

CORNELL Chronicle

Volume 26 Number 13 November 17, 1994

HIGH-TECH TUTORIAL

'The Wine Professor' does everything but pour for you.

NEW PLAY OPENS

CU director goes on location for this moving play, *Dancing at Lughnasa*.

3

5

Cornellian brings university's history up to date

By Sam Segal

Professor Morris Bishop, whose graceful prose and comic poems appeared regularly in *The New Yorker* 50 years ago, is best remembered by today's Cornellians for his *A History of Cornell*.

Hundreds of faculty and administrators (if they can't reach Archivist Gould Colman) reach for Bishop's book when memory fails them. Why was Cornell's land grant in Wisconsin? Who was that great crew coach in the '20s? When did the first woman matriculate? It's all there.

The only problem now is that Bishop's book provides real detail only through the presidency of Edmund Ezra Day,

which ended in 1951.

But help is on the way.

In a 10-by-15-foot subterranean office in the Kroch Library, Keith Johnson '56 – an accomplished writer and editor who retired from *Fortune Magazine* this year – has begun work on a sequel to Bishop's history.

Johnson's book won't be a continuation. And it won't, as Bishop's does, proceed from presidency to presidency. Rather, it will follow the elaboration of themes, such as new funding patterns, the diversification of the student body, the challenges to academic freedom, the role of government and the evolution of the professor from campus citizen to foot-loose entrepreneur.

Like Bishop, Johnson sees his book as

telling a wider story than Cornell facts. Bishop saw Cornell as embodying a new kind of American university – nondenominational, open to everyone and as devoted to pursuing new knowledge as transmitting old. Johnson sees Cornell's history since World War II as embodying the rise of the modern research university.

He knows his subject from both sides of that divide. He was born in Ithaca; his father, John R. Johnson, was a Cornell chemistry professor from 1927-65; and he has been an active alumni volunteer, including a term as chairman of the College of Arts and Sciences' advisory council.

While Bishop's tone is that of an insider – kindly, indulgent, avuncular – Johnson

expects his will sound more analytical.

"Cornell today is such a different place from when [President] Deane Malott arrived in '51, or when I arrived in '52," Johnson says. "I'm interested in the changes in how universities are governed, in finances and the uses of funds, in the changing professoriate."

He will cover protests and politics (he has half-seriously considered a subtitle: "From McCarthyism to Multiculturalism"); but Johnson, who was a history major, says he will strive for the even-handedness of historical scholarship.

"As a historian, I feel it is most important to depict how people and events appeared to
continue on page 4



Dale Duchesne/Finger Lakes Times

Employees at Cornell's Agricultural Experiment Station in Geneva line up to wave and shout "GOOD MORNING AMERICA" to ABC's cameraman Egie Tomson on Nov. 11.

Experiment Station at Geneva wakes up America

By Linda McCandless

GENEVA, N.Y. – Egie Tomson shoots a lot of waves for ABC, but he doesn't usually get to capture jugglers. So when Paul Robbins of the Entomology Department and John Ludwig of Plant Pathology started tossing juggling clubs back and forth on Friday, Nov. 11, behind Barton Lab at Cornell's Agricultural Experiment Station in Geneva, the cameraman for ABC's "Good Morning America" panned in for a close-up.

"At least when the camera was running, we never dropped a club," said Ludwig.

Station employees Kathy and Paul DeRosa were standing in the front row behind the Cornell banner with sons Michael and Kevin. "I was holding Michael, and every time the crowd shouted 'Good Morning,' he jumped and started crying," Kathy said. "I'd just get him quiet when we'd have to shout all over again."

It took three tries before Director Jim Hunter and the crowd of 150 employees and graduate students were able to say their lines loud enough for prime time without stumbling: "We are the employ-

ees and graduate students of Cornell University's Agricultural Experiment Station in Geneva, N.Y.," Hunter shouted. As instructed, the crowd waited one beat, and then chimed in with the loudest "Good Morning America" they could muster.

Cameraman Tomson, sound technician Neal Gettinger and producer Ann Varney

'Make it something grandmothers in Iowa will understand.'

– Ann Varney

arrived at the Station at 2:30 p.m. Friday to spend an hour in the lab with microbiologist Thomas Henick-Kling after spending several hours Friday morning filming a segment at Knapp Winery with science reporter and Cornell alum Michael Guillen. The footage will be part of an upcoming science feature on wine quality.

Dressed in neatly pressed lab coats Kathy Arninck, Ben Gavitt and Bill Edinger,

members of Henick-Kling's lab, demonstrated aspects of their fall research project on yeast starter cultures, wild yeast fermentations and the effects of sulfites.

"I guess you call this the art of science," said Varney, who kept trying to get Henick-Kling to be more concise in his description of the effects of yeast on flavor "without putting words" in his mouth. "Make it something grandmothers in Iowa will understand."

"Yeast is necessary for the fermentation of grape juice into wine," said Henick-Kling, on his fourth try. "Yeast liberates different flavors in the juice and contributes flavors of its own." The ABC crew then took close-ups of a video of "yeastie beasts" at work under the microscope.

Henick-Kling and members of his laboratory also set up a taste-testing of three wines for the benefit of the camera. Members of the Geneva Food Science Department – Matt Roberts, Ben Gavitt, Kathy Arninck, Nancy Smith, Henick-Kling, Bill Edinger, Ed Lavin and Debbie Roberts – sampled the wines, judging them for qualities like "fruity," "floral," "spicy," "earthy," "vegetative" and "body/mouth feel."

continue on page 2

Grad student is volunteer for homeless

By Susan Lang

"Before I actually worked with the homeless, I was a diehard Republican who thought that these people should stop whining, pull themselves up by their bootstraps and get a job," said John Benjamin, a graduate student in the College of Human Ecology and this year's Red Cross Emergency Community Shelter of Tompkins County Volunteer of the Year.

student profile

"I also had this vision that the homeless were bums on the street laying in a puddle of urine with a bottle next to them. Now, however, I realize that the majority of the homeless – more than 70 percent – are families and women with children. And if it were not for my family and all the advantages they have given me, I could have had a much more difficult life like them."

Benjamin, 35, will receive his master's degree in January in facility planning from the Department of Design and Environmental Analysis (DEA). He has been volunteering at the Red Cross Emergency Community Shelter several hours a week for three years, serving not only as a researcher for his thesis but also as a tenant advocate, mediator, transporter and friend.

Prior to coming to Cornell five years ago as a transfer student in DEA with an interest in hospitality management, Benjamin managed restaurants in Massachusetts and New York for nine years, attended the State University of New York at Canton for two years and then earned an associate degree in interior architecture at Wentworth Institute.

"As a senior, I took Ann Hale's course, Housing and Feeding the Homeless," recalled Benjamin, who grew up in Owego but also has family roots in Ithaca. "The class had a profound effect on me and changed my life."

He learned that up to 3 million Americans – 1 percent of the population – are homeless, with millions more on the verge of homelessness, and that women and chil-
continue on page 4

Firearms possession prohibited here

The temperature is dropping and the days are getting shorter.

These are sure signs that fall is upon us. With the coming of fall, deer hunting season is not far behind. During deer hunting season there is an increase in the number of people who possess firearms in their vehicles to use while hunting.

Cornell Police would like to take this opportunity to advise everyone that firearms are prohibited at all times on the Cornell campus.

This includes possessing a firearm while dropping off or picking up an employee at work on the way to or from hunting or just driving through campus with a firearm in the vehicle. Any violation of this law will be subject to prosecution.

LETTER

Winners say thanks

Dear Friends,

We sincerely thank everyone who has helped to make our recent good fortune a very memorable event. Your warm, heartfelt congratulations mean a great deal to us during this overwhelming time.

Our intention is to take it easy and enjoy it while trying to remain as "normal" as possible.

Thanks a million (all 18 of them) to all of you who have helped support us as we celebrate the occasion.

Al, Judy and Andy Herrala

MEMORIALS

A memorial service for **Mario Einaudi**, Goldwin Smith Professor of Government Emeritus and founder of the Mario Einaudi Center for International Studies, will be held in the chapel of Anabel Taylor Hall at 3 p.m. Friday, Nov. 18. Einaudi died May 15 in Piedmont, Italy. He was 90.

A memorial service for former student **Dustin Klingbergs** will be held on Friday, Nov. 18 at 6 p.m. in Annabel Taylor Hall Chapel. The Reverend Robert L. Johnson, director of Cornell United Religious Work, will preside. Klingbergs '95, a former mechanical engineering major, died Nov. 4.

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Mission: Wolf



Peter Morenus/University Photography

Kent Webber, director of Mission: Wolf, a captive wolf refuge and educational group, walks through the crowd at the Statler Auditorium Nov. 13 with a wolf named Sila. The event was sponsored by Ecology House. The 13-acre refuge for the wolves is in Silver Cliff, Colo.

Wine researcher to be on 'Good Morning America'

By Linda McCandless

GENEVA, N.Y. — "It's not just the weather," said enologist Thomas Henick-Kling of Cornell's Agricultural Experiment Station in Geneva in response to Orly Ashenfelter of Princeton University. "Weather plays an important role in determining the flavor maturity of wine, but other factors probably affect wine flavor more. The timing of the grape harvest, the grape variety planted, the vineyard management system, the selection of grapes at harvest, the type and mixture of yeasts which carry out the fermentation, the use of malolactic fermentation, use of oak barrels, possible microbial contamination that can cause off-flavors, and age of the wine in the bottle are all important variables."

Henick-Kling was interviewed in his laboratory at the Experiment Station by a crew from ABC's "Good Morning America" show Nov. 11, for an upcoming story on wine quality. Science reporter Michael Guillen will use segments on wine tasting and yeast from wine labs at the Station, and footage from Knapp Winery in Varick, N.Y., in an interview with Ashenfelter scheduled to be aired today.

