international horsewoman, spending two weeks riding in the Chianti Hills of Italy. She also plans to get back into her favorite sports of field hockey and soccer.

Besides Cornell, she also attended Trinity College and the University of Cincinnati, where she received her B.S. degree in civil engineering.

— Dennis Meredith



Lois Schertz Willett

Lois Schertz Willett says that moving from the ranks of students into faculty "certainly is a challenge but I am very enthusiastic about my new position."

Willett received her Ph.D. in agricultural economics from the University of California at Davis this spring and was appointed an assistant professor in Cornell's Department of Agricultural Economics starting this semester.

"I am doing research on the marketing and price determination of specialty crops in New York State," she said. "Specialty crops include agricultural products such as fruits, vegetables, ornamental plants and maple syrup. Next semester, I'll be teaching a course on agricultural prices."

One of Willett's specialties is the economic structure of the honey industry on which she based her dissertation. Her latest research also dealt with marketing in the asparagus industry.

"Ithaca weather certainly is different than

California, but I'm enjoying it here very much," she said.

Willett grew up in Virginia and received her B.A. in mathematics and economics from the College of William and Mary and her M.S. from Dartmouth College with research on modeling systems and policy analysis.

"The resources here at Cornell are quite good and provide me the opportunity to continue research on specialty crops in which I am interested," she said.

While a summer research assistant in the U.S. General Accounting Office, Willett analyzed U.S. farm structure and the modularization of food packages and studied the impact of deregulating the air industry.

Replying to a question, she said she was looking forward to meeting Economics Professor Alfred Kahn, who carried out deregulation while chairman of the Civil Aeronautics Board.

— Albert E. Kaff



Nancy E. Bell

Nancy E. Bell starts her new career as a professor after coming close to dedicating her life to running a business.

After earning a bachelor's degree in philosophy from the State University of New York at Binghamton in 1974, Bell headed west and spent seven years in New Mexico managing a dining room, two restaurants and, finally, an architect's office.

"My feeling was to go back to school for an M.B.A. so I could move into a management position in a better environment and with better pay," she said.

She enrolled in the business school at the University of New Mexico. "I was hooked when I took my first course in organization

and decided that what I really liked was research and the scholarly side," Bell said.

After completing her M.B.A. work at New Mexico in 1983, she moved on to the University of California at Berkeley to study for a Ph.D. in business administration, which she expects to receive in December. Her dissertation is entitled, "The Assignment of Blame in Organizational Settings."

She joined the Cornell faculty this semester as an assistant professor of behavioral science in the Johnson Graduate School of Management. She's doing research this semester, including a paper on how people react to crises and losses in an organization. Next semester, she will teach courses in negotiations and managing groups.

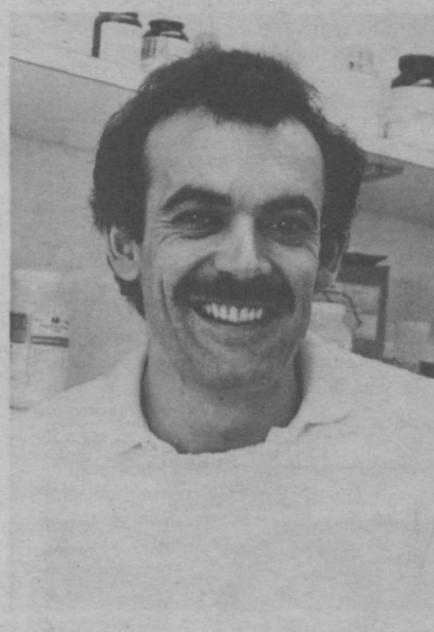
"The job market was good last year, and I visited a number of places in seeking a faculty position," Bell said. "I selected Cornell because I got the feeling that an assistant professor would be accepted here as a full member of the academic community."

"In some places, I felt that I would be junior for quite awhile. At Cornell, at least in the Johnson School, junior faculty are given a lot of choice as to what they will teach. In other schools, junior faculty get the leftovers."

Bell already is collecting honors. A 1986 paper which she wrote for the Administrative Science Quarterly won the Academy of Management's award for the best research paper of the year.

