

CORNELL Chronicle

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SHE'S STILL AFFIRMATIVE

Lani Guinier says she never favored quotas, but she remains committed to affirmative action.

5

REGULATING CYBERSPACE

On-campus conference addresses issues of law, freedom and censorship on the Internet.

8

Undergraduate researchers are on display during forum April 22-26

By Larry Bernard

So you think Cornell research is done only by professional scientists and graduate students? When you think of research, do you think only of biology, chemistry, engineering and physics?

Think again.

"Most students don't realize people do research in the humanities. We are trying to help bring that out in the open. Students may not realize that there is linguistics research, for example," said Nikki Holtmeier, a junior chemistry major.

Never has the breadth of research at Cornell been more obvious than at this year's annual Undergraduate Research Forum, scheduled for April 22-26. Sponsored by the Cornell Undergraduate Research Board and co-chaired by Holtmeier and Shefali Gandhi, a junior biochemistry major, the forum

is an opportunity for undergraduate students to present their research to the Cornell community, in much the same way that professors might present their own research at a professional meeting of their peers.

From genomes and insect pests to automobile design and new materials, 150 students will present their research, in oral or poster form, at locations throughout campus. A plenary session is scheduled for 4 p.m. Wednesday, April 24, in Schwartz Auditorium, Rockefeller Hall, featuring talks by President Hunter Rawlings and Jessika Trancik, a junior and a researcher in materials science and engineering.

Trac Vu, a junior fine arts and theater arts major, will show video clips from his documentary about his family in Vietnam in a talk called "Experimental Video: The Personal Essay Documentary," in which he reunites three generations of the heads of the house; and Isabel Ramos '96,

theater arts, will discuss "The Role of the Director and the Creation of Theater in Mexico" from 7 to 8 p.m. in Room B-17 Upton Hall.

Intrigued yet? Here is more, to be presented from 6 to 7:15 p.m. in 360 Martha Van Rensselaer Hall: Alexander Gurn '97, human development and family studies, discusses African culture by examining "playing dozens," a traditional cultural phenomenon and a form of social discourse in which insults play a large part. Madeline George '96, linguistics and women's studies, will discuss her work, which focuses on the tendency to attribute split personality traits to women who kill their children, in a talk called "Infanticide and Gender Identification in Ancient Greece and Present-Day South Carolina."

And of course, research in the traditional areas of biology, *Continued on page 4*

Senior wins Wallenberg Scholarship

By Jill Goetz

Karin Klapper couldn't be happier.

The Cornell senior has just learned that she will spend a year at the Hebrew University in Jerusalem as a Raoul Wallenberg Scholar.

Klapper, a communication major in the College of Agriculture and Life Sciences, was one of 10 Americans and two Israelis awarded the prestigious scholarship for the 1996-97 academic year. The scholarship is awarded to individuals, most of them graduating seniors, who have demonstrated leadership potential and provides them with full tuition and related costs for a year of study in the Hebrew University Visiting Graduate Program.

The scholarship is named for Raoul Wallenberg, the Christian Swedish diplomat who risked his life to rescue Jews during World War II.

"My grandparents had to leave Germany, and members of my extended family died during the Holocaust," Klapper said. "So to win an award named for a man who risked his life to save Jews is an incredible honor."

Klapper has honed her leadership skills on many fronts, most prominently as a student-elected trustee on the Cornell Board of Trustees. In this two-year position, she has worked on several committees — including Academic Affairs and Campus Life, Land Grant and Statutory College Affairs, and Buildings and Properties — and conducted a comprehensive housing survey of the freshman class to help trustees better understand freshman housing needs and concerns.

She also helped organize the university's first town meeting with President Hunter Rawlings and coordinated an open house as an ambassador of the agriculture college.

After attending an orientation session in New York City, Klapper will depart for Israel on July 30, first to attend the Hebrew University's seven-week summer *ulpan* (an intensive Hebrew language course) and then to participate in the academic program, which will include seminars in democracy and leadership and in Israeli society.

She also will participate in a group project *Continued on page 2*



Klapper

A poke at a pig



Sophomore Lia Slutsky, an animal science major, shows off a piglet to visitors at the 30th annual Veterinary Open House on Saturday. *Charles Harrington/University Photography*

'Good Neighbor Day' is Saturday, April 27

Cornell fraternity and sorority councils will conduct the 11th annual Collegetown Good Neighbor Day on April 27. Activities include cleaning neighborhood sidewalks, streets, utility poles and open spaces.

Volunteers will gather at 10 a.m. in front of the Collegetown Motor Lodge, 312 College Ave. From there, teams of students will begin their cleanup effort.

Leading the campaign to get students involved are Jessie Colwill of Kappa Alpha Theta sorority, vice president of the Panhellenic Council, and Chris Weldon of Pi

Kappa Alpha fraternity, vice president of the Interfraternity Council.

In addition to fraternities, sororities and the Collegetown Motor Lodge, support is provided by Collegetown businesses, the city of Ithaca's Department of Public Works and two Cornell offices — the Dean of Students and Community Relations. Participation is open to the community. Volunteers need not sign up in advance, although representatives of the Panhellenic and Interfraternity councils are coordinating fraternity and sorority participation.

Students 'own' Statler Hotel for the weekend

By Darryl Geddes

Students in the School of Hotel Administration will be given the keys to the Statler Hotel this weekend to operate the 150-room property on their own.