Ashenfelter is an economist and wine connoisseur who claims to have developed a mathematical formula that predicts vintage quality based on weather information like the amount of rainfall preceding and during a particular growing season and the amount of sunshine a particular grape variety receives. He uses the formula to find good wines at less expensive prices and claims it is more accurate than taste tests in determining which wines will be the best. In developing his formula, Ashenfelter has concentrated on red wine from France, but he believes the formula will work with other wines, too.

Henick-Kling disagrees with Ashenfelter's formula. A grape grower may have perfect weather for growing wine grapes but the customer still can end up with bad-tasting wine, Henick-Kling said.

Henick-Kling is a microbiologist in the Food Science Department at the Experiment Station. He directs the wine research and extension program which is part of a major program involving a number of

Cornell faculty members in support of the New York wine and grape industry. The wine (enology) program performs research in the physiology of wine yeast and lactic acid bacteria, sensory and chemical analysis and winemaking techniques and the wine quality of various grape cultivars.

Winemaking trials are carried out in the experimental winery at the Experiment Station and in collaborating wineries in New York State.

"Our Wine Analytical Laboratory and New York Wine Data Bank analyzes samples submitted by farm wineries and provides data on juice and wine composition by variety, year, growing region and vineyard location. In the annual New York Wine Industry Workshop and in smaller regional meetings we discuss new information with members of the wine industry," Henick-Kling said.

Enologists at the Experiment Station collaborate closely with sensory chemist Terry E. Acree, a faculty member whose flavor laboratory measures both desirable and undesirable off-flavor substances in many kinds of foods, including wines.

Historically, the Experiment Station has been at the forefront of the development of the New York farm wine industry, by providing viticultural and wine-making in close collaboration with the wine and grape industry. Scientists at the Experiment Station

have been breeding new varieties of table and wine grapes that are flavorful as well as insect- and disease-resistant, and cold hardy. Food scientists at the Station work closely with the more than 100 commercial New York State wineries, to help produce more wines of world-class quality.

"New York in the last seven or eight years has produced credible, sometimes outstanding and certainly competitive wines in virtually every important European grape category," said Fred LeBrun of the *Albany Times Union* in his Nov. 7 column, "Uncorking a Vintage Achievement."

Scientists at the Experiment Station are recognized as world leaders in research on grapes ranging from breeding new varieties for juice and wine to improving methods of cultivation for disease and insect control and flavor maturity and in fermentation research.

Included in the advancements in which scientists at the Experiment Station have contributed are the mechanical harvester for grapes and current developments in mechanical pruning and crop control. Sustained research in other essential wine-making and grape-growing areas include programs in grapevine nutrition and fertilization, weed control methods, testing and introduction of new varieties and rootstocks, more effective and environmentally sound methods of controlling pests and wine flavors.

The ABC Wave continued from page 1

By 3:35 p.m. the ABC crew was ready for the wave and headed out for the open field on the south Station lawn.

The idea of a "Station wave" came from Diane Russell of the International Consortium for Crop Protection on Thursday, the day before the GMA crew was scheduled to shoot the science segment at Geneva. It took two phone calls to assistant science producer Eddie Negron at ABC studios in New York to arrange the "Faces" shoot. After that, two messages sent out on the Station's electronic mail system was enough to get the crowd on location before closing time at 4 p.m.

Ed Bailey had been instructed in advance to be on hand with the buildings and properties lift so the crew from ABC could get high

enough above the crowd to get a wide angle that would include the greenhouses, Barton Lab and everybody in the crowd.

The fact that the sun was setting and not coming up didn't faze anybody except the cameraman, who was afraid the whole crowd was in imminent danger of being thrown into one long, dark shadow. "We've got five minutes. Line up facing me," he yelled to the assembled multitude. "We've got a plane to catch." In eight minutes, all the waving and shouting was over. Then the waiting began.

The "Good Morning America" segment featuring Thomas Henick-Kling's wine research and the wave from Geneva tentatively was slated to be aired today, on ABC, starting at 7 a.m.

Nesheim and Call recognized with Cooperative Extension awards

The Cornell Cooperative Extension system recognized Malden C. Nesheim, provost, and David L. Call, dean of the College of Agriculture and Life Sciences, each with the prestigious, annual State Friend-of-Extension Award.

The award was presented Nov. 10 in Ithaca at the annual meeting of Epsilon Sigma Phi, Lambda Chapter. It is the national honorary extension fraternity.

William Lacy, director of extension, along with Carol Anderson and R. David Smith, associate directors of cooperative extension, made the presentations.

The award is given to state leaders



Call



Nesheim

who have exhibited unwavering support for the cooperative extension program. This year, Lacy said, the service wanted to recognize two men, who are retiring, for

their contributions.

Since 1989, Nesheim has been Cornell provost. Before that, he was director of Cornell's division of nutritional sciences, where he provided the educational leadership to support the nutritional needs of children, youth and families.

Nesheim encouraged programs that focused on maternal and infant nutrition and helped develop Nutrition For Life, a program for young children through high school. Between 1986 and 1992, he served as the program director of the Pew National Nutritional Program.

Call, dean of the College of Agricul-

ture and Life Sciences, believes deeply in the idea of service. "That's why we are publicly funded," he said.

He has served as the H. E. Babcock Professor of Food Economics. In 1973, he was named director of the Cornell Cooperative Extension. When he was appointed dean of the college in 1978, Call continued to be a major force behind the Integrated Pest Management (IPM) program, as well as the PRO-DAIRY and PRO-TECH programs. As an ardent supporter of electronic technology, Call believes it will advance extension programming worldwide.

Central Asian officials visit

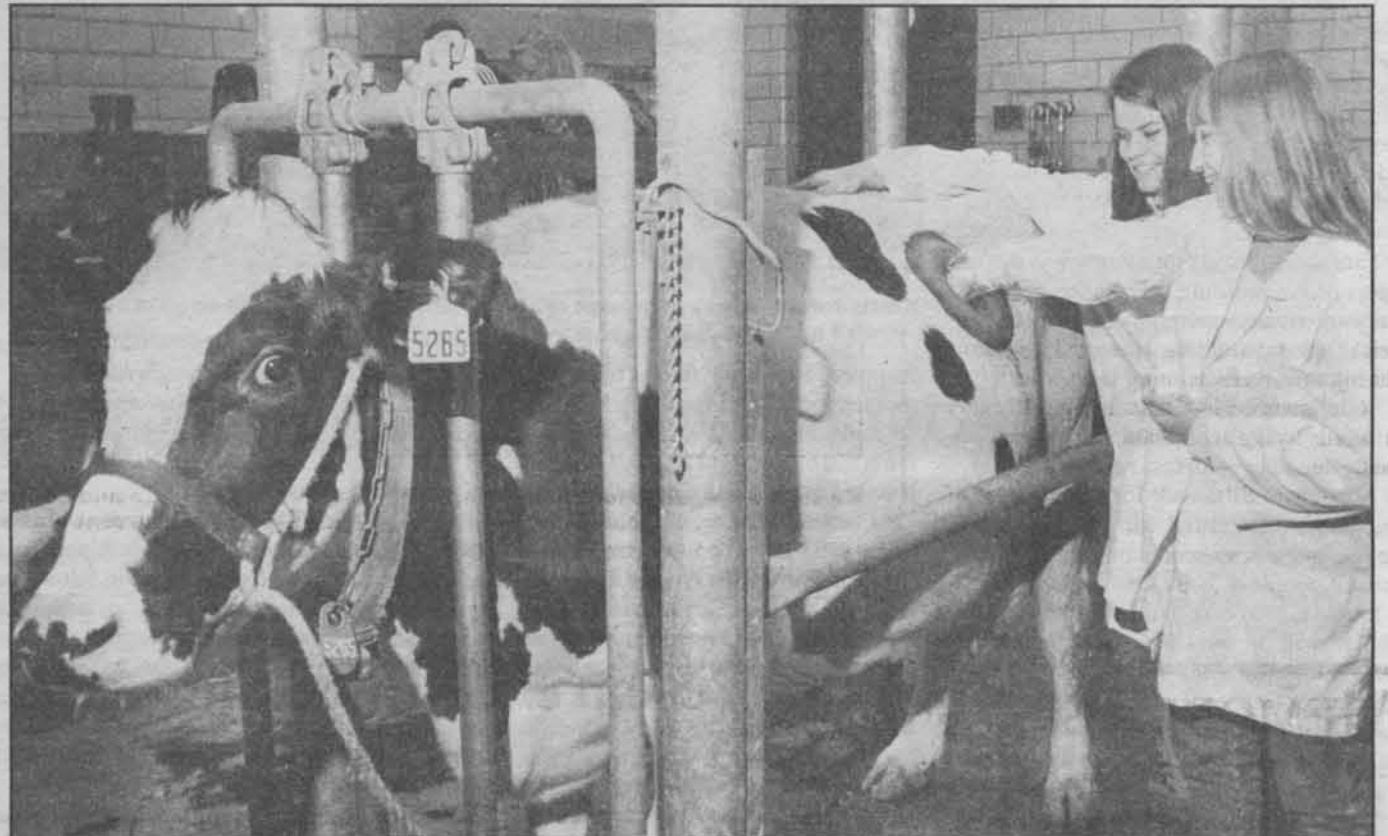
Twenty-five government officials from four Central Asian countries are spending the month of November at Cornell learning about U.S. welfare and pension systems. The group's visit is part of a U.S. Agency for International Development (USAID) training and development program for leaders of the newly independent states (NIS) of the former Soviet Union.

Twenty men and five women who hold senior-level government posts in the social welfare agencies of Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan are attending Cornell's customized professional education program, which is being presented by the School of Continuing Education and Summer Sessions. The group arrived in Ithaca Nov. 2 and departs Dec. 1.

Since the dissolution of the Soviet Union, many NIS countries have been pursuing democratic and free market reforms. To promote democracy and economic development, the USAID has established the NIS Exchanges and Training (NET) Project, a \$94 million, four-year project whose goal is to bring more than 6,000 people from the NIS countries to the United States for professional development programs.

The Cornell University Pension and Welfare Systems Management Program is part of this effort.

