

CORNELL Chronicle

Volume 26 Number 25 March 16, 1995

RETIREMENT DEADLINE

March 17 is the deadline for OPE employees to sign up for early retirement.

ALL IN THE FAMILY

Visiting Spanish scholars make it a family affair.

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Senior Jeffrey Marcus awarded Churchill scholarship

By Roger Segelken

Jeffrey Marcus of Hastings-on-Hudson, a Cornell senior who will graduate in May with a bachelor of arts degree in ecology and evolutionary biology, has been named a recipient of a Winston Churchill Foundation Scholarship to England's Cambridge University.



Marcus

The Cornell student is the son of Martin and Laura Marcus, 70 Overlook Road, Hastings-on-Hudson, and a 1991 graduate of Hastings High School. Starting this fall at Churchill College of Cambridge University, Marcus will pursue a master of philosophy degree in genetics.

One of 10 such fellowships awarded each year by the Winston Churchill Foundation of the United States, the scholarship provides for a year of graduate study in engineering, mathematics or science. Candidates are se-

lected for excellence in academic work as demonstrated in the undergraduate record and the GRE exams; for possessing strong qualities of independence, initiative and adaptability; and for demonstrating a concern for critical problems of society.

At Cornell, Marcus was selected as a Dean's Scholar, beginning in his freshman year, and has been named to the Dean's List in the College of Arts and Sciences every semester. He served as vice president of the Cornell Chapter of B'nai B'rith Hillel, as a

peer adviser to new undergraduate students in biology and as a nursing home volunteer. His sports activities at Cornell included swimming, cross-country and alpine skiing.

Marcus was honored with a Shackleton Point Scholarship at the Cornell Biological Field Station in the summer of 1992, a National Science Foundation Research Experience for Undergraduates Award in the summer of 1993 and a Pew Charitable Trust Summer Undergraduate Fellowship in Systematics in 1994.

Jobless benefits found to impact mental health

By Susan Lang

If you collect unemployment benefits, you are no more likely to be depressed than employed people. But if you are on welfare and looking for work, you are at significantly higher risk for depression and disease, according to a new Cornell study.

"While both unemployment and welfare benefits help relieve economic deprivation during unemployment, only unemployment subsidies have the psychological benefit of protecting against depression, regardless of household income, socioeconomic status and length of unemployment," said Eunice Rodriguez, a socioepidemiologist and health services researcher in the Sloan Program in Health Services Administration.

"Welfare, on the other hand, has a stigma and is viewed too much like charity to offer protection against mental health problems," she said, noting that, in addition, people on welfare are the most vulnerable in terms of health and resources. "Our findings suggest that cutting welfare benefits without providing viable alternatives not only could exacerbate human suffering and the level of illness in the population, but also would increase the use and costs of health and mental services."

Previously, researchers have found links between unemployment, poor psychological health and poor general health perception. Studies also have shown that informal support systems, such as friends and relatives, can buffer against the negative effects of unemployment. Rodriguez, however, is one of the first to study unemployment and formal support systems.

"Studying the health effects of unemployment and economic instability is of paramount importance in today's economic climate, in which major corporations are

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Pretty as a picture



Charles Harrington/University Photography
From left, Amanda Dvorshock, Alexa Wright and Gennie Eaton enjoy the dress-up booth last Saturday at the Cabin Fever Festival in Barton Hall. Preliminary figures show that more than 4,300 people attended and well over \$15,000 was raised for the Ithaca Community Childcare Center.

Carl Sagan takes medical leave

Carl Sagan, the David Duncan Professor of Astronomy and Space Sciences at Cornell, is taking a temporary leave of absence effective March 13 to be treated for a rare, curable bone marrow disease.

"I fully expect to be back at Cornell by next semester," said Sagan, 60, director of the Laboratory for Planetary Studies. He added that his condition is not cancer, but may develop into cancer if it remains untreated.

Sagan is teaching one course this semester, Astronomy 490, Seminar in Critical Thinking. Yervant Terzian, chairman of the Astronomy Department and the James A. Weeks Professor of Physical Sciences, will fill in for Sagan for the remainder of the semester.

"I am extremely grateful to Professor Terzian for being willing, on short notice, to complete the teaching of my senior seminar," Sagan said.

Sagan expects to continue supervising his research program, but has cancelled or postponed previously scheduled speaking engagements during this term. He is making appointments for the fall.



Sagan

New times for papers' delivery

Effective today, the times at which the Cornell Chronicle, Cornell Workplace and Networking are distributed on campus will change.

Under a new distribution system, the papers should be delivered to their usual destinations by Thursday afternoon. This change will streamline delivery and cut costs.

Student panel discusses marriage, divorce, family value issues

By Denise Taylor

Is marriage essential to have a successful family? Should there be any difference in the male and female roles in marriage and raising children? Representatives of atheist, Jewish, Mormon and Muslim organizations on campus addressed such questions last Thursday in a student panel discussion of family values.

The event, sponsored by the Latter Day

Saint Student Association (LDSSA), began with the panel members and an audience of about 20 at Plant Sciences listening to a recording of Harry Chapin's "The Cat's in the Hat." Jonathan Hammond, president of LDSSA and moderator of the discussion, noted that the song showed "the importance of the example of a parent in the development of a child," one of the issues the panel had been directed to address.

Hammond said the discussion was "not a

debate, but an attempt to discover what other people think" about family values. Five prepared questions were posed to the representatives beforehand so they could discuss their responses with their respective organizations. Panel members presented the opinions of students in their groups and not necessarily the stance of their particular religion or organization before opening the floor to general discussion and questions.

Rohan Oberoi, speaking for The Society

for Un-Belief, said there was generally a consensus on most issues within his group. Stressing there is no particular doctrine behind his group, Oberoi said there was not much certainty about what the group wanted their individual families to be like aside from the desire that "people who spend a lot of time with each other should care for each other." Oberoi also said his group felt that roles of men and women in marriage and

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LETTER

Disagrees with anthropologist's destruction theory

To the Editor:

Last week's *Chronicle* interviewed anthropologist David Price, who said, "A collapse of the Earth's human population cannot be more than a few years away."

This extreme and frightening statement was based on a common misapplication of the Second Law of Thermodynamics. Dr. Price applied the Second Law to the planet Earth to show that the energy stored in the Earth will "lose its ability to do work over the course of time." But the Second Law only applies to closed systems, and the Earth is far from a closed system. It receives energy from the sun at a rate hundreds of times higher than what would be needed by any human population. Coal reserves are expected to last for at least another 100 years (not "a few years from now"). But even without fossil fuels, sunlight can be used directly to produce electricity. Solar cells have become cheaper and more efficient. Another possibility is that safe thermonuclear power plants may be developed before the time when fossil fuels run out. There is a virtually unlimited and inexpensive supply of deuterium in the oceans as the fuel for such plants.

Fossil fuel energy is based on burning carbon (in biomass) to form carbon dioxide, which is a lower and unusable form of energy. But the carbon dioxide is not lost; it is stored in the atmosphere and oceans. Price has overlooked the fact that the sun via photosynthesis converts the carbon dioxide back to biomass, which is a higher and usable form of energy.

There is a population crisis, but not for the reason given by Price (that an energy limit will suddenly be reached). The limits to worry about are food production, fresh water to grow the food and pollution. Ending the current population explosion is the most important problem facing us. If the population should happen to overshoot the food and water limits, there might be social disruption (wars) and as in many past occasions the population size would readjust. It would not be the end of the human species as suggested by Price.

Our species is the most intelligent and adaptable species on Earth.

Jay Orear
Physics Department

CORNELL Chronicle

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Cornell in times past



Division of Rare and Manuscript Collections/Carl A. Kroch Library

This railway car carried Cornell home economists to every part of New York state during World War I's Thrift Campaign. Before home refrigerators, food was preserved by drying or canning. Less heat was needed for canning with a pressure cooker.

BRIEFS

■ **Officer honored:** Cornell University Police Lt. Larry B. Davis was named March '95 Kiwanis Club Officer of the Month posthumously at a ceremony at Joe's Restaurant in Ithaca March 13. Davis, 49, a 20-year veteran with the Cornell Police, was killed Feb. 15 in a one-car accident on Perry City Road. Davis was nominated for the award by Patrol Officer Frederick C. Myers. "Lt. Davis was a dedicated professional with impeccable integrity who was always there and always willing to help. He had great courage and a tremendous amount of compassion for the people he dealt with," said Cornell Police Capt. William G. Boice, acting director. Davis' wife, Nancy, and father, Irving, accepted the award on his behalf.