Friday through Sunday, Hotel School students will have the final word in all areas of hotel operations, from room service to food and beverage management, as they accommodate an extremely discerning clientele — executives in the hospitality industry. During this time, the Statler Hotel goes through a transformation. All signs, logos and other decorations that for 362 days a year read "Statler Hotel" are changed to read "Hotel Ezra Cornell."

"Hotel Ezra Cornell allows students to get an ownership perspective on managing all facets of hotel operations," said Jeffrey Blumer, a senior from Deer Park, N.Y., who is the hotel's managing director for the weekend. But there's another benefit, he noted, and that's being able to schmooze with industry leaders. "It's a networking opportunity, absolutely," he said.

Blumer said students will have ample time in which to meet executives. "Java Jive," billed as a Saturday afternoon coffee hour, is actually an opportunity for students to sell themselves. "This is when students, instead of asking someone if they need more wine, will be able to talk at length with our guests," he said.

This year's theme for Hotel Ezra Cornell (HEC) is "Hospitality and All That Jazz." The weekend opens Friday afternoon with "Bugle Bead," a cocktail party presented by graduate students. Jazz music in the lobby will welcome guests and set the mood for the weekend. This year, HEC is giving guests a choice for dinner: They may savor the sounds and tastes of Brazil in "Sabor Do Brazil" or swing to the sounds of the Roaring Twenties at "Moondance."

Saturday's highlights feature the unveiling of a book detailing the Hotel School's history. Entertainment includes a fashion show and banquet and an after-hours celebration with guest artist The James River Movement, from New Orleans.

The weekend's educational programming will focus on issues of ethics and diversity. Bill Fisher, executive vice president of the National Restaurant Association, will mod-

Continued on page 2

LETTER

Dunlap's business ethics are offensive

I would like to comment on the article in the April 11 *Chronicle* about the campus appearance by Albert J. Dunlap (former Scott Paper CEO). While I was pleased to see that the author made an editorial comment in the first paragraph, asking the readers "Offended yet?" I cannot let the rest of the article go unchallenged.

I shudder to think that Cornell Law School and Business School graduates are being infected with Mr. Dunlap's pernicious sense of business ethics. True, businesses are supposed to make money, but do we want our graduates to believe that is all that matters? Mr. Dunlap's comments about corporate responsibility and responsibility towards employees (or rather, the complete lack thereof) are nothing short of obscene. His comments about excessively high executive compensation packages are also despicable. Let's face it, how much money does an individual need to live the (very) good life? Why should one person be given many multiple tens of millions of dollars while others working for the same company are barely surviving?

Mr. Dunlap certainly has a right to hold and to express his obnoxious opinions. I can only hope that some responsible Cornell organization will find an equally "successful" business executive with a more compassionate and responsible outlook on business ethics in order to balance the picture for our students.

Joel Zumoff
Programmer/Analyst
Office of the University Controller

Hotel Ezra *continued from page 1*

erate a panel exploring ethical concerns of the hospitality industry. The National Society of Minorities in Hospitality will explore diversity and minority recruitment issues. Cornell alumnus Kenneth Blanchard, author of *The One-Minute Manager*, will talk about motivating people.

Hotel Ezra Cornell, named for the university's founding father, began 71 years ago as a way of demonstrating to the hospitality industry the importance of hotel administration as a formal field of study. The project so impressed E.M. Statler that he donated the money that built the Statler Hotel.

More than 300 hospitality industry executives are expected to check-in to Hotel Ezra Cornell for the weekend.

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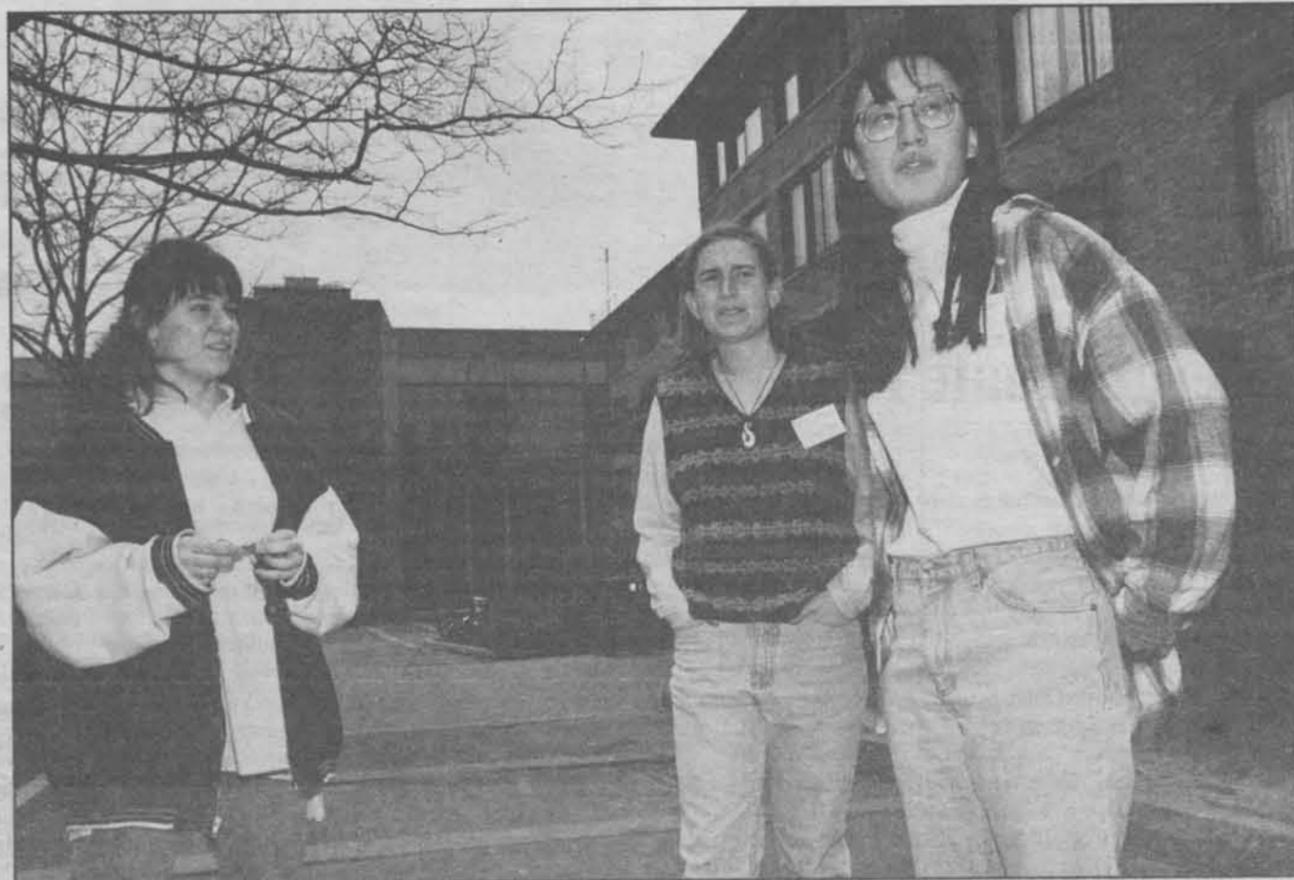
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Looking forward to the campus