Inside look at science



Sharon Bennett/University Photography

Fourteen-year-old Sarah Rafferty, right, of Candor, takes part in a workshop on cows in Morrison Hall Nov. 12, during a day-long Expanding Your Horizons seminar for middle school girls interested in science. Undergraduate student Sarah Wilson '95 assists students in taking samples from a fistulated cow.

Mutkoski's high-tech wine tutorial does everything but pour

By Darryl Geddes

About the only thing "The Wine Professor" doesn't do is uncork a bottle of Chateau-Figeac St. Emilion and offer you a sip, but it's OK to sip your favorite Bordeaux while touring this program.

"The Bordeaux Wine Professor," recently released by E-8 publications, stands apart from the numerous wine guides, atlases, picture books and electronic gadgetry already available in that it employs the power of the latest technology — CD ROM — to provide users with a self-guided tutorial of all 53 Bordeaux appellations and more than 250 wines from the Bordeaux region of France.

The interactive computer software package contains color photographs, maps, recipes, audio pronunciations and even movies to show how to pull a cork and pour a wine. Users can tour vineyards, view photos of plate presentations and learn how to read a wine label all from their desktop computers. The software also features a special file that lets users keep their own records and ratings of wines they've tasted.

"The Wine Professor" offers the basics for the novice wine consumer and more in-depth information for the wine connoisseur and industry professional," said Stephen Mutkoski, the Banfi Vintners Professor of Wine Education and Management at Cornell, who, with his wife, Patricia, a former high school sci-

ence teacher, developed the software.

For beginners, "The Wine Professor" can recommend what foods to eat with what wines, suggest price and best vintage year and offer an audio pronunciation of the wine.

Also helpful for the unsophisticated wine drinker is a listing of wines appropriate to serve for various occasions. For a picnic, the program suggests serving Calvet's Reserve or Bordeaux Blanc. For winning the lottery, it's recommended

made, along with data on the Bordeaux classifications.

By accessing Food and Wine Winners users can read recipes appropriate for various wines and view color plate presentations from some of the finer restaurants like Four Seasons and The Quilted Giraffe.

The Regional Ramble database presents users with more than 1,400 color photographs of Bordeaux scenery, along with information on wine production, the

for these consumers, "Mutkoski said. "Before they purchase their wine, they can access the system and find out exactly what they are buying."

Mutkoski, a member of the Cornell faculty since 1972, teaches what is arguably one of the most popular college courses offered in the United States — Introduction to Wines. Registration for the two-credit class is decided by lottery and enrollment is more than 800 students each semester.

Mutkoski also lectures throughout the world on food and wine and holds memberships in numerous associations, including the National Restaurant Association, the Society of Wine Educators and the Association Internationale des Maitres Conseils en Gastronomie Francaise. He currently is a consultant to Viking Cruise Lines, where he designed a wine education program for passengers and staff.

In the coming months, "The Wine Professor" will release two additional packages, the "Napa/Sonoma Wine Professor," which will feature information on more than 250 wines from those wine-making regions in California, and "The German Wine Professor," which will include information on wines from Germany's 13 wine-producing regions.

"The Wine Professor" is available for use on Macintosh computers and IBM (Windows) computers equipped with CD ROM players. Suggested retail price is \$199.99.

'The Wine Professor' offers the basics for the novice wine consumer and more in-depth information for the wine connoisseur and industry professional.'

— Stephen Mutkoski

one serve Chateau Mouton Rothschild.

For the wine savant there is a plethora of details such as the number of days the wine was vinified, how many times it was racked and the average yield of the vineyard. Specialized databases provide even more wine statistics.

Ever look at a wine label and wonder what it means? Click on Label Logic. More than 250 wine labels are decoded, pronounced and paired with food. Also displayed are the vineyards and wineries where the grapes are grown and wine is

history and culture of the region and a listing of things to do and places to see. Also included are pictures of some of the region's grand Chateaux.

Mutkoski said the new computer program could have some practical uses in the industry. "It can be used to educate restaurant and hotel employees as well as benefit other colleges and universities with food and beverage management programs," Mutkoski noted. One Ithaca wine store makes "The Wine Professor" available for use by patrons. "It's a perfect tool

Johnson *continued from page 1*

participants at the time – how they interacted and how various failures of communication occurred.”

Although Johnson welcomes individual reminiscences, he won't have to rely on just memories.

For starters, there are the papers of Presidents Malott, James Perkins, Dale Corson and Frank H.T. Rhodes.

On a recent visit, Johnson's office floor was cluttered with seven fat cardboard cartons of the papers of Perkins, whom he was about to interview. In five weeks, he had gone through about a quarter of Perkins' 44 cartons. Ahead, there would be another 33 cartons from Malott's presidency, 134 1/2 from Corson's and almost 400 – so far – from Rhodes'.

Since the standard archival carton holds, on average, 2,200 pages of paper, according to Assistant Archivist Philip McCray, Johnson can draw initial inspiration from some 1.3 million pages.

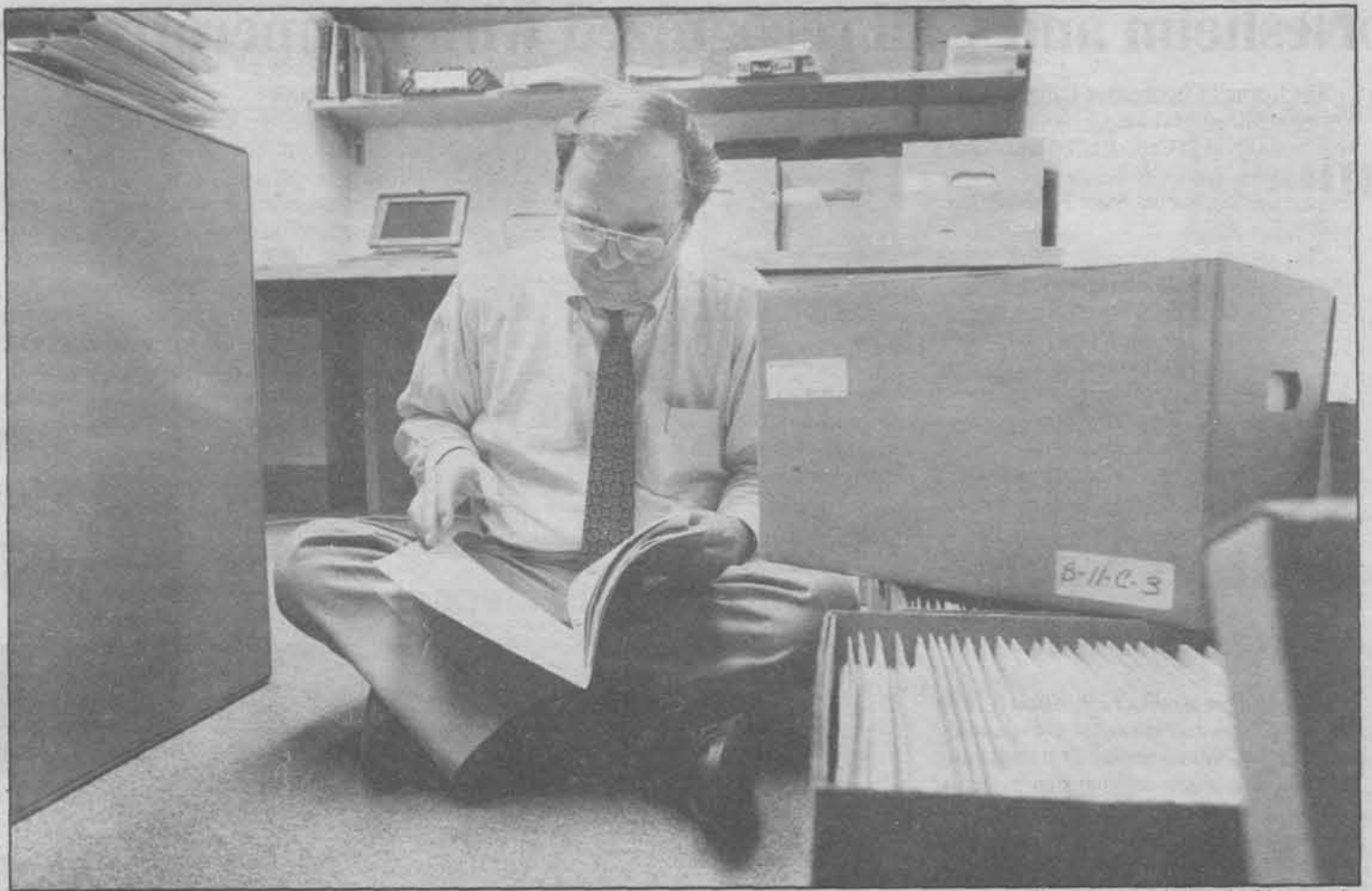
All but Rhodes' presidential papers are indexed, but the brief labels are only a starting point. “You can't tell if a letter to so-and-so is going to be just a ‘Thank you for dinner’ or gets into a very substantial question about university policies,” Johnson says.

Therefore, during his first run at the papers he is skimming everything. “Sort of a vacuum-cleaner operation to get a sense of things,” he says, citing History Professor Joel Silbey's description of such research.

So Johnson will browse through all 600 cartons as well as comb decades' worth of faculty-meeting minutes, review the journal of the late Professor Fred Marcham – who taught at Cornell for more than 65 years – and talk to scores or perhaps hundreds of people.

Johnson, who carries the title of Visiting Scholar, will be spending fall semesters in Ithaca and the rest of the year at his Manhattan apartment or Connecticut home. Off campus, he will do more general reading and research and perhaps make special arrangements with a major library such as New York University's.

“I've passed the initial stage of complete panic,” he says. “As I go through files, for



Peter Morenus/University Photography

Keith Johnson looks through crates of presidential letters as part of his research for a new book on the history of Cornell.

instance, I look for things relevant to my themes and enter them in my Mac folders.”