■ **Benefit brunch:** Moosewood Restaurant will sponsor a benefit brunch for the Multicultural Resource Center at two sittings at 10 a.m. and noon March 26. Tickets are available at GreenStar Co-op, Moosewood and at the office of the Multicultural Resource Center at G.I.A.C. at 318 N. Albany St. (273-8724). Donations are on a sliding scale from \$10-15. The Multicultural

Resource Center creates dialogue around bias issues, particularly racism, in Tompkins County. It shares and creates anti-bias resources. Resources include information and ideas, organizing strategies, workshops, events and celebrations. It is a project of the Center for Religion, Ethics and Social Policy.

■ **Action Forum:** The Multicultural Resource Center is organizing a Community Action Forum on Saturday, March 25, at Boynton Middle School, from 1 to 4 p.m. The theme is "Racism on the Rise: Creating Solutions." While the center held a very successful forum in 1993 attended by more than 200 people who spoke about racism, the goal now is to support people in the community who are working against racism. The forum will include reports from community groups on positive efforts opposing racism. Ben & Jerry's will provide free ice cream.

■ **College Bowl win:** The Academic Quiz Organization at Cornell capped a strong showing in the College Bowl Regional Tournament held Feb. 25-26 at Syracuse Univer-

sity with a win against Alfred University in the finals. The win allowed Cornell to move on to the National Championships, to be held April 28-30 at the University of Akron in Ohio. College Bowl competition tests knowledge in a variety of academic areas with an emphasis on quick recall. Leslee Lyon, staff adviser, accompanied the team to the regional tournament. The team is led by Captain Eric Tentarelli, a first year graduate student. Members include Dwight Kidder '95, Doug Kenrick '96 and David Leventhal '98.

■ **Status of women:** Applications from faculty, staff and students are being sought for positions on the university's 23-member Advisory Committee on the Status of Women (ACSW) which in recent years has addressed issues such as mentoring, pay equity, work and family, and career development. An informational meeting for prospective members will be held March 30, noon to 1 p.m., in the small seminar room (G01), 1st floor, Biotechnology Building. For an application call the Office of Equal Opportunity, 255-3976.

OBITUARY

Cornell alumnus **Edward L. Bernays**, the father of modern public relations, died March 9. He was 103.

Bernays, who earned a bachelor's degree from Cornell in 1912, opened his public relations business in 1919, following a stint as a propagandist for the Department of War. His clients were some of America's largest and most powerful corporations: the Procter & Gamble Co., General Motors Corp., Westinghouse Electric Corp., Time Inc., NBC and CBS.

Some of Bernays' work has had long-lasting effects. He is credited with making it acceptable for women to smoke in public, when for Lucky Strike cigarettes he organized demonstrations in which debutantes gathered on street corners to smoke.

He spoke of public relations as being a "social science" that, effectively used,

"helps validate an underlying principle of our society — competition in the marketplace of ideas and things." He favored the use of surveys and public opinion polls to make a case for his clients' positions and frequently used doctors, celebrities and opinion leaders to deliver arguments on behalf of his clients.

Throughout his career, in which he promoted everything from opera singers to laundry detergent, Bernays sought to make public relations — "the engineering of consent" — a respected, legitimate profession.

He taught the first college course on public relations at New York University in 1923 and that same year wrote the influential book *Crystallizing Public Opinion*.

Bernays, a nephew of Sigmund Freud, was born in Vienna, Austria, in 1891 and immigrated to the United States a year later.

New distribution for FCR minutes

The Faculty Council of Representatives has taken steps to cut costs by discontinuing universal mailing of summary minutes of each FCR and University Faculty meeting.

Instead, the Office of the Dean of Faculty will issue the summary minutes electronically; place hard copies in Mann and Olin libraries; and maintain a mailing list for those faculty requesting copies of minutes by mail.

FCR minutes were distributed to the entire faculty by legislation adopted by the FCR on April 12, 1972.

On Dec. 14, 1988, the FCR adopted the policy mandating that summary minutes be mailed to all members of the University Faculty.

Tomorrow is deadline for early retirement sign-up

Tomorrow, March 17, is the deadline for Overtime Pay Eligible (OPE) employees to take advantage of the early retirement incentive program signed into law by Gov. George Pataki last week.

Those who sign up for the incentive program will have until April 6 to withdraw, but they must declare their intention by tomorrow in order to be eligible for the program, John Hartnett, director of finance and business services for the statutory col-

leges, said. Retirement would become effective on or before April 21.

Hartnett cautions that personnel who do not file the declaration of interest by March 17 and are later identified for layoff will not be eligible to enroll in the retirement incentive program at a later date.

The program is available to members of the New York State Employees' Retirement System (NYSERS) and TIAA/CREF who are at least 50 years old and have completed

a minimum of 10 years of service. It was sponsored by the governor and legislative leaders to help offset significant state budget reductions for 1995-96 and attempt to reduce the number of layoffs which will otherwise be necessary.

Hartnett's office also is requesting that overtime pay ineligible (OPI) employees who want to take advantage of the incentive program declare their interest by April 3, so the statutory colleges may plan for

the impact of employee participation and possibly prevent the issuance of some layoff notices. Their declaration of interest would become irrevocable on Aug. 7, with the effective retirement date on or before Aug. 31.

Almost 1,000 statutory employees at Cornell are eligible for the early retirement incentive program, Hartnett said. More than 350 attended four informational sessions held by his office earlier this month.



Sharon Bennett/University Photography

Carolyn Goldstein, visiting professor, studies the history of home economics and nutrition in Mann Library.

Scholar explores home ec impact on consumers

By Susan Lang

Sometime during the two World Wars, traditional home economists shifted their focus from "how to make things" to "how to buy things." Just how did that process occur in home economics education and among professional home economists?

Finding the answer to that question has been the mission of Carolyn Goldstein, recipient of the 1994-95 Fellowship in the History of Home Economics or Nutrition. She has been spending the early months of 1995 poring over the College of Human Ecology's archival records and old home economics textbooks and journals in Mann Library.

"Some historians have faulted home economists for supposedly advocating the purchase of anything new and jumping on the bandwagon of consumer capitalism," said Goldstein, a historian of technology and granddaughter of the late Helen Bull Vandervort, HomEc '26. Vandervort was one of the college's most active alumna over the years and is the namesake of the Helen Bull Vandervort Alumni Achievement Award and Helen Bull Vandervort Scholarship. Goldstein also is the daughter of two Cornell alumni, Phebe Vandervort Goldstein, HomEc '52, and

Sidney Goldstein, A&S '52, of Bloomfield Hills, Mich.

"Granted, the home economists from 1900 to about 1940 had an enthusiasm for modern life and home making but when you look at the process of how they taught that to other women, they just as often talked about rational decision-making," Goldstein said.

Goldstein, who will become curator of the National Building Museum in Washington, D.C., after she concludes her research at Cornell, is using the college's "unique and extensive records collection" to delve deeper into her doctoral thesis topic, "Mediating Consumption: Home Economics and American Consumers, 1900-1940," conducted at the University of Delaware. She hopes to use the research from Cornell to write a book on the topic.

The fellowship that brought Goldstein to Ithaca was established in 1992 by Francille Firebaugh, dean of the College of Human Ecology, with cooperation from Mann Library and the Division of Rare and Manuscript Collections in the Carl A. Kroch Library. Its purpose is to bring scholars to Cornell to its large and impressive archival and imprint (book) holdings related to home economics and nutrition and to glean insights into the impact of home

economics on American society.

"Cornell is one of the few places you can look at the historical development of home economics because the College of Human Ecology has done such a good job in preserving its records," Goldstein said. "In fact, Cornell probably has the most extensive set of archival holdings about a single home economics college in the country, if not the world." These records consist of correspondence, newsletters, documents about course and curriculum development, and photographs of home economists in their various roles.

Goldstein has been tracing how professional home economists moved into business, the utilities and the Department of Agriculture's Bureau of Home Economics during the interwar period, carving a professional niche in issues of consumption. "Home economists in the first part of this century were important educators and mediators in the growing consumer society among manufacturers, government agencies and homemakers," Goldstein said.

She also is looking into how these women responded to commercialism as they adopted consumption as a focus, helped shape the emerging consumer society and influenced American dietary habits and consumer behavior.

Students elect representatives

By Denise Taylor

There will be several new faces on Cornell's next Student Assembly, and a new one will be added to the Board of Trustees as the student-elected representative.

Kety Maria Esquivel '97, a current Student Assembly member, will join Karin Klapper '96 as a student trustee next term. Of the 17 seats available in last Tuesday and Wednesday's elections, only four will be filled by current Assembly members.