Adriana Rovers/University Photography

Marla Greco, left, a freshman in the College of Agriculture and Life Sciences, takes prospective students Christine Johnson, center, of Malvern, Pa., and Tina Tyan of Webster, N.Y., on a tour of West Campus on April 15. Johnson and Tyan were on campus during Cornell Days, an annual, two-week period of visits and programs for accepted students, featuring events organized and managed by current students.

BRIEFS

■ **Trustee committee meets:** The Executive Committee of the Board of Trustees will hold a brief open session when it meets in Manhattan today at 11:30 a.m. at the Cornell Club of New York, 6 E. 44th St. The public session, for the meeting's first 20 minutes, will include a report from President Hunter Rawlings; a report from Provost Don M. Randel on the status of the state budget; and a recommendation on the 1997-98 capital budget request for the statutory colleges.

■ **Awards information:** The *Chronicle* will publish a sampling of student and faculty awards in its commencement issue, May 23. Please send via campus mail information about awards and their recipients for inclusion by Friday, May 10, to: Awards, Cornell Chronicle, 840 Hanshaw Road.

■ **Garden plots:** Once again, the Cornell Garden Committee will be renting garden plots suitable for growing flowers and vegetables this summer. The gardens are located on Freese Road, off of Hanshaw Road, and are fertilized, plowed and disked. Plots are 20 x 25 feet, and the rental fee per plot is \$10. Space is limited, and the gardens are distributed on a first-come, first-served basis. Send your name, telephone number and a self-addressed, stamped envelope to: Cornell Garden Plots, P.O. Box 871, Ithaca, N.Y. 14851. The postmark on your letter will determine your number in line on distribution day, which will be in early May. The location and time will be mailed to you when your request is received. For more information, call 844-4535.

CORRECTION

An article on Page 12 of the April 11 *Chronicle* misstated the title of Cornell trustee Thomas W. Jones '69. Jones is president and chief operating officer of the Teachers Insurance and Annuity Association and the College Retirement Equities Fund (TIAA-CREF).

Preliminary injunction prohibits Sage Hall's exterior renovation

A preliminary injunction issued April 10 by the appellate division of the New York State Supreme Court prohibits "dismantling, altering or reconstructing the exterior" of Sage Hall. The interim court ruling is the latest result of a series of maneuvers designed to challenge the renovation of Sage as the new home of the university's S.C. Johnson Graduate School of Management.

The Heritage Coalition Inc. sought the injunction pending appeal after State Supreme Court Judge Phillip Rumsey in late March dismissed the coalition's suit against two city of Ithaca boards — the Landmarks Preservation Commission and the Planning Board. The Syracuse-based preservation group claims the city acted inappropriately in granting the university permission to renovate and save the 123-year-old building from deterioration. Sage must meet strict standards for renovation because it was declared a local landmark in 1990.

The court granted Cornell's request for speedy consideration, according to Shirley K. Egan, associate university counsel. "Ordinarily, arguments on the merits in the appeal would not be heard until next fall," she said.

The Heritage Coalition has until April 24 to file written arguments in the case, and oral arguments are scheduled for the court term that begins May 28 in Albany. A decision by the appeals panel could take several more weeks after oral arguments, Egan explained.

"The merits of the case have not been considered yet," Egan said. "This injunction stops exterior work until the court can weigh the merits of arguments by both sides."

It's not clear what effect the legal maneuvering will have on the Sage Hall project at this time, because exterior work was not scheduled to start until mid-June. Eric F. Dicke, director of facilities planning at Cornell, said preliminary site work will continue. The first major interior work, asbestos removal, is scheduled to begin May 20 and also is not affected by the preliminary injunction.

Construction has been scheduled for completion in summer 1998. Delays not only would change the timetable but could increase the construction budget by hundreds of thousands of dollars and could have a detrimental effect on local construction workers, Dicke said.

OBITUARY

A Cornell alumnus on board Commerce Secretary Ron Brown's plane was killed when it crashed in Croatia on April 3.