Johnson, who is 59, retired this year from the board of editors of *Fortune*, where he had been since 1985. A former editor-in-chief of the *Cornell Daily Sun*, he had also worked since 1957 as a reporter, correspondent or senior editor for the *Herald Tribune*, *Time*, *Money* magazine and *Discover*.

His numerous overseas assignments had included time in Paris; and it was four years ago, while vacationing at a friend's home in southern France, that the Cornell history idea began to germinate.

“I was thinking about the rest of my life, and about Cornell and, perhaps because I was in France, about Bishop, who had taught me

French literature,” Johnson recalls.

“I thought of a follow-up covering the period from Malott through Rhodes, and I realized no one was getting any younger – including me.”

While Bishop's was an “official history” – he got a year off to complete it, and Cornell owns the copyright – Johnson felt strongly that his own book should be “an independent work of scholarship.” So the project is “partly self-financed,” though the university provides office space and other assistance.

Johnson expects the project will be a full-time job for about four years. But his journalist's curiosity and his affection for Cornell make him an easy prey for digressions. In discussing Bishop's *New Yorker*

career, for instance, he will digress at length on all other *New Yorker* Cornellians, starting with E. B. White. He will note Bishop's role in bringing Nabokov to Cornell, then dig out copies of the witty limericks they exchanged. He relishes conversations with emeritus professors, follows Cornell sports and still laughs about the “sex riots” of 1958, when students marched to Malott's house to head off a proposed ban on unchaperoned apartment parties.

In discussing the duration of the job, Johnson recalls a *Fortune* colleague's comment when asked how long it takes to do a magazine article: “It takes as long as it takes.”

Johnson's estimating four years, but he won't be rushed. He's having too much fun.

John Benjamin *continued from page 1*

dren are the fastest-growing population at risk. He also realized that people become homeless not because of laziness and lack of trying but because they lack resources to fall back on and families and neighborhoods no longer provide adequate safety nets.

The following semester, Benjamin worked with Hale, spending almost two weeks at the D.C. Central Kitchen in the nation's capitol, which feeds 1,500 people a day and is located in the Community for Creative Nonviolence, the largest homeless shelter in the country. The staff are homeless themselves but were being trained to learn restaurant kitchen skills in the morning and social skills in the afternoon. They were then placed in restaurant jobs.

Benjamin's objective was to help develop a training manual so that other shelters could institute a similar program. He interviewed and videotaped the workers, asking what they liked about the program and what could be improved. Back in Ithaca, he worked as a teacher assistant to Hale's class, helping the students write the manual. He also started volunteering four hours a week at HOMES, one of Tompkins County's shelters, cooking and eating with residents at the long-term shelter and developing an inventory and ordering system for its management.

“It was a slow evolution, but I came to realize: Here I am at Cornell with a blessed, and totally wonderful life. In order to be happy, though, you have to do something meaningful. We always feel best when we are helping others. I realized what a huge problem homelessness was and how it was growing, and if I became better educated about the problem, I might be able to make a contribution to alleviating it,” he said.

Benjamin entered graduate school, taking advantage of the College of Human Ecology's flexibility by putting together an interdisciplinary program with the College of Hotel Administration, College of Art,

Architecture and Planning, and the departments of consumer economics and housing, human service studies and DEA.

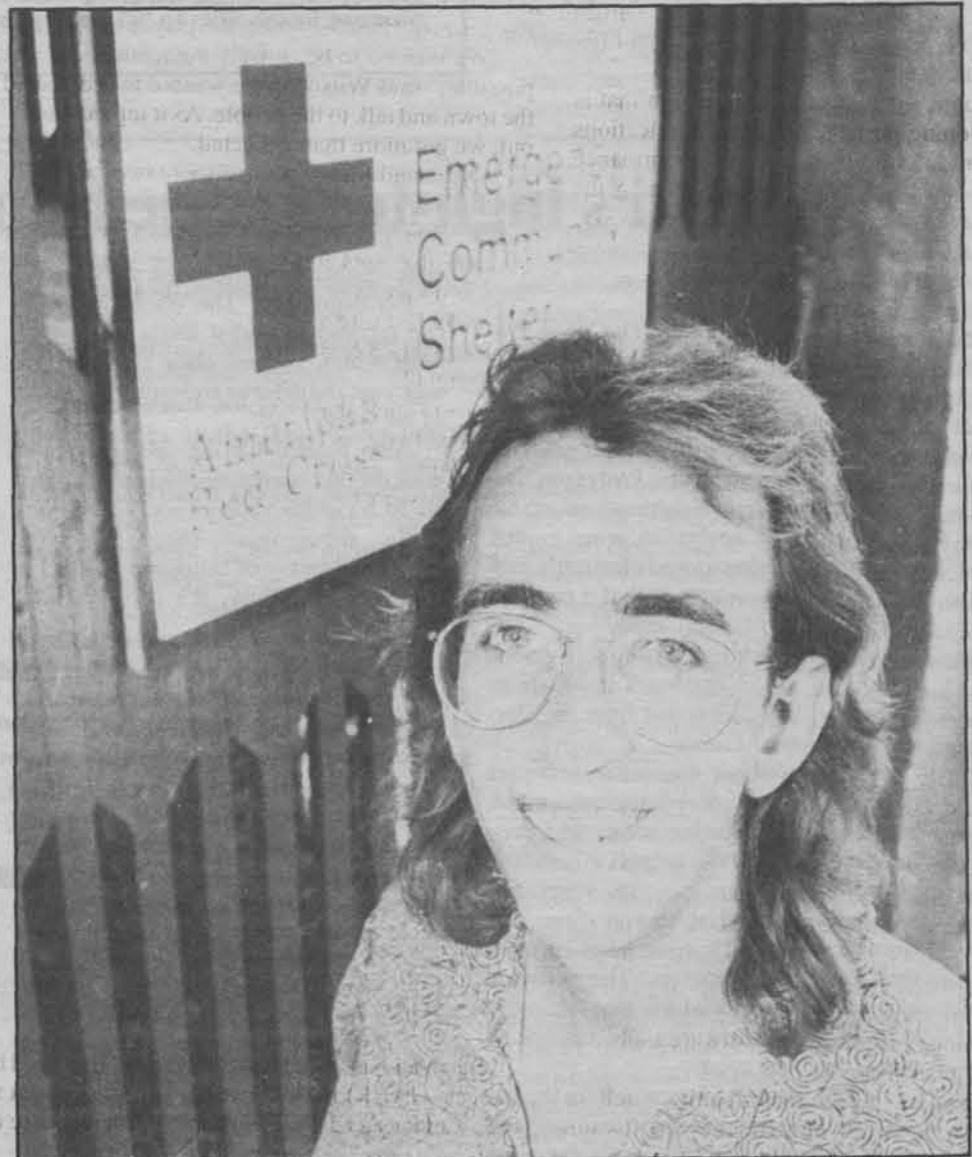
As Benjamin's adviser, Joe Laquatra, associate professor in DEA, noted, “John is successfully applying the insights he gained from his direct experience with the homeless into a meaningful research problem that has practical benefits for the community.”

Benjamin has been studying the Red Cross Shelter, a transitional housing unit that allows residents to stay up to two years. “Emergency shelters don't work. They don't accomplish anything but providing a roof for the night. Transitional housing, on the other hand, provides a safe, secure environment from which the person can learn how to deal with the problems that lead to his or her homelessness,” he said.

Benjamin is examining how the design of such facilities influences the efficiency of the organization and residents' self-esteem. By getting to know the residents and asking them how they feel about the facility, he became involved in some of their challenges. One such challenge was a resident who was threatened with eviction; Benjamin worked with him for months and successfully prevented the eviction.

Benjamin also has launched a joint venture between Habitat for Humanity, a volunteer organization that builds low-income housing, and the Red Cross's Transitional Housing Program. He and others are recruiting residents from the shelters to train as carpenter assistants. Benjamin plans to work with the group until he enters a doctoral program, hopefully in the fall and in the College of Human Ecology's Department of Human Service Studies. His long-range plans include teaching while remaining an advocate and volunteer for the homeless.

No longer a diehard Republican but a registered Democrat who noted that President Clinton is putting a lot of money into



Sharon Bennett/University Photography

Graduate student John Benjamin in front of the Red Cross Emergency Community Shelter at 201 W. Clinton St.

transitional housing, Benjamin said: “Working to overcome the problem of homelessness has become my calling in life. We need to not only teach homeless people how to access

services available to them, but also to teach the public in general how this is a societal problem. After all, there but for the grace of God, we could be in their shoes.”

Cornell hosts mock trial competition

A group of Cornell undergraduates will find themselves in court when they participate in a mock trial competition Nov. 18 and 19 in Ithaca.

The Cornell University Pre-Law Society will argue against students from Howard and Georgetown universities and Cedar Crest and Smith colleges in the competition that will be held in the Tompkins County Courthouse. Opening arguments begin each day at 9 a.m.

Students will act as attorneys for both sides and as witnesses. They will be graded in their opening and closing arguments and in their cross-examinations of the witnesses as they argue the fictitious case. The verdict will be rendered by judges, who will be portrayed by Cornell faculty and area attorneys.

The plaintiff in the case seeks \$250,000 in personal damages from the Erie Railroad Co. after the car she was driving rammed a train operated by the rail company. The plaintiff, who was on her way home from a Halloween party, claims the railroad signal failed to operate. The two sides already have settled out of court on medical expenses, but the plaintiff is seeking an additional settlement.

"The mock trial gives undergraduate students a chance to realize the courtroom experience," said Greer Gilson, a senior history major who is president of the Cornell Pre-Law Society. "Most of us expect to pursue a career in law, so it's a good experience to have."

Cornell will use the competition to decide who will represent the university at the regional mock trial competition to be held at Clark University in February 1995.

New partner at Theory Center

Ronin Systems, Inc. of New Haven, Conn., has joined the Cornell Theory Center (CTC) as the newest member of its Corporate Research Institute. Theory Center officials have announced.