Bell said she was impressed by Cornell's "level of support for research and quality teaching and the interdisciplinary approach. And they are such nice folks here . . . And they are paying me well for doing something I love, which I probably would do for free."

— Albert E. Kaff



Anthony Brown

"Some of the most interesting discoveries are made by people who spend more time thinking than working," said Anthony Brown, an assistant professor at Cornell Medical Center.

A person can keep himself busy running experiments, especially by building on the work other people are doing, but that yields incremental advances in knowledge, he explained.

"If you spend more time educating yourself — reading and studying problems and then thinking about them — you're more likely to arrive at inventive experiments that take you into inquiries of your own," Brown, 33, observed.

Brown's research currently centers on the

oncogenes that cause mammary cancers in rats and in human beings. He came to New York last June from the University of California at San Francisco where he did a second tour of postdoctoral research. The first was in Strasbourg, France, where he first became involved with investigating the gene int-1. Int-1 plays a role in the development of the central nervous system. Occasionally, in a mouse's mammary gland, a retro virus cell will turn on the gene, causing a tumor, Brown explained, adding that the exact cause of breast cancer in humans is less well known.

This year, while he sets up his laboratory, Brown will do research full time. Next year, he will teaching courses in his department, Cell Biology and Anatomy.

His first teaching stint was unusual: For six months after leaving boarding school and before entering Christ's College at Cambridge, he taught chemistry, among other subjects, in an international school in Teheran, where his father was stationed with the Royal Navy.

"There was no one else teaching chemistry there, so I was the department head; 18 or so at the time and teaching 15- and 16-year-olds," he recalled.

In his new location on York Avenue in Manhattan, not far from the Sloan-Kettering Cancer Research Center and Rockefeller University — "the nucleus of molecular biological research," as he called it — Brown expects to spend time with colleagues sharing conversations about research over cups of coffee.

That's a part of the way he works. As to why he works, he said, "What's really interesting about this work is finding technical ways to answer the kinds of questions that come from thinking. That's the intellectually satisfying aspect of it."

— Carole Stone



Owen P. Hamill

Biophysicist Owen P. Hamill produces split-second resolution of molecular events that underlie nerve impulses in the brain. His research is providing new insight into how the central nervous system functions and what may go wrong when the brain is afflicted with diseases such as epilepsy.

The assistant professor of neurobiology, who joined the biological sciences faculty last year, uses a technique developed while he was a postdoctoral researcher in Germany's Max Planck Institute. The technique enables high-resolution recording from individual neurons of the mammalian brain.