James M. Lewek '75 had worked more than 20 years for the Central Intelligence Agency as an intelligence analyst in the CIA's Office of European Analysis, specializing in Eastern European economics. He was traveling with the Brown mission as part of a special assignment to an interagency Balkan task force to brief Brown on the Bosnian economy.

"Jim was accompanying the Brown delegation to offer his expertise on economic construction, a prerequisite for lasting peace in Bosnia," CIA spokesman John M. Deutch said. "Like many other agency employees, he volunteered his service in that dangerous part of the world."

He is survived by a wife and two children.

Scholar *continued from page 1*

with other Wallenberg Scholars. In the past, such projects have included organizing a multiethnic street fair in Jaffa, sponsoring a human rights symposium in Budapest and designing and publishing an English-language newspaper for Jewish and Arab Israelis. One of the Wallenberg Scholars currently wrapping up that last project is Cornell graduate Jared Genser '95.

Klapper doesn't know what direction her career will take, but, she said, "I'd like to think that politics is an option. It took me three years of active service in campus governance to realize that I enjoyed politics and public service and that the public arena is the element in which I move most comfortably."

"I have found being able to fight a cause to the very end is very rewarding," Klapper added.

Fellow future leaders take note.

Faculty Senate acts on grading plan, sexual harassment policy

By **Jacque Powers**

The Faculty Senate last week took action on two measures that will have significant impact on the university: It approved a new grading plan for students and paved the way for implementation of a new, university-wide sexual harassment policy.

Under the new grading plan, called a "Truth in Grading" policy by its proponents, approved by a 44 to 36 vote, a student's transcript in coming years will include the median grade of students in the course and the number of students taking the course, as well as the student's grade. Transcripts now list only the student's grade. After being debated in three successive Senate meetings, the plan was approved by a 44 to 36 vote.

The plan had elicited controversy on campus. Proponents said it would provide students and others who review student transcripts with more information and a context in which to better judge what specific grades

mean. Currently, the meaning of grades is difficult to interpret, they said, as grades and grading policies vary greatly both within Cornell's own colleges and among colleges nationally. Proponents also suggested it would encourage students to take more demanding courses.

But many faculty members and students opposed the plan. They said it would hurt students by creating even more competition for grades than currently exists, thereby increasing academic pressures.

"I've always regarded grades as a necessary evil," Professor David Mermin, physics, said in opposing the proposed policy at last Wednesday's meeting. "This policy would give a spurious sense of precision to those numbers . . . grades will intrude even more than they do."

Peter C. Stein, dean of the faculty, said he had called at least 10 administrators at Canadian universities that currently have a similar policy to determine whether there had been

any student complaints about adverse effects. "I did not hear of any," Stein said.

The new policy will not take effect for several years, until a new computer system is online to handle it. In the meantime, faculty and students should monitor the results of such a plan now being adopted at Dartmouth College, Stein said.

In other action, the Faculty Senate approved a number of recommendations for changes to the revised version of the new universitywide sexual harassment policy proposed by Provost Don M. Randel.

Randel had released a preliminary draft of the new proposal last fall and sought input from members of the campus community. The Faculty Council of Representatives (FCR), the governing body that was replaced by the Faculty Senate in January, and other campus groups and individuals responded with numerous suggestions.

The revised draft, released in March, incorporates many of those suggestions,

including, Stein said, "almost all the resolutions the FCR made in the fall term."

Most of the changes approved at Wednesday's meeting were technical changes in specific words and phrases in the new policy.

The Faculty Senate's recommendations now go to the provost, who hopes to finalize the new policy before the end of the semester.

"We appreciate the very careful consideration the Faculty Senate and the Committee on Academic Freedom have given to this issue," Randel said. "We will review the changes recommended by the Faculty Senate before finalizing a new sexual harassment policy. We are committed to establishing a universitywide policy that reflects the concerns and input of all campus constituencies and that is both fair and sensitive to all potential parties in such matters."

Minutes of Faculty Senate meetings are available electronically at http://www.cornell.edu/Faculty_senate/.

Town meeting raises issues and lauds gains

By **Jill Goetz**

In a town meeting on April 11 with members of Cornell's gay, lesbian, bisexual and transgender communities, President Hunter Rawlings echoed the sentiment of one student by saying he was "tentatively optimistic" that all Cornellians will continue growing more sensitive to and accepting of these communities.

After listening to a performance of the gay, lesbian and bisexual chorus at a pre-meeting reception in the David L. Call Alumni Auditorium of Kennedy Hall, Rawlings heard speakers at the meeting give two-minute prepared statements on their hopes and concerns for fellow lesbian, gay and bisexual (LGB) students, faculty and staff.

Many of the statements addressed the president's decision to hold a moratorium on building additional program houses at Cornell for the next five years, a provision of the campus residential housing policy that he recommended earlier this semester. (Rawlings will present the housing policy to the Board of Trustees next month.) That provision had disappointed individuals advocating for an LGB program house.

The speakers stated their belief that program houses are essential in providing a safe and welcoming environment for LGB students, particularly those who are freshmen. Rawlings said he sympathized with their statements but said he believes campus diversity is best served not only by recog-



Charles Harrington/University Photography

President Hunter Rawlings speaks to seniors Jessica Cattelino, left, and Zoë Malcolm before the beginning of the town meeting in David L. Call Alumni Auditorium April 11.

nizing and respecting differences, but by fostering a sense of commonality and familiarity among all students, particularly freshmen. For this reason, he said, he supports limiting the number of freshmen living in program houses, another provision of the housing policy.