Ronin Systems is a start-up firm that is developing portable technical applications and middleware for the high-performance computing market. The firm is using the Theory Center's IBM Scalable POWERparallel SP-2 and Kendall Square Research KSR-1 supercomputers for a prototype test of a sparse iterative linear solver. This solver will be portable between multiple distributed memory architectures and will optimize interprocessor communications. It is expected to be released commercially in the second quarter of 1995.

The firm also is using an IBM RS/6000 workstation at the Theory Center to simulate the performance of operating system enhancements that will ease programming on distributed memory architectures like the SP-2.

The research for both of these projects was funded by Small Business Innovation Research Grants from the federal Advanced Research Projects Agency.

"Most industry/university cooperative research programs are only geared towards large end-users who want to see what the technology can do," said Gary Davison, Ronin Systems CEO. "The Cornell Theory Center's small business affiliate option is a rare exception. By reducing barriers to entry for small, technology-driven firms like ours, this low-cost program is helping to develop the kinds of innovative software tools that this industry needs."

Besides helping companies such as Ronin Systems develop new software, the CTC is interested in bringing its extensive parallel computing resources and expertise to bear on the computational challenges. For more information, contact Paul Redfern, (607) 254-8609 or e-mail <red@tc.cornell.edu>. For more information about Ronin Systems, contact Gary Davison at (203) 497-9357.



David Lynch-Benjamin/University Photography

Christine Huddle, Melynee Weber, Julie Allen and Mary Rose Synak in Brian Friel's *Dancing at Lughnasa*.

CU director trekked to Ireland for Lughnasa

By Lisa Bennett

Some plays move people more than others, and Brian Friel's *Dancing at Lughnasa*, which opens at the Center for Theatre Arts tonight, is one of them.

To direct this play, Ron Wilson went beyond the usual efforts of studying the text, researching the time and place, grappling with the characters and conflicts and tapping his own not-so-shabby imagination.

Wilson, an assistant professor of theatre arts, and Alison Van Dyke, a senior lecturer in speech and acting, traveled to the northwest coast of Ireland, County Donegal and a little town named Glenties, where the play is set.

"We wanted to be as truly authentic as possible," said Wilson. "We wanted to see the town and talk to the people. As it turned out, we got more than expected."

Wilson and Van Dyke had spent several days recording voices, since the people of County Donegal speak with a dialect different than that spoken by other Irish, when Wilson noticed the name "Friel" in a bed-and-breakfast directory.

Could this B & B owner be related to the playwright?

Wilson knew that Friel, a well-respected playwright who is not embarrassed to use rich language, used to visit the area to see his aunts who were the inspiration for *Dancing at Lughnasa*.

It is a story about five sisters and a young boy and the ways in which they deal with the tensions between the expectations of Catholicism and impulses of paganism, of discontent and dreams, of morality and spirit. It is told through the eyes of the boy, now a man, as he looks back on a two-week period that includes a visit from his father and the annual harvest festival of Lughnasa, dedicated to the pagan god, Lugh.

Intrigued by the possibility of hearing more stories about the Friel family, Wilson and Van Dyke drove to the B & B. And

though the owner was not a relative, she invited them in to talk and suggested where they could seek another who knew them, in a food co-op in Glenties.

"So we rolled into Glenties," Wilson recalled, "and this woman put down her work." She talked about her memories and then arranged for Wilson and Van Dyke to talk to a local doctor who also knew the family and who, in turn, referred them to another.

"I don't think I have ever encountered a people so generous," said Wilson. "They were amazingly forthcoming."

This then was what he brought back to his cast of eight actors: A sense of being moved by the Irish gentleness, their joy and irony, their ways of dealing with a life that is difficult and the countryside, which is, he said, like the

'It was complete serendipity. If we had planned it, I know it wouldn't have occurred. But this was Ireland.'

— Ron Wilson

people, both rugged and beautiful.

But there is more.

"This is a play about how our lives are affected by the suppression of our pagan selves," said Wilson, "about how society and religion contribute to that suppression and about how music and dance liberate that basic spirit and joy."

"This is the element of the play that I find myself most strongly reacting to," Wilson said: "When the spirits get suppressed by society. That has to happen sometimes for the betterment of the whole, but what gets lost? There is a frustration that we walk around with sometimes, and we're not sure

why. I think it is that there is not an encouragement of the wildness; there is more of a pressure for conformity."

"This is the way society works, it is what it does: It forms and shapes behavior so that it is more acceptable. But what do we lose?" he asked again. "I look at my parents and aunts and uncles who made certain life choices and what they had to set aside of themselves to do that, and it's heartbreaking in many ways."

This tension between society's pressures to conform and the individual's need to express something genuine and unique is a theme of which Wilson has long been aware in his own life.

He spent 15 years as a solo mime performer in his youth. He worked temp office jobs to support himself between acting jobs in New York City and knew that he could not do that work all day, every day. He worked as a freelance teacher, director and performer until he was in his early 40s.

"I didn't want to be beholden to a system and I had strong feelings about doing my work and remaining truthful to that. But in this society that is not really acceptable, it is looked at as very odd," Wilson recalled.

"And now my friends and I, as we are reaching our mid- to late- 40s, have a sense of: What have we lost by giving into society's expectations as opposed to our own? So I can empathize with the paganism, the wildness of spirit and what it feels like when that gets shut down," he said.

"The play is about that underlying tension, and a need to have an explosion of it," he added. "Yet it doesn't allow that to occur, except for a moment. Friel is pretty wily about that."

Dancing at Lughnasa will be performed at 8 p.m. on Nov. 17 to 19, at 2 p.m. on Nov. 20 and at 8 p.m. on Dec. 1 to 3. Tickets are \$6 for students and seniors, \$8 for the general public and may be purchased at the box office at the Center for Theatre Arts or by phone by calling 254-ARTS.

National Academy of Human Resources honors Lee Dyer

The National Academy of Human Resources (NAHR) has elected Lee Dyer as a Fellow of the Academy, an honor considered one of the most prestigious in the human resources field. Dyer is a professor of human resource management in the Department of Human Resource Studies at Cornell.

"We are proud to honor Lee Dyer for his contributions to both the academic and the professional communities," said Howard V. Knicely, chairman of NAHR.

"He has written texts that are shaping the next generation of human resource professionals, drawing from his experience as a human resource consultant to some of the largest companies in America."

In addition to serving as director of the Center for Advanced Human Resource Studies at Cornell's School of Industrial and Labor Relations, Dyer frequently lectures on various human resource management topics. He serves on the Human Resource

Planning Society's research committee and on the editorial boards of several human resource publications.

Dyer is one of 10 Fellows in the class of 1994 selected by NAHR. The other Fellows are among the industry's top practitioners and scholars, representing leading corporations and universities.

Dyer earned his bachelor's and master's degrees in business, as well as his doctorate, from the University of Wisconsin.

CALENDAR

from page 8

Columbia University, Nov. 18, 4:30 p.m., 374 Rockefeller.

European Studies

"The Search for (Political) Identity: The Romanian Intellectuals in the 1990's," Mihai Miroiu, University of Bucharest, Nov. 21, 12:15 p.m., 153 Uris.

"Bosnia-Herzegovina: An Interdisciplinary Country," Omer Hadziselimovic, University of Sarajevo, Nov. 28, 4:30 p.m., G08 Uris.

Southeast Asia Program

"Slides From a Visit to Keng Tung," Aroonrut Wichienkeeo, Rajabhat Institute, Nov. 17, 12:15 p.m. Kahin Center, 640 Stewart Ave.

"Old Wine in New Bottles: Vietnam's March to the South," Stephen Graw, rural sociology, Dec. 1, 12:15 p.m. Kahin Center, 640 Stewart Ave.

Theory Center

TBA, Peter Weibe, Woods Hole Oceanographic Institute, Nov. 29, 2:30 p.m., 456 Theory Center.

Women's Studies Program

"The Status of Women's Studies in Africa: The Example of Ghana," Anne Adams, Africana studies, Nov. 18, 3:30 p.m., ILR faculty lounge, Ives Hall.

MUSIC

Music Department

"An Evening of Sondheim" will be performed by Todd Smith, tenor; Michael Slon, piano and members of the Cornell University Glee Club and Chorus, Nov. 17, 8:15 p.m., Barnes Hall, free.

"New Music from Cornell" will feature new compositions by graduate student composers. Featuring: Sally Lamb's "Echoes of the Bell," for soprano, mezzo, flute, oboe and clarinet; Steven Burke's "Groovetude no. 1," for solo piano; Mark Mellits "Merge Left," for two flutes; Sean Feit's "Lux Aeterna," for 6-voice chorus, string trio and organ; Nov. 18, 8:15 p.m., Barnes Hall, free.

The Cornell Symphony Orchestra, conducted by Edward Murray, will present a program of Dvorak, Bartok and Elgar. Sudip Bose is the soloist in Bartok's First Violin Concerto, an extraordinarily beautiful work. The concert begins with the Pomp and Circumstance Marches No. 2 and 3 of Elgar. Nov. 20, 4 p.m., Bailey Hall, free.

Student composer, pianist, dancer Catherine Charlton will present a concert of her improvisations and a performance of a *Gumbe* dance by Catherine Charlton and other members of Cornell's African-Dance class. The concert also includes a Prelude by Scriabin and her own premiere of "A Celestial Story." Nov. 21, 8:15 p.m., Barnes Hall, free.

Cornell University Glee Club members Dan Falcone will perform music by Scarlatti, Gluck, Handel, Schumann and Vaughan Williams for baritone and piano and David Anderson will sing songs by Schubert. Nov. 22, 8:15 p.m., Barnes Hall, free.

Students of Sonya Monosoff will perform Beethoven's Sonata in D Major, op. 12, no. 1; Mozart's Duo in G Major, K423; and the Piano Trio in B Major, op. 8 by Brahms. Nov. 30, 8:15 p.m., Barnes Hall.



Edward Murray conducting the Cornell Symphony Orchestra

Charles Harrington/University Photography

Johnson Museum

Nov. 20: Cornell Jazz Ensemble, 3 p.m.