Incumbent Ken Lee '97 won one of the four Undesignated-at-Large seats and will be joined by James Hyun '97, Laury Ann Incorvaia '98 and Joe Sabia '98. Incorvaia said she would like to have her biggest impact in communications.

"There is a lack of awareness and support of what the Student Assembly does," she said. "No one understands the impact that it has." Incorvaia plans to work on contacting freshmen early in the academic year and alerting them to the functions of the Assembly through floor meetings. She also believes that computer technology can help upperclassmen stay informed about the Assembly's actions. For example, minutes of Assembly meetings can be posted on electronic bulletin boards, she said.

Incorvaia also would like to foster a better relationship "between the Greek community and Cornell administration." As a member of the former, and on the advisory board for the latter, Incorvaia said she is in an excellent position to perform that task.

The College of Agriculture and Life Sciences will be represented by current member James Papa '96 and new representative Ed Miranda '97.

Aaron Hutman '97 will be moving from an Undesignated-at-Large seat this year to represent the College of Architecture, Art and Planning. The College of Arts and Sciences will be represented by a whole new crew next term, with Matt Atlas '96, Fritz Fritzpatrick '98 and Bob Flummerfelt '96.

College of Engineering students elected incumbent Michelle Crammes '96 and Justin McEntee '96. Bidjaan Kassam '98 will represent the School of Hotel Administration. The College of Human Ecology will be represented by Israel Soong '96 next term, and the School of Industrial and Labor Relations will be represented by Stacy Benson '96.

Rebecca Cantor '97 will hold the Lesbian/Gay/Bisexual seat and Jie Li '98 is the new International-at-Large representative. The Minority-at-Large seats will be held by Cecilia Beckles '97 and Amyemey Dzegede '98.

Terms begin on June 1.

Cornell's Board of Trustees will meet in Ithaca March 16 and 17

The Cornell Board of Trustees will meet on campus March 16 and 17.

The full board will meet in open session on Friday, March 17, from 9 a.m. to noon in the Biotechnology Building Conference Room.

Topics will include an update on the state budget situation and discussion of statutory college tuition and policy on admissions and financial aid. Other topics will be the

Cornell Campaign, veterinary medicine, the equine drug testing program and Center for Advanced Technology in Biotechnology.

Three board committees will have open sessions:

- The Buildings and Properties Committee will have a brief open session at the beginning of its meeting Thursday, March 16, at 9 a.m. in the Yale-Princeton

Room of the Statler Hotel on campus. Topics will include the statutory capital project current outlook.

- The Committee on Land Grant & Statutory College Affairs will hold an open meeting from 4 to 5:30 p.m. on Thursday in the Biotechnology Building Conference Room. Topics will include a budget update, including early retirement legislation, and pro-

posed statutory college tuitions.

- The Audit Committee will hold a brief open session at the beginning of its luncheon meeting Friday in the 2L Study Gallery of the Johnson Museum of Art.

A limited number of tickets for the full board's open session will be available at the Information and Referral desk in the lobby of Day Hall.

Values *continued from page 1*

raising children should be determined by the individual and not "dictated by society or set in stone." Divorce should definitely be an option upon entering marriage, the group believed, and Oberoi added that his grandparents, who "just made each other's lives miserable," probably would have been better off divorced.

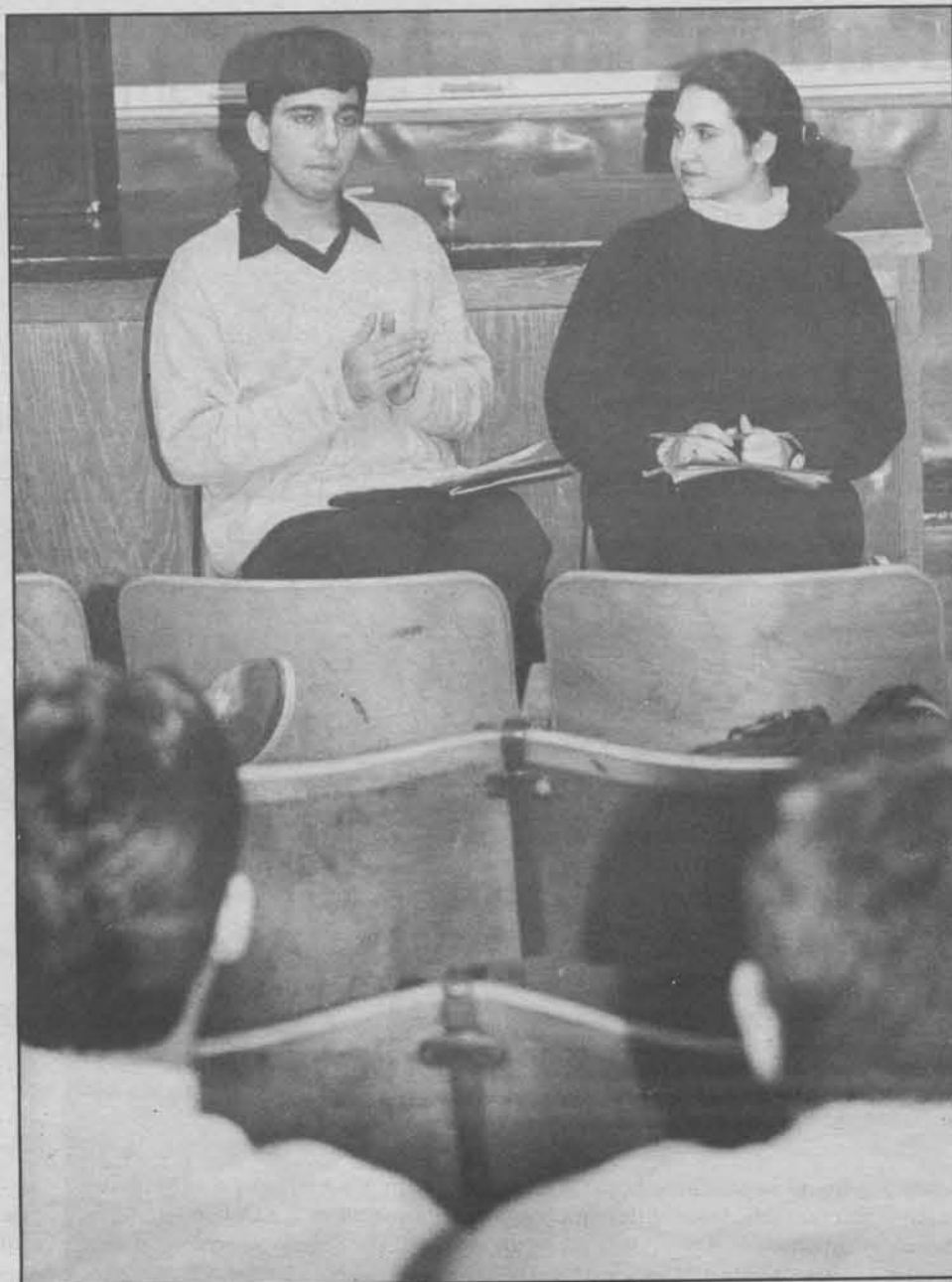
Divorce shouldn't be considered an option when getting married in the opinion of 15 students in Hillel, representing the four main Jewish denominations, whom Caroline Fox spoke to. Fox said a couple "should have every intention of remaining married," but that the whole group believed that "divorce is sometimes necessary." The group opinion on when divorce should be considered necessary varied, Fox said. Most believed that spousal abuse is always grounds for divorce, but there was no consensus on whether unhappiness was justification.

The question asking students to rank family in a list of priorities including God, career, recreation and material goals, caused some students in Fox's group to question the inclusion of God, since they consider God to be combined with other elements on the list. "Family was first priority for almost everybody," she said, adding that most students wanted to have two or three children and a healthy marriage.

Luis Garcia, representing the LDSSA, said family values often are taught in the Mormon church and that, in his group, "raising a good family and being good to your spouse" was second only to the moral obligation to God to be a good person. His group felt divorce "should be avoided if at all possible" and often is "an easy way out of a solvable situation."

Garcia's group agreed it was permissible for single people to adopt children. The group felt, however, that single people shouldn't decide to bear their own children because they consider "premarital sex wrong morally." Once a married couple has children, Garcia's group said it is ideal for the mother to stay at home, though not always possible. Garcia said his parents owned a business in his early years and when he wasn't with babysitters whom he was fond of, he was sleeping under the counter in his parents' shop.