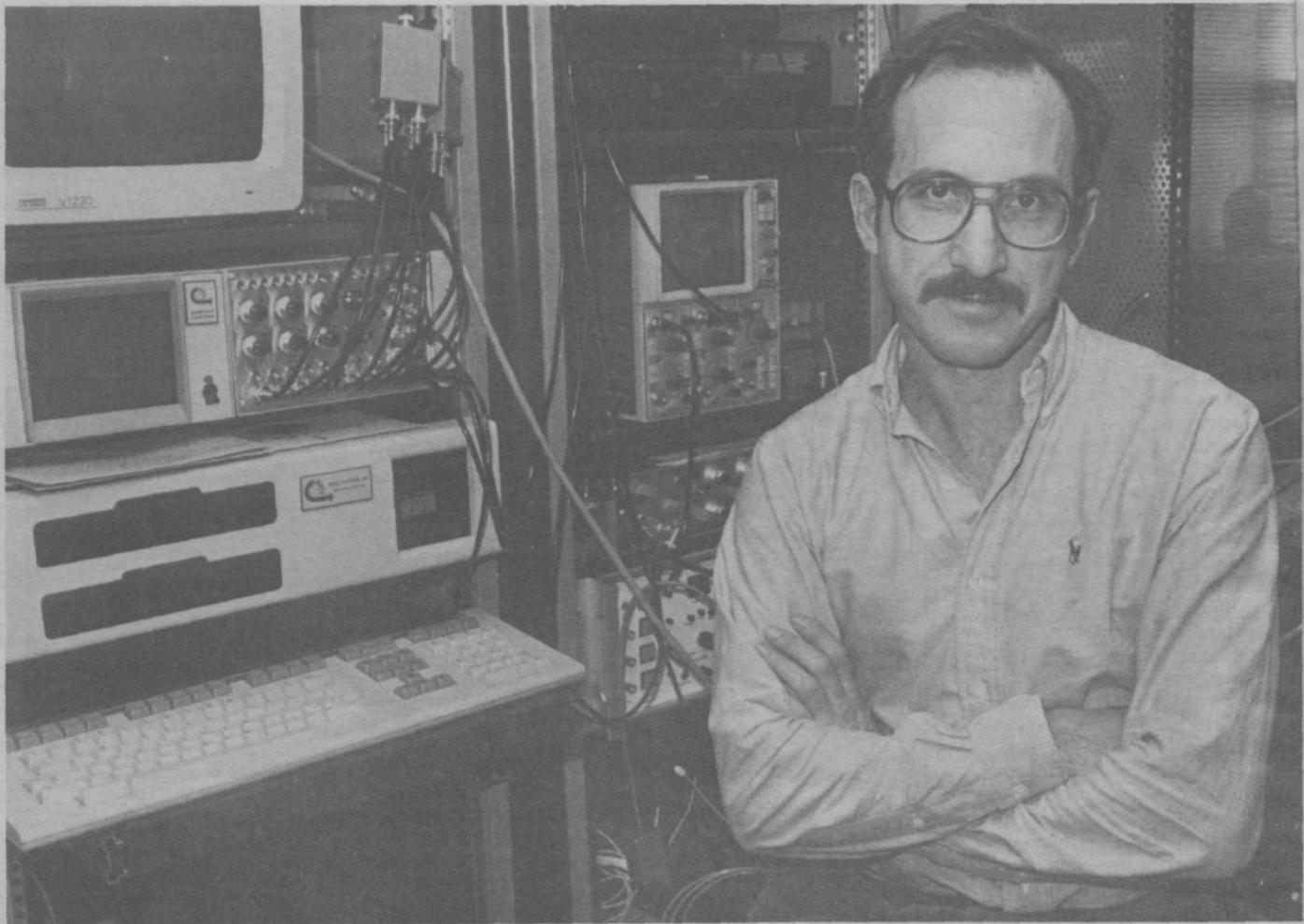
"We can now directly resolve the electrical behavior of single protein molecules that form membrane ion channels in nerve cell membranes," he said, demonstrating equipment in his Mudd Hall laboratory.

Hamill is interested in both the genetic and developmental aspects of the central nervous system, and receives research research from a variety of federal, university and foundation sources. His work on new approaches to understanding epilepsy is supported by a Klingenstein Fellowship.

Studies here are conducted on rats and mice, although the same techniques have been applied to human brain tissue obtained from biopsies following neurosurgical procedures.

"I am trying to understand at the cellular and molecular level the functional properties of the neocortex and how these properties develop. We know little of the nature of the signals that enable dividing neurons in the embryo to migrate to their correct position in the highly organized cortex, and then acquire their correct physiological properties," Hamill said.

"If we can understand these normal processes, we will be in a better position to understand how things can go wrong in cor-



tical diseases such as the epilepsies," he added.

A native of Australia, Hamill earned his Ph.D. in biophysics from the University of Sydney in 1978, then worked in the Max

Planck Institute of Biophysics from 1979 to 1984. In 1985 he was a visiting professor in the neurology department of Stanford University.

Hamill said he was attracted to Cornell

by its concentration of membrane receptor and channel experts. He teaches a course on these subjects, as well as the biophysics part of the 200-level neurobiology course.

— Roger Segelken

Jean M. J. Frechet

The complex and promising field of polymers is chemist Jean M. J. Frechet's field of expertise.

His arrival at Cornell highlights a renewal of emphasis in the chemistry department on polymer chemistry, in which the department has excelled in the past. The department's polymer science research and training program is funded by a \$2-million grant from IBM and \$200,000 from S.C. Johnson & Son, Inc.