Bound for Glory

Nov. 20: Geoff Bartley, prize-winning, finger-style guitarist; bluesy singer-songwriter. 8 p.m.-11 p.m., Commons Coffee House, Anabel Taylor Hall. Bound for Glory can be heard Sundays from 8 to 11 p.m. on WVBR-FM, 93.5.

religion

Sage Chapel

Richard Neuhaus, Roman Catholic priest, will give the sermon on Nov. 20 at 11 a.m. No service on Nov. 27. Sage is a non-sectarian chapel that fosters dialogue and exploration with and among the major faith traditions.

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 dawn prayers and breakfast, 7 a.m. "Dialog: Racism" workshops; Mondays, 8:30-10:30 p.m. through Dec., Ujamaa unit 4 lounge. For details, call 253-2401.

Catholic

Weekend Masses: Saturday, 5 p.m.; Sunday, 10 a.m., noon and 5 p.m., Anabel Taylor Auditorium. Daily Masses at 12:20 p.m. in Anabel Taylor Chapel. Sacrament of Reconciliation, Saturday, 3:30 p.m., G-22 Anabel Taylor Hall.

Nov. 24: Thanksgiving Day Mass, 10 a.m., Anabel Taylor Chapel.

Nov. 26-25: Thanksgiving weekend Mass, Sat., 5 p.m.; Sun., 10 a.m., 5 p.m.

Christian Science

Testimony and discussion meeting 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. Adult discussions most weeks at 9:50 a.m., 314 Anabel Taylor Hall.

Jewish

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

Shabbat Services: Friday, 5:30 p.m., Anabel Taylor Hall: Conservative, Founders Room; Reform, Chapel; Orthodox, Young Israel, call 272-5810 for time.

Saturday Services: Orthodox, 9:15 a.m., Edwards Room, ATH; Conservative/Egalitarian, 9:45, Founders Room, ATH.

Hillel meeting: Mondays, 4:45 p.m., G-34 ATH. Nov. 18-20: "Young Israel Pre-Frosh Shabbaton," call 272-5810 for more information.

Nov. 20: Temple Beth El book fair, 9 a.m.-3 p.m., corner of Court and Tioga streets.

Nov. 28-Dec. 1: Hanukkah candle lighting, 5:30 p.m., Willard Straight Lobby.

Dec. 1: Israeli Hanukkah party, 4:30 p.m., Founders Room, ATH.

Korean Church

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

Latter-day Saints (Mormon)

All are invited to classes on the Book of Mormon: Wednesdays, 7:30 p.m., 314 Anabel Taylor Hall; Fridays, 1 p.m. 316 Anabel Taylor Hall. Sunday services start at 1 p.m. For directions and/or transportation call 272-4520 or 257-6835.

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

"The State of Chinese Animal Agriculture," Min An, Beijing Agricultural University, Nov. 22, 12:20 p.m., 348 Morrison Hall.

"Teaching About Sustainable Animal Agriculture," Dan Brown, animal science, Nov. 29, 12:20 p.m., 348 Morrison Hall.

Applied Mathematics

"A Large-Scale Optimization Toolbox for Matlab," Thomas Coleman, computer science, Nov. 18, 1:15 p.m., 708 Theory Center.

"Pattern Selection with Anisotropy During Directional Solidification," Rebecca Hoyle, Dec. 1, Northwestern University, 4 p.m. 456 Theory Center.

Astronomy & Space Sciences

"The Kinematics and Dynamics of Globular Star Cluster - New Light on Old Stars," Ted Williams, Rutgers University, Nov. 17, 4:30 p.m., 105 Space Sciences Building.

Biochemistry

"Genes and Molecular Origins of Cancer," Robert Weinberg, Massachusetts Institute of Technology, Nov. 17, 8 p.m., James Law Auditorium, Schurman Hall.

"The Retinoblastoma Protein and Control of the Cell Cycle Clock," Robert Weinberg, Massachusetts Institute of Technology, Nov. 18, noon, large conference room, Biotech Building.

"Best-fit Analysis of Turkey Stuffing Interactions," multiple hosts, Cranberry State University, Nov. 25. Seminar will be held in the homes of Field members or associates.

Biogeochemistry

"Biogeochemistry of Aquatic Humic Substances in Lakes and Streams," Diane McKnight, U.S. Geological Survey, Nov. 18, 4 p.m., Morison Room, Corson Hall.

Biophysics

"Membrane Peptide Structure and Dynamics Using NMR and Molecular Simulations," James Davis, University of Guelph, Nov. 30, 4:30 p.m., 700 Clark Hall.

Chemistry

"Rigorous Analysis of Electronic Wavefunctions and Its Applications to Chemical Problems," Jerzy Cioslowski, Florida University, Nov. 17, 4:40 p.m., 119 Baker.

"TBA, Amir Hoveyda, Boston College, Nov. 21, 4:40 p.m., 119 Baker.

"Two-Dimensional Fourier Transform and Far Infrared ESR Studies of Molecular Dynamics in Fluids," Jack Freed, chemistry, Dec. 1, 4:40 p.m., 119 Baker.

Ecology and Systematics

"Ecological History and Adaptation to a Novel Environment. Does Environmental Heterogeneity Matter?" David Hawthorne, ecology and systematics, Nov. 30, 4 p.m., A106 Corson Hall.

Energy Engineering

"World Oil, Gas and Coal Life Cycles," Richard Duncan, Institute on Man and Energy, Nov. 17, 12:20 p.m., 118 Ward Hall.

Entomology

"Microorganisms That Alter Reproduction in Their Hosts," Jack Werren, University of Rochester, Nov. 17, 4 p.m., A106 Corson Hall.

"Chemical Communication Systems in Insects," Wendell Roelofs, Agricultural Experiment Station, Geneva, Dec. 1, 4 p.m., A106 Corson Hall.

Floriculture & Ornamental Horticulture

"Integrated Pest Management," Gerard Ferrentino, undergraduate seminar, Nov. 17, 12:20 p.m., 37 Plant Science.

"Stone Fruit Programs in Australia and New Zealand," Robert Andersen, Agricultural Experiment Station, Nov. 21, 11 a.m., Geneva, Jordan Hall, staff room.

Food Science

"BSE and Other Spongiform Encephalopathies in Humans and Animals - Causative Agent, Pathogenesis and Transmission," C.J. Gibbs, National Institutes of Health, Dec. 1, 4:15 p.m., 204 Stocking Hall.

Fruit & Vegetable Science

"Orchard Groundcover Effects on Leaching and Runoff of Pesticides and Plant Nutrients," Ian Merwin, fruit and vegetable science, Nov. 17, 4 p.m., 404 Plant Science.

"Retro and Forward Views," Chris Watkins, fruit and vegetable science, Dec. 1, 4 p.m., 404 Plant Science.

Genetics and Development

"The Role of Molecular Genetics in Conservation Biology," Robert Wayne, University of California in Los Angeles, Nov. 21, 4 p.m., conference room, Biotech Building.

Geological Sciences

"Late-Stage Melt Evolution and Transport in the Shallow East Pacific Rise Mantle," Henry Dick, Woods Hole Oceanographic Institution, Nov. 22, 4:30 p.m., 1120 Snee Hall.

"Structural Framework and Evolution of the Eastern Nepal Himalaya," Dan Schelling, University of Utah, Nov. 29, 4:30 p.m., 1120 Snee Hall.

TBA (Japan, tectonics), Hiroshi Sato, Dec. 1, 4:30 p.m., 1120 Snee Hall.

German Studies

"Multiple Life: A Rose is a Can is a Canvas: Production Principles of the Andy Warhol Factory," Klaus Theweleit, University of California, Nov. 17, 4:30 p.m. Guerlac Room, A.D. White House.

Hotel Administration

"Empirically Detecting Limitations on the Rationality of Choice Behavior Among Service Consumers," Michael Morgan, Nov. 28, 4 p.m., 165 Statler Hall.

Continued on page 7

Zukerman to perform and give violin lesson to area children

Pinchas Zukerman, the world-acclaimed violinist, will visit Cornell on Saturday, Nov. 19, to perform in an evening concert at Bailey Hall and give a group violin lesson to children in the same hall that afternoon.



Pinchas Zukerman

The demonstration for children, which is free and organized by Cornell's Faculty Committee on Music, will begin at 2 p.m. on Nov. 19. Complimentary tickets will be required at the door and should be requested in advance through the Ithaca City School District.

The concert, which also will feature pianist-composer Mark Neikrug, with whom Zukerman is celebrating 20 years of collaboration, will begin at 8:15 p.m. The program will include the Sonata for Violin and Piano by Ravel, the Sonata Concertante by Neikrug, Four Romantic Pieces by Dvorak and the Fantasie for Violin and Piano by Schubert.

Zukerman, who was born in Tel Aviv in 1948 and came to the United States in 1962 to study at the Julliard School, is acclaimed not only as a violinist but as a violist, conductor, teacher and chamber musician.

The Emerson String Quartet also will perform in the Statler Auditorium on Tuesday, Nov. 29 at 8:15 p.m. This concert will feature the Beethoven String Quartets Op. 74 and Op. 95 and the Bartok Quartet No. 2.

Tickets are on sale at the Lincoln Hall ticket office, Monday through Friday, 9 a.m. to 1 p.m., or call 255-5144.

CALENDAR

from page 6

Immunology

"IgE Receptors, Membrane Domains and a New Hypothesis for Signal Transduction," David Holowka, chemistry, Nov. 18, 12:15 p.m., Boyce Thompson Auditorium.

Latin American Studies

Labor Standards and International Trade," Gary Fields, industrial and labor relations, Nov. 22, 12:15 p.m., 153 Uris Hall.

Materials Science & Engineering

TBA, Joachim Maier, Max-Planck-Institut fur Festkorperforschung, Nov. 17, 4:30 p.m., 140 Bard Hall.

"Mechanical Properties of Thin Films & Multilayers," Tony Evans, Harvard University, Dec. 1, 4:30 p.m., 140 Bard Hall.