While facilitating constructive dialogue

and disagreement, the forum, attended by approximately 150 people, was also an opportunity to recognize recent accomplishments. These included the establishment of the Lesbian, Gay, Bisexual Resource Office, now headed by full-time staff member Carlisle Douglas; revision of Cornell health insurance policies to provide benefits to

same-sex partners of eligible employees; establishment of undergraduate and graduate concentrations in lesbian, gay and bisexual studies; and Cornell Library's renowned collection in human sexuality.

The town meeting was Rawlings' second since becoming Cornell president last summer and was presented as part of "Gaypril."

President's Student Assembly appearance focuses on residence issues

By **Simeon Moss**

President Hunter Rawlings appeared before the Student Assembly April 11 to discuss the new residential housing policy.

More than 150 people filled the Willard Straight Hall Memorial Room for the afternoon session, which featured strong reactions by several student speakers to one of the policy's proposals — the phasing out of freshman participation in program houses.

In his introductory remarks, Rawlings thanked Assembly members for providing a forum for a dialogue on the policy. He pointed out the administration has been working on the issue for some time, and the policy was drafted after much discussion and refinement, including campus meetings, forums, committee reports and revisions. He also noted that the housing policy will be put in place over five to seven years to allow time for implementing programs and making adjustments.

Rawlings also discussed several of the policy's proposals, including: guaranteeing on-campus housing for freshman, sophomores and transfer students; building at least one new residence facility; improving existing facilities to better support residential communities programs; attracting more upperclassmen to on-campus housing; expanding faculty-in-residence and faculty fellows programs; and

implementing related residential communities programs to help link students' academic and residential lives.

The president stated his continued support for keeping program houses strong, "even if freshmen are no longer living there."

The proposal to phase out freshman participation in the houses would give those first-year students the opportunity to be involved in residential communities programs and explore their range of options before choosing, perhaps, to live in one of the theme or program houses. Rawlings compared its intent to the intent of the academic policy that allows freshmen two years of study before having them choose a major.

Rawlings explained the overall policy is being reviewed by several groups, and suggestions are still being accepted. After a final redrafting, the goal and principals section of the policy will be presented to the board of trustees in May for its approval.

Many in the audience, however, attended the meeting to show their displeasure with the proposal to limit freshman participation in program houses. Several students addressed Rawlings directly from a microphone set up for the meeting, expressing support for the program houses and questioning the president's motives, attention and even his authority.

"The removal of freshmen from program houses guaran-

tees their elimination," said Solomon Smart '97, who suggested the primary target was Ujamaa Residential College. He said the plan should be ripped up, and he also asserted that he had not been heard.

Rawlings told several speakers, including Smart, that he appreciated their comments and that he was listening. But he pointed out that because people disagree on an issue, it doesn't mean they're not listening to each other. Again, he said, a goal of the proposal is to encourage a common experience for all freshmen during their first year.

Other speakers said the policy would reduce freshman choices, and a final speaker suggested the policy's other proposals should be implemented first, before the freshman restriction is addressed.

Rawlings suggested that by phasing in the restriction over a number of years, the last suggestion would be realized.

On Monday afternoon, a group of about 250 students marched to the entrance of Day Hall, and presented Susan Murphy, vice president for student and academic services, with a letter for President Rawlings, which reads, in part: "We do not accept your proposal to prohibit freshmen from living in Ujamaa and urge you to eliminate this provision from your recommendation to the Board of Trustees."

A copy of the residential housing policy is posted electronically at <http://www.sas.cornell.edu/rcc/index.html>.

The Internet has become an essential in business, PSINet chief insists

By Larry Bernard

The future of the Internet no longer is driven by technology but by economics, making it an essential part of the industrial landscape that will reshape the way business is done, an Internet expert said on campus last week.

"The Internet will actually touch every single vertical industry that uses technology, because it is as essential as paper and pen, as essential as computing. It's an essential utility in higher education, aerospace and automobile industries already," said Cornell alumnus William L. Schrader, president and chief executive officer of PSINet, an Internet provider. "It will have a tremendous impact economically. It really doesn't matter what the technology is. But the economics are there. If you look at Madison Avenue, the whole advertising industry has changed in the last two years as a result."

Schrader was the keynote speaker at Cornell's annual engineering conference April 12-13, titled "This Is IT: Information Technology at Cornell and Beyond," sponsored by the College of Engineering and the Cornell Society of Engineers. The conference, chaired by Karl Miller '64, featured talks by Cornell faculty in information technology and presentations by industrial ex-



Schrader

perts as well. An alumnus of the Class of 1974, Schrader worked in Cornell's synchrotron and then helped found the Theory Center before moving on to NYSERNet, a network to develop high-speed links among institutions in New York state, on to Syracuse University where he helped found the Northeast Parallel Architectures Center, and then on to start his own company. He has been gaining notoriety in the popular media recently as one of the new "Internet moguls."

Schrader's company provides connections for businesses and industry. Retailers are getting on and advertisers are logging in, he said during an interview prior to his banquet address. "The motive is to have a marketing presence in a whole new media of conveyance of information. The Internet allows people to communicate rapidly worldwide. It has more impact than any conference anywhere in the world, because you have an ongoing conference."

Could it be just a fad? Not likely, Schrader asserts. "Our customers never leave. Businesses never quit. That tells me it's becom-

ing essential. In fact, no business that's ever been connected to the Internet disconnects and goes away."

The future? Schrader hesitates to predict five years hence. "The Internet, even in three years, will be a standard for business connectivity. There will not be a single business in America that doesn't have a Web page and electronic mail address, absolutely. Look for 2 million Web pages within two years."