Representing Muslim students in MECA, John Dagli said the different roles men and women play in a marriage should depend on their innate difference. Dagli said he "would contend that the nature of man basically is to be a strong provider; a woman is more receptive, softer." Dagli stressed that the difference in gender roles did not make one group superior because they complement each



Peter Morenus/University Photography

Rohan Oberoi of the Society for Un-Belief, left, speaks about "Family Values" at a panel discussion March 9 at Plant Sciences. At right is Caroline Fox of Hillel.

other. "You can't live without your brain or your heart," he said, noting they perform different, but not unequal functions.

Dagli also said marriage is "necessary for a successful family." Sex outside of marriage is indicative of a lack of respect, he said, adding that the partners imply, "I acknowledge using you as an option, but I don't want to commit to you." Dagli noted the need to consider parents as part of the family structure. He said that once today's students get married and have children, they should later be responsible for caring for their parents.

During the question and answer period, audience members questioned the panel on homosexuality and responses to a changing society. Dagli said he believes that homo-

sexuality "seems fine in the short term, but in the long term it tears at the fabric of society." Fox said many rabbis and Jewish people don't see homosexuality as bad, but would note that it doesn't fulfill the command to be fruitful and multiply.

A changing society should have no effect on what is right or wrong, according to Garcia, because "truth is eternal. It doesn't change." Fox said she personally believes that the Torah comes from God, and that it is "divinely inspired but filtered by man." She said that what is most important is determining the meaning of God's words and realizing how different external factors could have impacted the way that man interpreted and recorded the lessons of God.

Cartilage grafts get horses on right track

By Susan Lang

Athletic horses with joint fractures and torn cartilage are back on track thanks to a new Cornell arthroscopic and inexpensive cartilage grafting technique.

"Without question, the technique is adaptable to people who suffer from cartilage problems in joints that are not yet arthritic," said Alan J. Nixon, B.V.Sc., M.S., a veterinarian who specializes in equine orthopedic surgery and is director of the Comparative Orthopaedics Laboratory in Cornell's College of Veterinary Medicine. The technique, which could be applied to any species, is described in the *Journal of Orthopaedic Research* (Vol. 12, pp. 485-497, 1994). It helps ward off arthritis by promoting cartilage growth and healing, the researcher said.

In the case of horses, the technique involves harvesting cartilage cells (chondrocytes) from young horses that have died from accidents or other causes. The chondrocytes are frozen and when needed, thawed and grown in the laboratory to increase their numbers and metabolic activity. They are then stimulated with "growth factors" (small proteins that control most cell functions and tissue activity), which bolster the cartilage cells.

Through a quarter-inch incision using an arthroscope, the graft is then secured into the joint defect with fibrin, a commonly used "glue" in surgeries which had not be-

'Without question, the technique is adaptable to people who suffer from cartilage problems in joints that are not yet arthritic.'

— Alan J. Nixon

fore been used in clinical joint resurfacing. The fibrin also serves as a vehicle for the slow and continuous release of growth factors which continue to stimulate the synthesis of the cartilage by the transplanted cells after surgery.

Within six to eight months, the joints of the treated horses function normally, and their X-rays show properly contoured and healed joints. The surgery, conducted only at Cornell, is being used on an almost weekly basis on horses with joint injuries that show no signs of arthritis. The extra cost for preparing and installing the graft in horses is just several hundred dollars, Nixon said.

"The joint resurfacing must be done shortly after the injury, and certainly within a year because once arthritis sets in, it's too late to promote healing or repair the joint," said Nixon, whose research team also was first to develop arthroscopic hip, elbow, shoulder and tendon surgeries in the horse.

In humans, joint repair is a \$60 billion industry, but current techniques are either only partially successful or not long-lasting. To avoid having to use tissue from other individuals, the Cornell equine surgeon said that undifferentiated stem cells could be removed from a patient's own bone marrow, and within several days, be channeled into becoming cartilage cells which could then be used for the graft.

Use in humans, however, is years away: The technique would have to be tested in humans and approved by the U.S. Food and Drug Administration.

The research was conducted with Dean A. Hendrickson, now at the University of Wisconsin at Madison, and Hollis Erb, Ron Minor and George Lust, at Cornell.

Jobless *continued from page 1*

downsizing, restructuring, competing internationally and adopting sweeping technological changes that threaten many jobs," said Rodriguez, who teaches courses in epidemiology of health, medicine and management interface issues; and planning and evaluation in the Department of Human Service Studies in Cornell's College of Human Ecology.

Her study on unemployment in the United States, conducted with Kathryn Lasch, Ph.D., of New England Medical Center, was presented, in part, to the American Sociological Association in 1993. Her work on international comparisons was presented, in part, to the International Conference: Environment & Health in Developing Countries in Calcutta in December 1994.

For the current study, which was funded by the Henry J. Kaiser Family Foundation, Rodriguez used cross-sectional data from a sample of 7,703 adults from the 1987 and 1988 National Surveys of Families and Households conducted by the University of Wisconsin, Madison. She plans to follow up this work with longitudinal data.

Among her findings:

- Women and less educated respondents reported more symptoms of depression than males or more highly educated respondents.
- Frequency of social contacts was related to more reports of better health among



Sharon Bennett/University Photography

Eunice Rodriguez, a socioepidemiologist and health services researcher in Cornell's Sloan Program in Health Services Administration, at work in her office in Martha Van Rensselaer Hall.

the unemployed.

• For men, unemployment without benefits and unemployment with welfare were linked to higher scores of depression compared with full-time workers. For women, however, only those receiving welfare were significantly more likely to report depression than the employed.

The research suggests how important unemployment compensation and other

earned subsidies can be in reducing the risk of depression during unemployment. Rodriguez recommends that unemployment programs should include mental health screening and counseling.

She added that states that use welfare in place of unemployment compensation may not be as successful in helping the temporarily unemployed, potentially making it harder for them to find employment.

It's a family affair this year for Spanish couple, daughter

By Denise Taylor

It is unusual, according to two visiting scholars from Spain, for students living near Madrid not to attend Universidad Complutense de Madrid and live at home. It is far more unusual for students to leave the country to study and it is quite rare for professors at the university in Madrid to take sabbaticals. The Saenz-Badillos Targarona family is more than a little out of the ordinary.

Professor Angel Saenz-Badillos and Professor Judit Targarona, who are married, have been visiting scholars in the Department of Near Eastern Studies since mid-September 1994. When they return to Spain this September, the couple not only will have made their longest visit to the United States, they will have spent it doing research at their daughter Judit's university.

According to Saenz-Badillos and Targarona, it is actually a coincidence that the best place for their sabbatical happens to be the university where their daughter is a junior in biological sciences. "There are only two persons in the U.S. in our field," Saenz-Badillos said. One is in New York City and the other is Ross Brann, associate professor of Near Eastern studies at Cornell. Brann offered them the positions of visiting scholars last academic year while he was chair of the department. Their positions allow them time for research and access to university materials while freeing them from the responsibility of teaching classes. Of course, the fact that Judit is a student here and that their son, Angel, is a senior in computer engineering at Syracuse University weren't deterrents, Targarona said.

Scholars of medieval Jewish/Spanish literature, the couple has co-written and co-published several books, including *A History of the Hebrew Language*. Targarona recently completed the first comprehensive Hebrew-Spanish dictionary, which covers the period from Biblical times to the present. While at Cornell, the couple's research has been moving from the Muslim period of medieval Spain to the Spanish/Jewish poets of the Christian era, Saenz-Badillos said.

Because they are doing research at Cornell, and are students themselves in a sense, Targarona believes the parent-offspring relationship they have with Judit is different than it would be in Madrid.

"She's had her independence for a long time here," Targarona said, and the couple has made no attempts to alter that. Even



Peter Morenus/University Photography

From left: Judit Targarona, Judit Saenz-Badillos and Angel Saenz-Badillos, of Spain, relax with their West Highland terriers in their Ithaca apartment. Targarona and Angel Saenz-Badillos are visiting professors; their daughter, Judit, is a junior in biological sciences.

though they are living in the same house, they "all have different schedules, different lives," Saenz-Badillos said.

Judit said that after the initial shock of the idea of moving in with her parents wore off, she knew there would be no major problems.

"My parents have always been pretty cool, so things are working out well," she said. Having lived in dorms during her first two years, Judit said she actually has more freedom now, especially since she has access to a car.

The pre-med student in the midst of MCAT preparation said she's also happy that her parents brought their dogs from home. Because of the preparations made in Spain, Saenz-Badillos said it was no problem getting the West Highland terriers through customs.