Microbiology

"The Agrobacterium T-Complex Transport System: A Paradigm for Understanding How Nucleoprotein Complexes Move Across Biological Membranes," Peter Christie, University of Texas Health Science Center, Nov. 17, 3 p.m., G-10 Biotech Building.

"Microbial Reductive Dehalogenation of Chlorinated Pollutants," Gosse Scharaa, Wageningen Agricultural University, Dec. 1, 4 p.m., G-10 Biotech Building.

Neurobiology & Behavior

"Fluctuating Asymmetry and Sexual Selection," Randy Thornhill, University of New Mexico, Nov. 17, 12:30 p.m., Morison Seminar Room, Corson-Mudd Hall.

"Sound and Vibration Sensing in the Evolution of Insect Hearing and Songs, Deduced from the Physiology of a Tibial 'Vibration' Detector," Stephen Shaw, Dalhousie University, Dec. 1, 12:30 p.m., Morison Seminar Room, Corson-Mudd Hall.

New York Land Use & Environmental Stewardship

"Land Protection in the Finger Lakes - Finger Lakes Land Trust," Phil Snyder, Finger Lakes Land Trust, Nov. 29, 12:20 p.m., 304 Fernow Hall.

Olin Library

"Cruising the Internet for Library Resources: WorldWideWeb/Mosaic," Nov. 17, 7 p.m., 703 Olin Library.

"The Guido Kisch Collection of Judaica Materials," Yoram Szekely, Jewish Studies bibliographer, Nov. 17, 2 p.m., 702 Olin Library.

Ornithology

"Voices of the Amazon Rainforest," Greg Budney and Dave Ross, Nov. 21, 7:30 p.m., Fuertes Room, Lab of Ornithology.

"Birding with a Camera," Tim Gallagher, Nov. 28, 7:30 p.m., Fuertes Room, Lab of Ornithology.

Pharmacology

"The Role of Intracellular Calcium in Sperm Motility," Susan Suarez, Department of Anatomy, Nov. 28, 4:30 p.m., G-3 Vet Research Tower.

Physics

"Wavelets, Visual Systems and the Statistics of Nature," David Field, Nov. 21, 4:30 p.m., Schwartz Auditorium, Rockefeller Hall.

TBA, John Armstrong, IBM, Nov. 28, 4:30 p.m., Schwartz Auditorium, Rockefeller Hall.

Physiology & Anatomy

"Insulin-Like Growth Factors and Binding Proteins in Fetal Development," Victor Han, Nov. 29, 4 p.m., G-3 Vet Research Tower.

Plantations

"Greenways: Urban Constellations of Culture, Artifact and Nature," Peter Trowbridge, landscape architecture, Nov. 18, 7:30 p.m., Boyce Thompson Institute.

Plant Biology

"Import and Processing of Proteins Targeted to the Chloroplast," Gayle Lamppa, University of Chicago, Nov. 18, 11:15 a.m., 404 Plant Science.

Plant Breeding

"Development of Micro-Satellite Markers for Rice," Olivier Paudal, plant breeding, Nov. 29, 12:20 p.m., 135 Emerson Hall.

Plant Pathology

"Virus Infection of Red Spruce: How, When and Where?" John Costello, SUNY College of Env. Sci and Forestry, Nov. 21, 3 p.m., A133 Barton Lab.

"Genetic Diversity of *Agrobacterium Vitis*: Implications in Bacterial Evolution," Leon Otten, CNRS Institute of Plant Molecular Biology, Nov. 22, 10 a.m., A133 Barton Lab.

"An American (del Norte) in Santiago: Rotten Roots and Pisco Sours," Wayne Wilcox, plant pathology, Geneva, Nov. 29, 3 p.m., A133 Barton Lab.

"Transfer of Acysuger-Mediated Multiple Pest Resistance to Tomato," Martha Mutschler, Nov. 30, 12:20 p.m., 404 Plant Science Building.

Psychology

"I Don't Want Your Damn Pills, Doc!": Some

Sociopsychological and Historical Reflections on the Reluctance to Accept Treatment with Antidepressant Medications," Howard Feinstein, Nov. 18, 3:30 p.m., 202 Uris Hall.

Science & Technology

"Theories of Neutral Molecular Evolution in Historical Perspective," William Provine, ecology and systematics, Nov. 28, 4:30 p.m., 609 Clark Hall.

Society of Engineers

"Project Management - Dealing with Uncertainty," Robert Dean, Deanco, Nov. 17, 4:30 p.m., 155 Olin Hall Lounge.

South Asia Program

"Village Autarchy in India: Myth and Historical Evidence," Sanjay Subrahmanyam, Nov. 18, 12:15 p.m., G08 Uris Hall.

Southeast Asia Program

"Tibetan Exile Politics: The Roles of Active and Passive Resistance in the Struggle for Independence," Jaymayang Norbu, Tibetan Centre of Advanced Studies, Nov. 21, 4:30 p.m., 153 Uris.

Stability, Transition & Turbulence

APS meeting, Nov. 22, 12:30 p.m., 178 Theory Center.

"Starting Transients in Flow Over a Moving Obstacle," Henry Carlson, Nov. 29, 12:30 p.m., 178 Theory Center.

Textiles & Apparel

"The Role of Specific Interactions in the Design of Homogenous Polymeric Blends and Composites," Christine Landry, Eastman Kodak Co., Nov. 17, 12:20 p.m., 317 Martha Van Rensselaer Hall.

Theoretical and Applied Mechanics

"Residual Stresses Resulting from Thermal Fitting Process of Shrink Fits," M.T. Merz, Nov. 30, 4:30 p.m., 205 Thurston Hall.

Toxicology

"Natural Toxin from Salad," Dan Brown, animal science, Nov. 18, 12:20 p.m., 135 Emerson.

Urban Studies and Planning

"Social Policies and Land Use Practicalities: Natural Resource Based Enterprise in Rural New York State," Lois Levitan, plant science, 12:20 p.m., 115 Tjaden Hall.

theatre

Theatre Arts Department

"Dancing at Lughnasa." The story of five unmarried sisters, eking out their lives in a small Irish village in 1936. Their spare existence is interrupted by brief, colorful bursts of music from the radio, their only link to the romance and hope of the world at large. An exploration of the human spirit that cannot be vanquished by time or loss. Nov. 17, 18, 19, Dec. 1, 2, 3 at 8 p.m.; Nov. 20 at 2 p.m.; Proscenium Theatre; \$6/\$8.

miscellany

Alpha Phi Omega

Clothing drive to encourage members of the Cornell community to bring back from Thanksgiving break at least one piece of high-quality, warm clothing for distribution to people in need in Tompkins County. Drop boxes will be located from Nov. 21 to Dec. 1 in residence halls, greek organizations, student unions, Terrace Restaurant, Big Red Barn and Triangle Books. Organized by Alpha Phi Omega, Ecology House and Ithaca Rotary Club.

Environmental Health and Safety

Lehigh safety shoes will be sold on campus Nov. 18. The shoemobile will be at the Environmental Health and Safety Building, 201 Palm Road (east of the orchards off Route 366) from 7:30 a.m.-noon and 1 p.m.-3 p.m. Details: call 255-8200.

Finger Lakes Land Trust

"Lick Brook Nature Walk," Nov. 19. Come enjoy the beauty of the Finger Lakes Region on a guided hike through the Sweedler Nature Preserve at Lick Brook. Hike begins at 10 a.m. at Finger Lakes Trail entrance at Townline Rd., Ithaca. Carpool at 9:30 from Best Western Motel, East Hill Plaza on Ellis Hollow Rd., East Ithaca. Rain or shine. Free.

Gannett Health Center

Influenza vaccine clinic for students, faculty and staff: Nov. 17, 4 p.m. to 6 p.m. and Nov. 18, 1:30 p.m. to 4 p.m. in the main lobby of Gannett Health Center. Fee: \$8

Sudent Assembly

The NAMES Project AIDS Memorial Quilt will be on display Nov. 30-Dec. 3 in the Memorial Room of Willard Straight Hall; Wed. through Fri., 7 a.m. to

Woeller accepts challenges of a champ under intense pressure

By Liam O'Mahony

Combining individual goals with an unselfish regard for teamwork is the foundation of cross-country running. In recent years, the Cornell women's harrier squad has had several runners achieve this vital balance with overwhelming success. Senior captain and three-time letter-winner Laura Woeller is one of these accomplished runners, and she was selected as an All-Ivy performer and received All-American honors last year. Now, as she nears the finish line of her Big Red career, Woeller continues to sprint non-stop to the top of her game.

Running against intense competition and under extreme pressure has been a normal routine for Woeller, a native of Fulton, N.Y., throughout her four years at Cornell. She has competed and excelled in England, Scotland, Minnesota and on the Big Red's home turf, the Robert Trent Jones golf course, where the gorges add a difficult twist. Understandably, the most comfortable place for her to run is Van Cortlandt Park in New York City, where she became the third woman harrier to repeat as the Heptagonal champion on Oct. 28. Woeller, who finished with a time of 18:14 (just 20 seconds shy of last year's winning time), and her fellow harriers earned third-place in a tight race.

"Last year's race was easier because I wasn't expected to win," Woeller said. "It was more stressful this year being the defending champion." One of the characteristics of premier runners is their ability to meet challengers in defense of their title and Woeller did just that with her usual endurance and stamina. "Since Laura was the returning champ, everyone was ready to take a shot at her, so she had all the pressure on her," Cornell cross country coach Lou Duesing said.

The women's team has run well this year despite losing several seniors to graduation. "Being a captain, I have had more responsibilities," Woeller said. "Last year, I always ran with the seniors and I've had to adjust in their absence." Woeller is pleased with the squad's performance, referring to the close results of the Heptagonal race in which six points separated the Big Red from first. She also feels that the harriers have met their goals for the season, but she looks forward to a chance at qualifying for the nationals.