Frechet, a professor of chemistry, is already at work on efforts to construct and test a wide variety of polymer molecules, including those that could be used in microelectronics and in optoelectronics, which are a marriage of optical and electronic components. He also is investigating the possibility that polymers could be built to serve as "artificial enzymes" to aid chemical reactions.

One of his research efforts is to develop liquid crystal polymers that react to magnetic fields — essentially "plastic magnets." These could serve as the basis for superfast printers that could print an entire page in the time it takes current laser printers to print a line.

Frechet was born in France and educated at the university in Lyon in chemistry and chemical engineering. He received his Ph.D. in organic-polymer chemistry from the State University of New York College of Environmental Sciences and Forestry and joined the faculty at the University of Ottawa in



1973. There, he served as a professor of chemistry and vice dean of graduate studies and research. He also holds a Ph.D. degree from Syracuse University.

He will teach both undergraduate and graduate courses in organic chemistry and polymer chemistry.

His wife Janet is particularly pleased to be returning to the central New York area, for she was born in Waverly.

— Dennis Meredith

Mark F. Lenzenweger

Clinical psychologist Mark F. Lenzenweger, a new assistant professor of human development and family studies, is hoping that his research at Cornell may help discover a way to prevent mental and personality disorders.

"Most clinical psychologists focus on treatment and testing, but I want to know what causes mental illness and how we can intervene to prevent it," said Lenzenweger, 27. To do that, he needs to work with people who may or may not develop a mental disorder, and who never have been diagnosed as mentally ill or received treatments, so that he can record the earliest signs of mental illness.

At Cornell, Lenzenweger is setting up a psychopathology laboratory and will teach a graduate seminar and an undergraduate course in atypical mental development.

"Unfortunately, many researchers do not have adequate clinical experience and too many clinicians are not well informed about current research. I pride myself on a great deal of experience in both areas," added Lenzenweger, who earned M.A. and Ph.D. degrees at Yeshiva University and an undergraduate degree from Cornell in 1981.

His previous work includes research on schizophrenia at the New York State Psychiatric Institute and on personality disorders at Cornell University Medical College, and a clinical internship at the New York Hospital-Cornell Medical Center.

He was a post-doctoral research fellow



under Professor Armand Loranger and worked on the psychometric development of the Personality Disorders Examination, a project sponsored by the National Institutes of Mental Health and the World Health Organization.

When Lenzenweger was a Cornell undergraduate majoring in psychology, it was Robert Dworkin, then in Cornell's psychology department, who stimulated his interest in psychopathology. Dworkin now holds appointments at Columbia and Yeshiva universities, and was Lenzenweger's chairman at Yeshiva. The two have collaborated on several papers and presentations.

— Mark Eyerly



Craig C. Lundberg

Craig C. Lundberg's reason for returning to Cornell, where he earned his Ph.D. in 1966, was simple:

"I have had a long-standing belief that Cornell is a quality institution, and I like to be a part of that kind of organization," said the new professor in the School of Hotel Administration.

But his reason goes deeper. The new Blanchard Professor of Human Resource Management joined the Cornell faculty from the Graduate School of Business Administration at the University of Southern California.

"In the Hotel School, I will have the opportunity to focus my efforts on service industries," he said. "Service industries are very important today, but most business schools are not paying particular attention to them. The Hotel School forces me to be in services. And I'll have terrific colleagues in Hotel and the other schools at Cornell."

Lundberg, whose major research deals with influences on organizational culture, is teaching organization process and design and co-teaching principles of management.

He received his B.B.A and M.B.A. from the University of Washington in Seattle before pursuing his doctorate in organizational behavior at Cornell.

In addition to Southern California, he has taught at the State University of New York in Binghamton, Oregon State University, Pepperdine University, Southern Methodist University, the Wharton School of Finance and Commerce at the University of Pennsylvania, the University of Western Ontario and the University of Washington.

"I know the complaints about rain and snow in Ithaca," Lundberg said, "but the truth is that Ithaca is a wonderful environment."

— Albert E. Kaff