Judit first became interested in Cornell

when a cousin, whose friend was applying to graduate school in the College of Agriculture and Life Sciences, recommended the university to her. To get a better perspective on Cornell, she attended Cascadilla High during her senior year and liked what she found. She never dreamed her parents would spend a year here, but then again, coincidences have abounded concerning the university.

An exchange program that her brother, Angel, participated in while he was in high school placed a student from Washington, D.C., Catherine Mei Yu '96, with the Saenz-Badillos family in Madrid several years ago. Catherine and Judit became good friends and, when it came time to accept college invitations, Judit and Catherine were surprised to discover they both had chosen to attend Cornell.

Call it chance or serendipity, Judit and

her parents have been pleased by what has placed them at Cornell and what they have found here. Saenz-Badillos has been impressed with the "number of opportunities at Cornell and the community of students here. That is not found in Madrid, where almost all the students commute." Targarona has enjoyed the freedom to research while not teaching classes and the quiet and calm of Ithaca. She noted the definite contrast between Cornell and her university in Madrid, which has 130,000 students.

A medical assistant at Gannett Health Center and a trainee in a child abuse prevention program, Judit said she has loved her years at the university. "Of course I get a lot out of classes, but what I really enjoy are all of the opportunities in research and for extracurriculars. I'm really looking forward to the work I'll be doing with child abuse prevention," she said.

Finch disease spreads west, feeder-watchers find

By Roger Segelken

When scientists at the Cornell Laboratory of Ornithology and College of Veterinary Medicine questioned the extent of a newly discovered disease among wild birds, "house finch conjunctivitis," they called on a network of volunteers in the eastern United States and Canada.

Hundreds of Project FeederWatch participants responded, recording the presence or absence of birds with runny, crusty eyes at their home feeders and sending monthly computer-readable forms to the ornithology lab's Bird Population Studies Program.

The finding by 1,298 U.S. Feeder-Watchers and 170 in Canada: Diseased birds showed up at about 20 percent of sites in Maryland, Delaware and Pennsylvania last November. About 19 percent of sites in New Jersey and Massachusetts had sick birds that month, as did 17 percent in Rhode Island and Connecticut, and about 10 percent in New York, South Carolina and Virginia.

In December, FeederWatchers reported the first diseased house finches in Illinois, Maine and Michigan, and the percentage is increasing slightly in other Northeastern states, as well.

"The conjunctivitis outbreak is spreading west and north, but even in the center

of the outbreak area, the majority of observers do not report diseased birds," said André A. Dhondt, director of Bird Population Studies and the Morgens Professor of Ornithology at Cornell. "Other species do not seem to be seriously affected."

Thought to be caused by a bacterial-like

'Once again, Project FeederWatch participants have demonstrated that their unique network can collect important data. They are tracking the evolution of a disease outbreak and are helping scientists decide how to react to the problem.'

— André Dhondt

organism, the finch disease is similar to poultry disease caused by *Mycoplasma gallisepticum*, according to Dr. George V. Kollias, the Jay Hyman Professor of Wildlife Medicine who, with others, is studying the disease in the Cornell veterinary college. Finches may have been ex-

posed to the disease in poultry yards where they foraged for food, he speculated.

The sudden appearance of the finch disease in the winter of 1993-94 raises questions for the wildlife veterinarian: Has the disease-causing organism been present all along in finch populations until something — such as a weakening of their immune systems — allowed the outbreak, and does the limited genetic diversity of the Eastern birds make them more susceptible to disease?

Other points are clear to the Cornell scientists: *Mycoplasma gallisepticum* is not a threat to humans (although other mycoplasmal diseases occur in pets and people) and poultry farmers need not worry that wild finches will infect their flocks, the veterinarian said. Nor does the disease threaten the finch population, according to the ornithologist; at least half the estimated 10 million Eastern house finches die of natural causes each year, and are replaced by millions more the next spring, he said.

"Once again, Project FeederWatch participants have demonstrated that their unique network can collect important data," Dhondt said. "They are tracking the evolution of a disease outbreak and are helping scientists decide how to react to the problem." In the meantime, he advised, people should continue to feed birds and maintain good sanitation practices at bird feeders.

Noble wins national award

Lucinda A. Noble, director emerita of Cornell Cooperative Extension, was honored recently by the National Extension Organization Epsilon Sigma Phi for her leadership benefiting the national Extension System and the people that system serves.

Noble was awarded the National Distinguished Service Ruby Award from Epsilon Sigma Phi (ESP). The award is presented annually to an outstanding leader in the Extension System by ESP, a fraternity dedicated to fostering standards of excellence in the extension system and developing the extension profession and the professional.

"Dr. Noble is recognized for her notable career, her shared vision of what Extension can be, her innovative approaches to Extension programming and for modeling the way as a contemporary leader," said ESP President Richard Angus. Noble also was cited for "her leadership style [which] supports and enhances the contributions of staff by inspiring cooperation, reflection and collaboration."

Noble was director of extension and associate dean in the New York State Colleges of Agriculture and Life Sciences and Human Ecology from 1978 to 1994.



Noble

Federal grant helps preserve library's Icelandic Collection

Cornell has received a \$428,000 grant from the National Endowment for the Humanities to preserve and put on-line the world's most extensive collection of Icelandic books and publications.

The Fiske Icelandic Collection at Cornell totals some 32,000 titles and contains virtually every publication issued in Icelandic or written in Icelandic before 1930. The collection is noted for its material for the study of Old Norse and Icelandic history, language and literature and for the study of medieval Scandinavia. The collection also contains contemporary works on political science, geography, geology, fisheries, economics and genealogy. One of the collection's most prized possessions is a publication of the New Testament dating back to 1540. It is believed to be the earliest known work printed in Icelandic extant today.

The NEH-funded effort, a joint project of the library's Preservation Department and the Division of Rare and Manuscript Collections, will include full cataloging for

6,000 titles not currently included in the on-line catalog, the creation of 5,980 microfilm catalog records, microfilming of 7,000 volumes and conservation treatment for 3,870 items. The entering of additional bibliographic description into Cornell's own catalog also will make this information accessible over computer networks to researchers around the world. Conservation treatment will ensure that much of the collection's materials remain accessible to scholars and others in their original form.

"The collection is in good shape considering its age, but portions of the collection are 400 years old and more recent materials are particularly vulnerable because they are printed on acidic paper," said H. Thomas Hickerson, director of the Division of Rare and Manuscript Collections at Cornell.

Hickerson noted that a few volumes are sufficiently fragile to warrant only limited use. These materials and others will be restored through repair and rebinding. Hickerson

said where possible original materials will be used in the restoration process.

The importance of the conservation work is underscored by the paucity of Icelandic materials from the 16th and 17th centuries. The Icelandic climate – the country's long, wet springs – coupled with less than ideal storage and housing conditions has damaged or destroyed much of the country's earliest writings, Hickerson noted.

The collection, according to the Medieval Academy of America (MAA), is without equal in its coverage of medieval Iceland and Scandinavia. In a 1992 review of the collection, an MAA committee reported that "no medieval collection in North America can match the Fiske Collection in the extent to which it embraces the totality of the research published in its subject area between 1850 and 1950, the period of greatest risk of printed materials."

The Fiske Icelandic Collection is named for Daniel Willard Fiske (1831-1904), who served as Cornell's first University Librarian.

Fiske began collecting Icelandic books while he was a student in Sweden in the 1850s. At his death, he bequeathed his vast collection to Cornell; a year later the Icelandic Collection was established. The importance of Cornell's Icelandic Collection is recognized by the Icelandic government, which, since 1958, has made an annual contribution to the collection to finance new acquisitions. The collection is housed in the Carl A. Kroch Library, and Patrick J. Stevens is the current curator.

An exhibition of materials from the Fiske Icelandic Collection and other repositories of Icelandic documents and books currently is planned for 1996. The exhibition, jointly sponsored by Cornell and the Icelandic government, is scheduled to travel to Ithaca, Washington, D.C., and Reykjavik, Iceland.

"This exhibition will help showcase the various collections and reaffirm the special relationship between the Fiske Collection and the people of Iceland," Hickerson said.

CALENDAR

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music

Music Department

• March 16, 8 p.m., Barnes Hall: Music from Taiwan. The Cornell Taiwanese Folk Chorus will sing classical Taiwanese folk songs; violin, cello and piano solo of Taiwanese folk songs also are included. A reception follows at McMenus Lounge, Hollister Hall.

Bound for Glory

March 19: Albums from the studio, 8-11 p.m. on WVBR-FM, 93.5.

religion

Sage Chapel

No service.

African-American

Sundays, 5:30 p.m., Robert Purcell Union.