Also addressing conference participants was John Hopcroft, the Joseph Silbert Dean of Engineering. A computer scientist whose research includes information capture and access, Hopcroft addressed the conference luncheon at the Statler Hotel on Friday.

Information technology, he said, has not yet matured. "It has to do with how you think about the technology," he said. "For example, if you think about fractional horsepower electric motors... you don't think of it as motors. You think of it as hair dryers. You think of it in terms of its function. We still, today, think of computers as computers, rather than in terms of their function."

He said the average home has more than 100 fractional horsepower electric motors. "We're nowhere near to approaching 100 computers in the home today, but it is something I predict is going to hap-

pen," the dean said.

Two other trends also are key to the future of information technologies, he said: communications and computers are coming together, and the cost of digital storage is dropping. But, "this notion that through the World Wide Web we will really have at our fingertips all the information in the world, I'm not so sure of that," he said. "We haven't even addressed the cost of maintaining a Web page. Having a Web page is one of those activities we used to do in other ways. The Web has not changed fundamentally the way we provide information."

Information technologies also will have an effect on the economy, particularly in the service industry, Hopcroft said. "The service economy will lose much of its labor force. A whole host of jobs may just all disappear," he said, alluding to wireless information devices that will get a traveler through airline reservations, into a rental car and checked into a hotel without requiring another person.

The cost of memory is dropping, he said, which will make information technology available to a wider group of people. "You will be able to save every piece of information that crosses your desk, and the cost each year will be constant," Hopcroft said. "The ways to access this information will be developed."

College of Arts and Sciences honors outstanding teachers, students

By Jill Goetz

At the College of Arts and Sciences Dean's Award Convocation on April 12, Associate Dean Lynne Abel read testimonials from students who had nominated favorite professors and teaching assistants for the college's most prestigious teaching awards.

"He was the best T.A. I ever had," wrote one student in a letter nominating Jeffrey Mitchell of the mathematics department for a John M. and Emily B. Clark Distinguished Teaching Award. His classmates apparently shared his enthusiasm, for he also wrote that "waiting in line during office hours was like waiting in line for a popular movie."

Such esteem and motivational ability were recognized at the annual awards ceremony, led by Acting Dean Philip E. Lewis in Kennedy Hall Auditorium. The audience of about 250 people included members of the Arts and Sciences Advisory Council and honorees and well-wishers from departments across the college.

The awards and their recipients are:

- Robert and Helen Appel Fellowships for Humanists and Social Scientists, providing a full semester of paid leave: Professors Abigail Cohn and Molly Diesing, both of the linguistics department.

- Robert A. and Donna B. Paul Awards for Excellence in Advising: Michael Morley, professor of mathematics.

- Stephen and Margery Russell Distinguished Teaching Awards: teaching assistant John L. Bower, neurobiology and behavior; Ross Brann, professor of Near Eastern studies and Religious Studies Program acting chair; and Brian Smith, professor of computer science.



Clark Teaching Award winners, back row from left: Anthony Ndungu, Jeffrey Mitchell, David Salinas, Denise Meyer, Craig Triplett and Heather White; front row: Shalom Shoer, Kora Bättig, Stephen Schvaneveldt, Marco Ameduri and Juliet Williams.

- John M. and Emily B. Clark Distinguished Teaching Awards: lecturers Kora Bättig, linguistics, and Shalom Shoer, Near Eastern studies, and teaching assistants Jeffrey Mitchell, mathematics; Marco Ameduri, physics; Denise Meyer, linguistics; Anthony Ndungu, government; David Salinas, physics; Stephen J. Schvaneveldt, chemistry; Craig Triplett, English; Heather White, English; and Juliet Will-

iams, government.

Five undergraduate seniors were honored with the highest grade point averages in their class: degree marshals Phillip L. Geissler and Mark D. Pilloff and banner bearers Richard W. O'Shaughnessy, James S. Toung and Serena Tsan-Lai Wong. Dean Lewis also praised the 1,318 students in the college who made the Dean's List for the spring and fall '95 semesters.

Undergraduate researchers *continued from page 1*

chemistry and engineering will be a vital part of the forum.

"The students accomplish three major goals by doing research," said Marilyn Williams, assistant dean for academic services in the College of Arts and Sciences, who helps the Cornell Undergraduate Research Board (CURB) organize the forum. "First, there is the sheer intellectual joy of getting into something you care about. Then, there is this whole thing of working with a small group of people you get along with, including faculty, who you get to know one-on-one. It makes Cornell a smaller place for you. And third, it is a confidence builder. Students realize, when they take a summer research position elsewhere, they really are good stuff."

Stephen L. Sass, professor in materials science and engineering, believes in the importance of having undergraduate students do research. Sass led the work done by Trancik, who will present her research at the plenary session.

"Research is attractive to undergraduates," he said. "They work in state-of-the-art areas of science, social science, humanities, the arts and technology; they put information learned in lectures into hands-on practice and, with a little serendipity, they experience the excitement of discovery. They also discover that doing research is quite different from 'cookbook' laboratory experiments — not everything comes out the way you want. Frequently these students become authors or co-authors of scholarly or technical papers, co-inventors on patent applications and give talks at

professional society meetings."