During the summer, the dedicated Woeller underwent her own training program by running eight or nine miles a day. With such an incredible drive, it is evident that she loves to run. "I train hard and I get out what I put in," Woeller said. "I visualize the race and I want to win." Running for Cornell is a three-sport commitment that includes winter and spring



Tim McKinney

Laura Woeller

track and field, so there is never an off-season for student-athletes like Woeller. "Laura's a tough, tenacious competitor," Duesing said. "She has also kept her perspective in a challenging engineering program and achieved at every level."

As a chemical engineering major, Woeller has had quite an academic workout to supplement her long distance treks. When she's not leading the pack on the cross-country course, she thrives in the classroom as a member of the Red Key and Quill & Dagger honor societies. "Cornell has been good to me and my department has always been supportive of me," Woeller said. She currently is interviewing with several companies to put her expertise to work, but don't expect her to stop running after she graduates. "I'll keep on running and I hope to compete in future races and clubs," she said.

Relentless determination and a natural desire to compete best characterize Woeller's positive attitude towards the rigors of long-distance running. As soon as the harriers finish the fall campaign, Woeller will make the quick transition to indoor track, where her specialty is the 1500-meter race.

Women's Basketball

Nov. 26-27, Sheraton Classic at Cornell.

Women's Fencing

Nov. 19, Cornell Invitational, 8:30 p.m.

Football (6-3)

Nov. 19, PENNSYLVANIA, 1 p.m.

Men's Hockey (1-0-1)

Nov. 18, at Harvard, 7:30 p.m.
Nov. 19, at Brown, 7 p.m.
Nov. 25-26, at Toronto Tournament.

Women's Hockey (2-2-0)

Nov. 19, at Brown, 2 p.m.
Nov. 20, at Providence, 12:30 p.m.

Men's Squash

Nov. 19, at Pennsylvania, noon.
Nov. 20, at Princeton, noon.

Men's Swimming

Nov. 19, PENNSYLVANIA and YALE, noon.
Nov. 26, ARMY, noon.

Women's Swimming

Nov. 19, PENNSYLVANIA and YALE, 3 p.m.

Wrestling

Nov. 19, at E. Stroudsburg Tournament.
Nov. 27, Cornell Challenge Duals at Barton Hall.

sports

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

Men's Basketball

Nov. 26, at Lehigh, 7 p.m.

CALENDAR

November 17
through
December 1

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

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. For information, call 387-6547.

Nov. 20: 7:30 p.m., review of workshop dances; 8:30 p.m., open dancing and requests, North Room, Willard Straight Hall.

Israeli Folkdancing

Thursdays, 8 p.m., Edwards Room, Anabel Taylor Hall; instruction and request dancing, beginners welcome; free and open; no dancing Nov. 24; 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.

• "The Cult of Personality: Portraiture in 16th Century Europe," through Jan. 1. Featuring Dutch, English, French, Italian and German paintings and prints from the permanent collection.

• "Contemporary Prints from the Quartet Gallery," through Jan. 1. This exhibition includes work



Sharon Bennett/University Photography

From left: Cornell writers A.R. Ammons, James McConkey and Phyllis Janowitz were among those who participated in the nationwide Writer's Harvest Nov. 2 at Uris Auditorium. The annual series of readings benefited hunger relief.

by Gregory Amenoff, Richard Bosman, John Buck, Louisa Chase, Christo, Red Grooms, Sol Lewitt and Sylvia Plimack Mangold.

• "Cornell Art Department Faculty Exhibition," through Jan. 8. This annual mixed-media exhibition presents the work of the department's faculty and emeritus professors.

• Keith Haring: Prints from the Collection of Beth Hyman, through Jan. 8. Haring (1958-1990) attempted to raise awareness about racism and the discrimination surrounding AIDS.

• William H. Johnson: Homecoming, through Jan. 8. Forty paintings made by Johnson, one of the most important African-American painters of the 20th century.

• 12 O'Clock Sharp, Thursday Noontime Gallery Talks: Nov. 17, a tour of the "Cornell Art Department Faculty Exhibition;" Dec. 1, a tour of the Keith Haring exhibit.

• Sunday Afternoon Artbreaks: Every Sunday through Dec. 4 (except Nov. 27), Gallery talks focused on aspects of the permanent collection or special exhibitions.

Anthropology Department

"Voices From the Past: A Slave Cabin Excavation, Cumberland Island, Georgia," featuring materials gathered by Professor Robert Ascher, is on view in McGraw 215 through Dec. 21.

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. **Cornell Cinema will be closed Nov. 23-26.**

Thursday, 11/17

"The Client" (1994), directed by Joel Schumacher, with Susan Sarandon and Tommy Lee Jones, 7 p.m.

"Hot Buttered Shrimp," live improvisational comedy, 10 p.m.

Friday, 11/18

"In the Land of the Deaf" (1994), directed by Nicolas Philibert, 7:10 p.m., Uris.

"Coming Out Under Fire" (1994), directed by Arthur Dong, 7:30 p.m.

"The Client," 9:25 p.m., Uris.

"Casablanca" (1942), directed by Michael Curtiz, with Humphrey Bogart and Ingrid Bergman, 9:30 p.m.

"Megazone 23, pt. 2" (1985), directed by Yasuomi Umetsu, midnight.

Saturday, 11/19

"Little Nemo: Adventures in Slumberland" (1992), directed by Masami Hata and William T. Hurtz, 2 p.m., \$2/\$1.50 kids 12 and under.

"Germinal" (1993), directed by Claude Berri, with Miou-Miou and Gérard Depardieu, 7:15 p.m., Uris.

"Serbian Epics" (1993), directed by Pawel Pawlikowski, 7:30 p.m. Shown with "Traces of Sarajevo" (1994), directed by Sanin Sisic.

"Casablanca," 9:45 p.m.

"The Client," 10:30 p.m., Uris

"Megazone 23, pt. 2" midnight.

Sunday, 11/20

"Moonlight Boy" (1993), directed by Yu Wen, with Wang Qi Zan, Carol Ine Lu and Ni Shu Jun, 2 p.m., free.

"In the Land of the Deaf," 4:30 p.m., \$3.50.

"Shame" (1968), directed by Ingmar Bergman, with Liv Ullmann and Max Von Sydow, 7:30 p.m., Uris, free.

"The Client," 7:30 p.m.

Monday 11/21

"Diva" (1982), directed by Jean-Jacques Beineix, with Wilhelmina Wiggins Fernandez and Frederic Andrei, 7 p.m.

"Coming Out Under Fire," 9:40 p.m.

Tuesday, 11/22

"The Last Stand," Southeast Asia Film Series, 4:30 p.m., Kahin Center, 640 Stewart Ave., free.

"Germinal," 7 p.m.

"The Client," 7:30 p.m.

Sunday, 11/27

"Dialogues with Mad Women" (1993), directed by Allie Light, 8 p.m.

Monday, 11/28

"Entre Nous" (1983), directed by Diane Kurys, with Miou-Miou and Isabelle Huppert, 7 p.m.

"Slacker" (1990), directed by Richard Linklater, with Richard Linklater and R. Basquez, 9:30 p.m.

"Thanh's War," 7:30 p.m. the Kahin Center, 640 Stewart Ave., free.

Tuesday, 11/29

"Dialogues with Mad Women," 7:15 p.m.

"Set in Motion: Rock Hudson's Home Movies" (1992), directed by Mark Rappaport, with Rock Hudson and Eric Farr, 7:30 p.m., Center for Theatre Arts Film Forum, \$2.

"My Life's In Turnaround" (1993), directed by

Eric Schaeffer and Donal Lardner Ward, 9:20 p.m.

Wednesday, 11/30

"Marnie" (1964), directed by Alfred Hitchcock, with Tippi Hedren and Sean Connery, 7:10 p.m.

"Death of a Bureaucrat" (1966), directed by Tomas Gutierrez Alea, 8 p.m., Goldwin Smith Hall, lecture room D, free.

"Singles" (1992), directed by Cameron Crowe, with Matt Dillon and Bridget Fonda, 10 p.m.

Thursday, 12/1

"Dream Girls" (1993), directed by Kim Longinotto and Jano Williams, 7:15 p.m. Shown with "Eat the Kimono" (1989), directed by Claire Hunt and Kim Longinotto.

"Airheads" (1994), directed by Michael Lehmann, with Brendan Fraser, Steven Buscemi and Adam Sandler, 9:50 p.m.

graduate bulletin

Thesis/Dissertation: The thesis/dissertation submission deadline for a Jan. 1995 degree is Jan. 13, 1995. Students should see the graduate school thesis adviser (walk-in office hours: Mon. through Fri., 9 am to noon; also, 1:30 to 3:30 pm on Mon., Tues., and Thurs.) for approval of the format of their thesis/dissertation before submitting the final copies to the graduate school.

Foreign Language and Area Studies Fellowships: Applications are available in the graduate field offices and the Graduate Fellowship Office. Application deadline is Jan. 27. Award includes 9-month stipend of \$8,000 plus full tuition for 1995-96 academic year; available to citizens or permanent residents of U.S.

Jacob K. Javits Fellowship: Maximum award of \$14,400 stipend and \$9,243 for tuition (Cornell provides remainder of tuition); renewable up to four years; for doctoral candidates in the fields of arts, humanities or social sciences. At application, may not have more than 30 semester hours of graduate study. U.S. citizens and permanent residents only. Deadline is Nov. 28.

Spring 1995 ID validation and registration, new procedures: Go to ID validation in one of following places: Noyes Center or Robert Purcell (Jan. 19, 8:30 a.m.-noon) or Willard Straight Hall (Jan. 19-20, 1 p.m.-5 p.m.). Graduate students with 'holds' and all new graduate students should go to registration in the Lounge, Sage Hall (Jan. 19-20, 8:30 a.m.-4 p.m.).

lecture

East Asia Program

"Organizational Structures and Attainment in a Japanese and an American Firm," Hiroshi Ishida,

Continued on page 6



Florent Desjardins in the Nicolas Philibert film, *In the Land of the Deaf*, a documentary that shows how physically expressive deaf people are, and how emotionally impoverished verbal language can be. See listing for details.