Baha'i Faith

Fridays, 7 p.m., firesides with speakers, open discussion and refreshments. Meet at the Balch Archway; held in Unit 4 lounge at Balch Hall. Sunday morning prayers and breakfast, 7 a.m.

Catholic

Spring Break Mass Schedule: March 18, 5 p.m.; March 19, 10 a.m., Anabel Taylor Hall auditorium.

Christian Science

Testimony and discussion every Thursday at 7 p.m., Founders Room, Anabel Taylor Hall.

Episcopal (Anglican)

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

Friends (Quakers)

Sundays, 11 a.m., meeting for worship in the Edwards Room of Anabel Taylor Hall. Discussions most weeks at 9:50 a.m., 314 Anabel Taylor Hall.

Jewish

No regular services due to spring break. Thursday, March 16, Orthodox services and Megillah Reading, 9 a.m. to 1 p.m., One World Room, Anabel Taylor Hall.

Korean Church

Sundays, 1 p.m., chapel, Anabel Taylor Hall.

Latter-day Saints (Mormon)

Discussions on the Book of Mormon: Wednesdays, 7:30 p.m., 314 Anabel Taylor Hall.

Sunday services: Cornell Student Branch, 9 a.m., Ithaca ward, 1 p.m. For further information, call 272-4520, 257-6835 or 257-1334.

Muslim

Friday Juma' prayer, 1:15 p.m., One World Room, Anabel Taylor Hall. Daily Zuhr, Asr, Maghreb and Isha' prayers at 218 Anabel Taylor Hall.

Protestant Cooperative Ministry

Sundays, 11 a.m., chapel, Anabel Taylor Hall.

Sri Satya Sai Baba

Sundays, 10:30 a.m., 319 N. Tioga St. For details call 273-4261 or 533-7172.

Zen Buddhist

Tuesdays, 5 p.m.; Thursdays, 6:45 p.m., chapel, Anabel Taylor Hall.

seminars

Animal Science

"Resistance of Sheep to Enterotoxemia," Cristina de la Rosa, graduate student, March 21, 12:20 p.m., 348 Morrison Hall.

Applied Mathematics

"Some Aspects of Stochastic and Chaotic Dynamics in Mechanical Systems," Sri Namachivaya, University of Illinois at Urbana-Champaign, March 17, 4 p.m., 456 Theory Center.

Astronomy

Thomas Gold Lectures: "Keck: The World's Largest Optical Telescope," Wallace Sargent, March 16, 4:30 p.m., Schwartz Auditorium, Rockefeller Hall.

Biochemistry

"Axonal Targeting and the Coding of Olfactory Information," Robert Vasser, Columbia College of Physicians and Surgeons, March 17, 4 p.m., large conference room, Biotechnology Building.

Chemistry

"Photoinitiated Processes in Weakly Bound Clusters," Curt Wittig, University of Southern California, March 16, 4:40 p.m., 119 Baker.

CRESP

The Welfare Dilemma: Do We Have the Answers: "Issues of Rural Poverty," Thomas Hirschl, rural sociology, March 16, 4:30 p.m., 314 Anabel Taylor Hall.

Fruit & Vegetable Science

"Addressing the Needs of the New York State Vegetable Industry: Opportunities and Challenges," Steve Reinert, March 16, 4 p.m., 404 Plant Science Building.

Genetics & Development

"Development of a Biolistic Transformation System in Tetrahymena Thermophila: Projected Use in Trapping Transposons," Donna Cassidy-Hanley, March 22, 12:20 p.m., small seminar room, Biotechnology Building.

Horticultural Sciences

"Developmental Physiology of Vegetables," Thomas Bjorkman, Geneva, March 20, 11 a.m., staff room, Jordan Hall, Geneva.

Immunology

"The Role of the CD3 Genes in Early Thymic Development," Cox Terhorst, Harvard Medical School, March 17, 12:15 p.m., Boyce Thompson Auditorium.



Roberto Sosa stars as Pedro in "Highway Patrolman," playing Saturday and Sunday at Cornell Cinema. See the Films listing for more information.

International Nutrition

"Socioeconomic Determinants of Food and Nutrient Intakes in Rural China," Banoo Parpia, nutritional sciences, March 16, 12:40 p.m., 100 Savage Hall.

Materials Science & Engineering

"Optimum Mechanical Performance Through Microstructural Design," Martin Harmer, Lehigh University, March 16, 4:30 p.m., 140 Bard Hall.

Microbiology

"Enzyme and DNA Function at 100-degrees C: Molecular Biology of Hyperthermophiles," Frank Robb, Center of Marine Biotechnology, Baltimore, March 16, 4 p.m., G10 Biotechnology Building.

Natural Resources

"Biological Insights Into Catch and Release Sport Fisheries," Bruce Tufts, Queens University, March 16, 3:35 p.m., 304 Fernow Hall.

Operations Research & Industrial Engineering

"Company Philosophy and the Technology Revolution," Richard Aubrecht, March 16, 4:40 p.m., 155 Olin Hall.

Peace Studies

"The Missing World War III: Why the Soviet Union Went Peacefully," William Wohlforth, Princeton University, March 16, 12:15 p.m., G-08 Uris Hall.

Pharmacology

"Assembly of Lymphocyte K+ Channels," Carol Deutsch, University of Pennsylvania, March 20, 4:30 p.m., G-3 Veterinary Research Tower.

Physiology

"Regulation of Estrogen Synthesis Through Isozymes of Porcine Aromatase," Alan Conley, North Dakota State University, March 16, 4 p.m., Boyce Thompson Auditorium.

Plant Biology

"The Phytochrome Paradox and Sibling Rivalry: Take Off Those Rose Colored Glasses," Daniel Tennesen, floriculture & ornamental horticulture, March 17, 11:15 a.m., 404 Plant Science Building.

Plant Pathology

"Potato Production in Steuben County and the Current Late Blight Problem," Carl Albers, Cornell Cooperative Extension, March 21, 3 p.m., A133 Barton Laboratory, Geneva.

Southeast Asia Program

"Indochina Today: Relations With the U.S.," John McAuliff, founder and executive director, U.S.-Indochina Reconciliation Project, March 16, 12:20 p.m., Kahin Center, 640 Stewart Ave.

Textiles & Apparel

"The End of the Silk Road: Silk Production in Bursa in the Late Twentieth Century," Charlotte Jirousek, Cornell, March 16, 12:20 p.m., First Floor Faculty Commons, MVR Hall.

Theory Center

"Numerical Simulations of Cosmic Structure Formation," Edmund Bertschinger, Massachusetts Institute of Technology, March 21, 2:30 p.m., 456 Theory Center.

Toxicology

"Neurotoxicity Evaluation In Vitro: Recent Developments and Future Prospects," Stewart Chute, Bristol-Myers Squibb Pharmaceutical Research Institute, March 17, 12:20 p.m., 135 Emerson Hall.

Veterinary Medicine

"Apoptosis of Retinal Capillary Pericytes in Hyperglycemia," Weiye Li, Hahnemann University School of Medicine, March 16, 4 p.m., Lecture Hall 2, College of Veterinary Medicine.

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CALENDAR

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sports

Home games are in ALL CAPS.
Records are as of Monday.

Men's Baseball

March 18, Lehigh at Orlando, 11 a.m.
March 18, at Rollins, 7 p.m.
March 19, Akron at Ormond Beach, 2 p.m.
March 20, Akron at Daytona Beach, 7 p.m.
March 21, at Rollins, 7 p.m.
March 22, Wagner at Rollins, 5 p.m.
March 23, Cleveland St. at Orlando, noon.

Men's Golf

March 17, Rutgers at Orlando

Women's Gymnastics (4-12)

March 18, at Maryland, 7 p.m.

Men's Lacrosse (1-1)

March 18, MARYLAND, 1 p.m.
March 25, at Yale, 1 p.m.

Women's Softball

March 19, at Coppin State (2), 1 p.m.
March 20, at Mt. St. Mary (2), 2:30 p.m.
March 21, at Maryland (2), 1 p.m.
March 22, at George Mason (2), 2:30 p.m.

Men's Tennis (3-1)

March 18, at North Florida, 4 p.m.
March 20, Pacific Lutheran at No. Fla., 10 a.m.
March 21, at Jacksonville, 1:30 p.m.
March 22, Auburn Montgomery at No. Fla., 10 a.m.
March 23, at Rollins, 2 p.m.

Women's Tennis (3-1)

March 17, at Southeastern Louisiana, 2 p.m.
March 18, Rice at Tulane, 11 a.m.
March 19, Kansas at Tulane, 11 a.m.
March 20, at Tulane, 2 p.m.
March 21, Wichita State at Tulane, 9 a.m.
March 22, at Mobile, 2 p.m.
March 23, at Southern Mississippi, 2 p.m.