Indeed, such was the case with Trancik, a junior recently named a Goldwater Scholar and to *USA Today's* 1996 All-USA Academic second team. Sass uses her experience as an example of what bright and motivated undergraduates can do with proper guidance, in the best of all worlds. Starting her research in materials science as a freshman, Trancik, daughter of a Cornell professor and instructor, now is co-inventor on two patent applications and is co-author on several scientific papers. She has presented her research on the preparation and properties of metal-ceramic composites for high-temperature applications at professional meetings, including the National Conference for Undergraduate Research (NCUR) last year.

When Cornell scientists began exploring a new class of materials for the magnetic storage of information, Trancik had to characterize the microstructure and atomic structure of the phases that were present, using sophisticated equipment to do it, including a transmission electron microscope.

"Never having used such a complex microscope before, it was a real challenge for her to understand both its theory and practice in a short time. With a little help, Jessika learned quickly," Sass said. "The bottom line is that her work, and that of Diana Mitro, another sophomore at the time, contributed to the development of a unique way to process magnetic materials, which is now the basis of a scientific paper and a patent application, including them as

co-authors and co-inventors, respectively, while also providing the basis of a large research proposal to the National Science Foundation."

CURB is a group of students interested in promoting undergraduate research. "Students may not know about the possibilities of doing research," said Holtmeier, the CURB co-chair. "Our goal is to make these opportunities known and to help them get a position." CURB also holds an annual open house and now has a Web page (<http://www.arts.cornell.edu/ugres/CURB/toc.html>) so that undergraduate students can learn how to get involved in research.

Nine Cornell students, including Trancik, will present their research at the National Conference on Undergraduate Research (NCUR) 10th anniversary conference April 18-20 at the University of North Carolina at Asheville. Williams, the academic advising dean, is a founding member of the executive board of the National Conferences on Undergraduate Research and is founding chair of the committee on minority participation.

"The idea for the annual Undergraduate Research Forum at Cornell came out of the first NCUR a decade ago," Williams said. "It's exciting to realize that the forum has grown to encompass science, engineering, humanities and the social sciences in such a short time. I'm looking forward to seeing and hearing what Cornell students are doing."

A complete schedule of student presenters is available on the Web at <http://www.arts.cornell.edu/ur/forum.htm>.

Lani Guinier insists she will keep challenging the status quo

By Jill Goetz

Fairness does not mean treating everyone the same, and diversity does not mean mixing predetermined numbers of people together—be they women or people of color—and stirring the pot. Instead, achieving a more equitable system of opportunity in America will require a “transformative agenda.”

That was the message conveyed by Lani Guinier, University of Pennsylvania law professor, in an April 11 lecture before a packed house in Statler Hall Auditorium.

Guinier's been making that call since long before 1993, when conservatives interpreted it as a call for quotas and special treatment for people of color and derailed her nomination by President Bill Clinton to serve as assistant attorney general in the U.S. Justice Department.

In her evening lecture and at an afternoon session with the news media, Guinier said that while her views haven't changed much since 1993—she didn't favor quotas then and she doesn't now, but she remains committed to affirmative action and the need for fundamental changes in the electoral process—those of most Americans haven't, either. They continue to view the issue of race as one to be avoided at all costs, she said; and when they do address it, they take either one approach to solve every problem or the wrong approach altogether.

“Can we really predict merit using one-size-fits-all tests?” asked Guinier, whose career has included serving as special assistant to the chief of the Civil Rights Division and as assistant counsel for the NAACP Legal Defense and Educational Fund.

To make her point, she cited the LSAT, a traditional yardstick for evaluating merit for law school applicants. In a study she conducted with colleagues at Penn law school, for nearly all students, their LSAT scores correlated not with later academic performance—but with parents' income levels. That is, the higher the LSAT score, the higher was the parents' income.

“So, often, what they're testing for is wealth—not for who can listen or who can advocate, but whose parents had enough money so that they could learn how to take the SAT and LSAT,” Guinier said. “Is that merit? It sounds like a very arbitrary system to me. We are using proxies for wealth and calling it merit.”

Guinier said affirmative action provides a way of providing alternatives to such one-size-fits-all measures of ability. “We need to find more adaptive ways of evaluating merit,” she said, “of rethinking the whole process of selection. That's what affirmative action is all about.”



Lani Guinier, University of Pennsylvania law professor and once a nominee for assistant attorney general in the U.S. Justice Department, speaks at a news conference before her April 11 speech on campus.

Adriana Rovers/University Photography

The Penn study also suggested that treating every student the same is not necessarily treating them equitably, she said. In the study, the male and female students had entered law school with identical credentials, but by the end of their first year, the men had risen to the top of the class. Guinier believes this was a result of the varying success of the Socratic, “sage on the stage” style of teaching; she believes it works better with male than female students. The women students tended to listen, she said; the male students are more interested in being heard.

“Treating everyone the same is not treating everyone in a way that is going to bring out the best in these students,” she said. Other studies have shown that alternative teaching approaches, such as having students work in groups, re-

sult in better performance by women students, she said.

But the problems of inequity go beyond the ivory tower and into the voting booth, Guinier said.

“I think the political process in this country is seriously broken. In our winner-takes-all majority system of government, 51 percent of the people get 100 percent of the power. We may have been the first democracy, but many other countries that became democracies later have learned not from our successes but from our failures; their elections are based on proportional representation rather than majority rule,” she said.

Further, too few Americans even vote. “Ordinary Americans can change things when they get involved,” Guinier said. “But our turnout figures are deplorable. Less than 40 percent of eligible voters

participated in the 1994 election, and they elected the freshman Republican congressmen by a very small percent. That's not democracy.”