Men's Outdoor Track

March 18, at Long Beach Invitational

Women's Outdoor Track

March 18, at Long Beach Invitational



Tim McKinney

Laura Woeller

Woeller places 8th at Indoor Nationals

Senior and four-time All American Laura Woeller capped off her indoor track career with an eighth place in the 3,000 meter run at the NCAA Indoor Championships in Indianapolis March 11. According to reports in the *Cornell Daily Sun*, her time of 9:31.35 minutes was slightly off her school record. 9:28.65 pace she set last year at the national finals, where she finished fourth.



Peter Morenus/University Photography

Susan M. Watkins, professor of textiles and apparel, holds up a poorly designed chest protector for women's sports at the March 2 Symposium on Women's Bodies and Technology. Watkins stressed that women need to be more actively involved in design development for women's products.

miscellany

Alcoholics Anonymous

Meetings are open to the public and will be held Monday through Friday at 12:15 p.m. and Saturday evenings at 7 p.m. in Anabel Taylor Hall. For more information call 273-1541.

Astronomical Observing

The Cornell Astronomical Society hosts an open house every clear Friday evening at Fuertes Observatory, located on north campus next to Helen Newman Gymnasium. Enjoy stunning views through an historic 12-inch diameter brass refracting telescope. Hours are from 8 p.m. to midnight.

Emotions Anonymous

This 12 step group which helps people deal with emotional problems meets on Sundays at 7:30 p.m. and Tuesdays at 8 p.m. at the St. Luke Lutheran Church, 109 Oak Ave., College town. For more information call Ed/Karen at 273-5058.

Field Ornithology

An eight-week non-credit course for beginning bird-watchers, "Spring Field Ornithology," starts March 29 at the Cornell Laboratory of Ornithology and is open to the public. For more information, call 254-2440.

Garden Plots

The Cornell Garden Plots Committee needs additional members. Anyone interested in joining please come to G-20 Uris Hall on Tuesday, March 21, at 7:30 p.m.

Grad School Test Reviews

The Cornell Campus Store is offering free Princeton Review seminars on graduate school admission tests at the store.

- On Thursday, March 16, from 3:30 to 5 p.m., "GRE Test-Taker Smarts" will cover the Graduate Record Exam (for M.A./Ph.D. applicants).

- On Wednesday, March 29, from 3:30 to 5 p.m. "GMAT Test-Taker Smarts" for M.B.A. applicants taking the Graduate Management Admission Test will be offered.

Grad exam experts from The Princeton Review will explain techniques to score high on these exams featured in The Princeton Review courses and test-prep guidebooks. For more information, call 255-2934.

Writing Workshop

Free tutorial instruction in writing is offered through the Writing Workshop Walk-in Service:

- 178 Rockefeller Hall: Sun., 2 to 8 p.m.; Mon.-Thurs., 3:30 to 5:30 p.m. and 7 to 10 p.m.

- Robert Purcell Community Center, Wendy Purcell Study Lounge: Sun.-Thurs., 8 to 11 p.m.

- 320 Noyes Center: Sun.-Thurs., 8 to 11 p.m.



Jane Campion's work is featured by Cornell Cinema this month. The series concludes March 29 with the award-winning film "The Piano," which will be followed by a panel discussion.

Campion series ends with 'The Piano'

The Jane Campion film series, presented this month by Cornell Cinema, will conclude March 29 with the screening of Campion's Oscar-nominated film, *The Piano*, at 7 p.m. in the Willard Straight Theatre. A panel discussion immediately following the film will feature English Department Lecturer Lynda Bogel, anthropology Professor Elizabeth Povinelli and psychoanalyst Peggy Dieter.

The Piano, set in the 19th century, is the story of a mute Scottish woman, Ada, who comes to the primitive shores of New Zealand

with her daughter to fulfill the terms of an arranged marriage. What follows is an engrossing tale of female sexuality and the search for selfhood centering around Ada's only "voice": her piano.

The Piano was nominated for eight Academy Awards, including Best Director, and won for Best Screenplay, Best Actress (Holly Hunter) and Best Supporting Actress (Anna Paquin).

Tickets for *The Piano* are \$4.50 and \$4 for students.

Cinema presents Vasulka retrospective

As part of its Cinema Off-Center series, Cornell Cinema will host an evening with pioneer videomaker Steina Vasulka March 28 at 7:30 p.m. in the Center for Theatre Arts Film Forum, 430 College Ave. Tickets are \$2. The evening will include a retrospective of the Iceland-born artist's work, which includes *The West* (1983), an exploration of the landscape of the American Southwest, and *Geomania* (1986), a sensuous display of nature's colors and textures.

Vasulka, along with her husband and collaborator Woody Vasulka, has been in the

foreground of video art since emigrating to the United States in 1965. Her work, which has been exhibited widely throughout the United States and Europe, touches upon themes of landscape, machinery and movement.

The Central New York Programmers Group, a special program administered by Cornell Cinema and funded by the New York State Council on the Arts, is sponsoring Vasulka's visit to central New York, where she will visit other institutions. Her Cornell Cinema visit is cosponsored by the Cornell Council on the Arts.

CALENDAR

March 16
through
March 23

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

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

dance

Theatre Arts

For the first time, the Department of Theatre Arts will host the American College Dance Festival, a four-day festival showcasing the work of student and faculty choreographers. A guest concert featuring professional talent will be open to the public, with limited seating. Performers and admission fee TBA, March 22, 8 p.m., Proscenium Theatre, Center for Theatre Arts.

Cornell International Folkdancers

All events are open to the Cornell community and general public and are free unless otherwise noted. Beginners are welcome; partners are not necessary. Balkan music jams are held on selected Sundays at 6:30 p.m. For information, call 387-6547.

March 19: Location TBA; 7:30 p.m., Zillertaler (a couple dance from Germany) will be taught by Dick and Marguerite; 8:30 p.m., open dancing and requests.

Cornell Jitterbug Club

A free beginner jitterbug review class will be held March 28, 8 p.m., Edwards Room, Anabel Taylor Hall.

A six-week jitterbug series begins April 4: beginners, 7:15 p.m.; intermediate, 8:30 p.m., Edwards Room, Anabel Taylor Hall. Cost \$36/\$42. No partner needed. For info, call Bill at 273-0126 or 254-6483.

Israeli Folkdancing

Thursdays, 8 to 10 p.m., Edwards Room, Anabel Taylor Hall; instruction and request dancing, beginners welcome; free and open; info: 255-4227.

exhibits

Johnson Art Museum

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

• "Whistler and His Influence: Experiments on Paper," through April 2. Highlights the museum's collection of more than 90 Whistler prints.

• "Traditional Arts of Southeast Asia," through April 2. This show features ceramics and textiles from private collections and is presented in cooperation with the Southeast Asia Program.

• "A Splendid Diversity: Mannerist Prints from Parmigianino to Goltzius," through April 2. This exhibition includes nearly 30 16th-century prints

from the museum's permanent collection.

• "The Machines of Leonardo da Vinci," through April 2. Leonardo's designs come alive in more than 30 reconstructed models of his proposals for a printing press, tanks, flying machines, high-powered gears and a spring-driven automobile.

• "Alfred Stieglitz's Legacy: Photography into Art," through April 9. Drawn from the museum's permanent collection; includes work by Alvin Langdon Coburn, Gertrude Käsebier, Karl Struss and Clara Sippel, in addition to work by Stieglitz.

• "Between Light and Shadow: The Work of James Turrell and Robert Irwin," through April 9. American artists Irwin and Turrell use light and shadow to create uniquely contemporary art.

• 12 O'Clock Sharp, Thursday Noontime Gallery Talks: March 23, a museum staff member will discuss "Alfred Stieglitz's Legacy: Photography into Art."

• Sunday Afternoon Artbreaks: "Living Artists in the Johnson's Collection," with Docent Luke Colavito, will be the topic March 19 at 2 p.m.

Kroch Library

"Hans Bethe: 60 Years at Cornell," through April 15. An exhibition documenting the life and work of German-born American physicist and Nobel laureate Hans Bethe. The exhibit is located in the Carl A. Kroch Library exhibition gallery.

Sibley Fine Arts Library

"Screen Printed," through March. Books from the advanced screen printing classes taught by Steve Poleskie.

films

Films listed are sponsored by Cornell Cinema unless otherwise noted and are open to the public. All films are \$4.50 (\$4 for students), except for Tuesday night Cinema Off-Center (\$2) and Sunday matinees (\$3.50). Films are held in Willard Straight Theatre except where noted.

Thursday, 3/16

"Latcho Drom" (1994), directed by Tony Gatliff, 7:15 p.m.

"Friends" (1993), directed by Elaine Proctor, with Kerry Fox, Dambisa Kente and Michele Burgers, 9:30 p.m.

Friday, 3/17

"Love After Love" (1994), directed by Diane Kurys, with Isabelle Huppert, Bernard Giraudeau and Hippolyte Girardot, 7:30 p.m.

"Full Metal Jacket" (1987), directed by Stanley Kubrick, with Matthew Modine, Adam Baldwin and Vincent D'Onofrio, 9:45 p.m.

Saturday, 3/18

"Friends," 7:15 p.m.

"Highway Patrolman" (1992), directed by Alex Cox, with Roberto Sosa, Bruno Bichir and Vanessa Bauche, 9:40 p.m.

Sunday, 3/19

"Highway Patrolman," 7:30 p.m.

Monday, 3/20

"Suddenly Last Summer" (1959), directed by Joseph Mankiewicz, with Montgomery Cliff, Katharine Hepburn and Elizabeth Taylor, 7 p.m.

Tuesday, 3/21

"Friends," 7:30 p.m.

Wednesday, 3/22

"Latcho Drom," 7:30 p.m.

Thursday, 3/23

"Love After Love," 7:30 p.m.

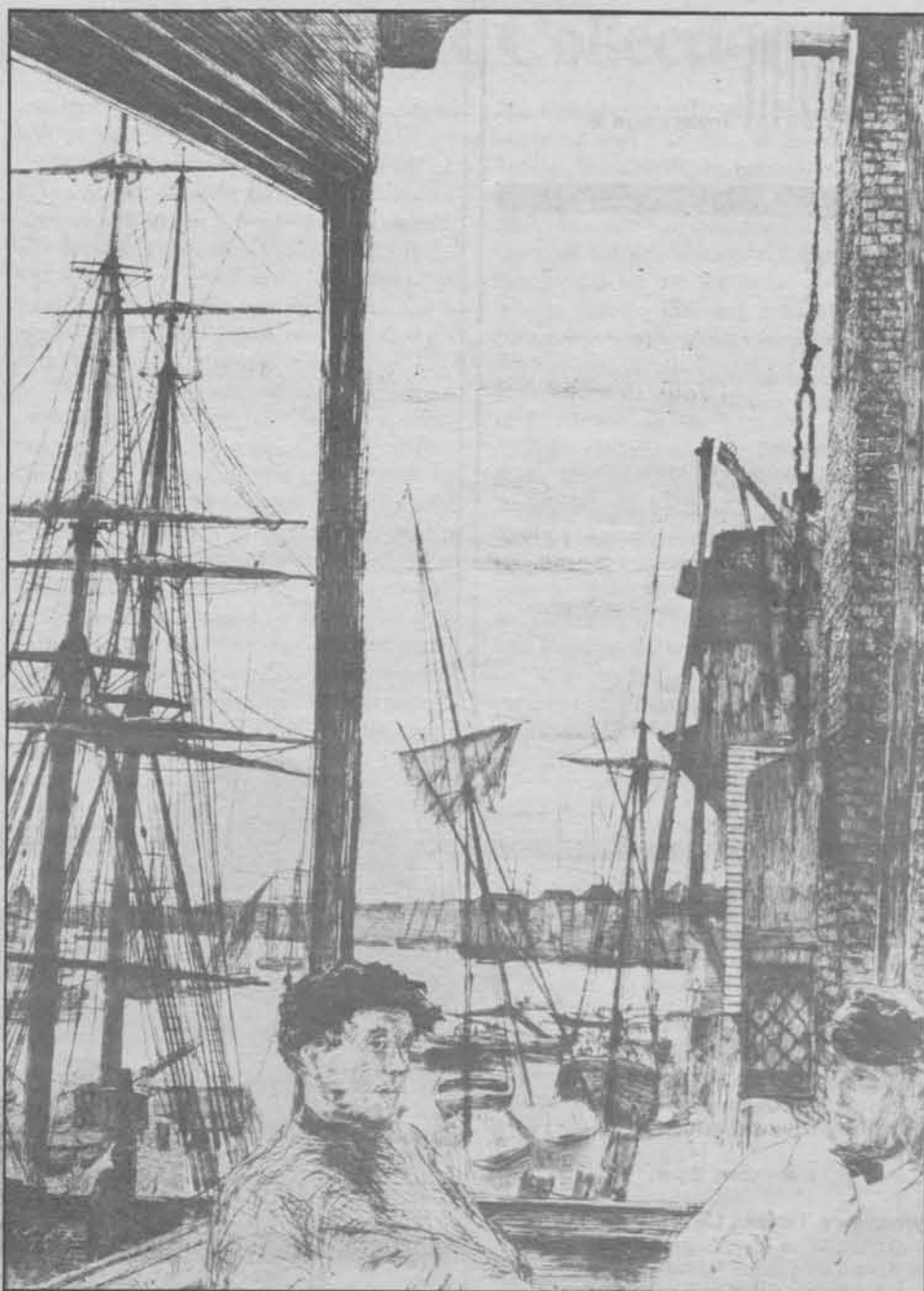
graduate bulletin

• **Commencement:** Commencement information packets have been mailed to all recipients of August 1994 and January 1995 degrees. Candidates for May 1995 degrees may pick up packets at the Graduate School information desk, Sage Hall.

• **May Degree:** All requirements for a May degree must be completed by May 19, including submitting the dissertation/thesis to the Graduate School. Professional master's candidates should check with their field regarding specific deadlines.

• **Course Pre-enrollment** for fall 1995 courses takes place Wednesday, March 29, through Wednesday, April 12, at Sage Graduate Center. Forms are available at graduate field offices and Sage Graduate Center.

• **Income Tax Seminars for International Students:** A representative from the Internal Revenue Service will conduct a seminar on Tuesday, April 4, 1:30 to 4 p.m., Anabel Taylor Hall, Auditorium, 2nd floor. If you have additional questions, contact IRS, toll-free, 1-800-829-1040.



"Rotherhithe" (1860) by James Abbott McNeill Whistler, an etching and drypoint on laid paper, is featured in the Johnson Museum exhibition "Whistler and His Influence," on view through April 2.

Johnson Museum receives \$58,000 in grant support

The Herbert F. Johnson Museum of Art has been awarded five grants totaling \$58,000 from several federal and state agencies, enabling the museum to continue a key educational program for rural schoolchildren and to conserve various art pieces in its permanent collection. Grants received are from the Institute of Museum Services (IMS), the National Endowment for the Arts (NEA) and the New York State Council on the Arts (NYSCA).

"These grants are a great tribute, not only to the Johnson Museum staff, but also to the extraordinary range and usefulness of the grant-making agencies of the state and federal governments, which are so essential to the health and growth of the arts in this country," said Franklin W. Robinson, the Richard J. Schwartz Director of the Johnson Museum.

A \$15,000 grant from the NEA will help support the museum's OMNI program, which delivers art programming to 2,000 schoolchildren annually. Designed to reach out to rural upstate New York school districts in communities where cultural opportunities are limited, OMNI (Objects and their Makers: New Insights) was first piloted with Trumansburg and Groton elementary schools, and now has grown to involve more than 13 schools in 11 counties. In addition,

NYSCA has awarded the museum an \$8,000 grant to defray various costs associated with the program, such as transportation to and from the museum for rural schools.

Additional NEA and NYSCA grants totaling \$25,000 will be used to prepare an updated and expanded handbook, highlighting significant works in the Johnson's collections (the handbook will be published in 1998 to coincide with the museum's 25th anniversary) and to produce a catalog for *Master Prints in Upstate Museums*, an exhibition that opens in March at the Albright Knox Art Gallery in Buffalo and tours upstate galleries and museums. It will be on exhibit at the Johnson Museum in October.

A \$10,000 grant from the IMS Conservation Project Support program will be used to preserve and treat various drawings and watercolors in the museum's permanent collection.

"Our mission is the preservation of art for the education and enjoyment of our visitors, and these grants make that possible," Robinson said. "IMS conservation grants are awarded through a competitive peer review process. They also require a 100 percent match by the applicant. It speaks well for the Johnson Museum that it was one of 78 institutions nationwide to receive these funds."

lectures

Women's Studies

"Melanie Klein: Her Life and Work in Pictures," Phyllis Grosskurth, University of Toronto, March

16, 4:30 p.m., Hollis E. Cornell Auditorium, Goldwin Smith Hall.

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