Guinier has been speaking widely in the past year and is writing a book about her experience of, as her son calls it, “being dumped by the president.” When asked if it had made her bitter, she said it had made her not bitter, but sad, because it was a “missed opportunity” (without benefit of a Senate hearing on her views). Instead, she let it create new opportunities, she said.

“I have to tell you that my ‘disappointment’ has had some very positive personal consequences,” Guinier said. “It has given me the opportunity to come before you and speak about those same ideas that got me in so much trouble in '93.”

PeopleSoft CEO is named 1996 Entrepreneur of the Year by Cornell

By Darryl Geddes

David Duffield, founder, president, chief executive officer and chairman of PeopleSoft, a developer of client/server business software, has been named Cornell's 1996 Entrepreneur of the Year. Duffield's honor is a highlight of the Entrepreneurship and Personal Enterprise (EPE) Celebration '96, which will be held April 25 and 26 on the Cornell campus.

Duffield, who earned a bachelor's degree in electrical engineering and an MBA from Cornell in 1963 and 1964, respectively, will be the guest of honor at a dinner hosted by President Hunter Rawlings April 25 at 7:30 p.m. in the Carrier Ballroom of the Statler Hotel. Duffield will give a public lecture April 26 at 2 p.m. in Bache Auditorium of Malott Hall.

Prior to founding PeopleSoft, Duffield established two mainframe application software companies. Most recently, he was president, chairman and chief product architect at Integral Systems, a California-based vendor of the first DB2-based human resource and accounting systems. Under his leadership, Integral grew to be a multiproduct,



Duffield

international concern with revenues of \$57 million. Previously Duffield was co-founder of Information Associates, where he was instrumental in the development of systems for the higher education market.

The Entrepreneur of the Year award, established in 1984 by Cornell and the Johnson Graduate School of Management, recognizes the achievements and qualities of Cornell alumni who best exemplify the ideals of entrepreneurship. The Entrepreneur of the Year is selected by a committee composed of deans, faculty, students and alumni. Past recipients include John F. Mariani Jr. of Villa Banfi, USA (1986), Julius G. Kayser and Arthur S. Wolcott of Seneca Foods Corp. (1988) and Kenneth H. Blanchard and Marjorie McKee Blanchard of Blanchard Training and Development Inc. (1991).

The EPE celebration this year will feature an alumni and student workshop on “An Insider's View of Going Public.”

The panel will be moderated by Bob Felton '61, president and chief executive officer of The Indus Group Inc., a worldwide developer and supplier of computer software products for government and industry; Jim Hauslein '81, MBA '84, chairman of Sunglass Hut International and president of Hauslein and Co.; and Theresa M. Welbourne, the J. Thomas Clark Professor of Entrepreneurship and Personal Enterprise. The alumni workshop will be held April 25 from 4:30 to 5:30 p.m. in 265 Statler Hall; the student workshop will be held April 26 from 10 to 11:30 a.m. in the Statler Hotel amphitheater.

A career panel and networking luncheon, moderated by Andy Potash '66, chief executive officer of Capital Risk Strategies, a risk management firm in New York City, will be held April 26 from noon to 1:30 p.m. in the Carrier Ballroom of the Statler Hotel.

EPE was founded in 1992 as a multidisciplinary approach to the study of entrepreneurship, and it implements programs that benefit both students and the community at large. More than 750 undergraduate and graduate students participate in EPE courses each year. EPE also places more than 30 students each year in internships with small businesses.

Cornell helps with federal BSE program

By Roger Segelken

The College of Veterinary Medicine cooperated with the U.S. Department of Agriculture (USDA) in a surveillance program for British cattle that were imported to the United States before bovine spongiform encephalopathy (BSE, or mad cow disease) in England prompted a 1989 embargo on cattle from the United Kingdom.

Federal and state authorities used a pathological incinerator at the veterinary college to cremate several cattle that were given up by American owners.

The so-called BSE surveillance cattle were not believed to have the fatal brain disease and showed no symptoms, but authorities won't know for sure until post-mortem tests are completed. Officials of USDA and state agriculture agencies ordered the animals destroyed.

"The state's acting on the request of the USDA," Nathan Rudgers, deputy commissioner of the state Department of Agriculture and Markets, told news reporters April 10. "And," he said, "the USDA's making that request in the interest of erring on the side of caution..."

The pathological incinerator at Cornell is one of the few in the Northeast with the capacity for cremating large animals. Three BSE surveillance cattle were cremated last week. Two animals were among the 13 ordered destroyed in New York state; the third was from New Hampshire.

Cornell veterinary pathologists assisted veterinarians from the New York State Department of Agriculture and Markets



Adriana Rovers/University Photography
Franklin M. Loew, dean of the College of Veterinary Medicine, discusses "mad cow" disease with reporters at an April 10 news briefing in the Veterinary Education Center. Also speaking were, from left, Dwight Bruno (hidden by camera), assistant director of the state Division of Animal Industry; Rochelle Woods, field veterinarian with the USDA; Nathan Rudgers, deputy commissioner of the state Department of Agriculture and Markets; Larry J. Thompson, director of biosafety at the Vet College; and Brian A. Summers, associate professor of pathology.

and the USDA before the cremations to remove samples from the animals' central nervous systems, including the brain. Samples were sent to a federal laboratory in Ames, Iowa. There is no diagnostic test for BSE while animals are alive.

The cattle were breeding stock imported to this country after BSE was detected in England in 1986 and before the United States banned importation of cattle from the United Kingdom in 1989 to

ensure the health of U.S. herds, said Cornell veterinarian Larry Thompson, director of biosafety at the College of Veterinary Medicine. The animals were kept under surveillance by the USDA, and the owners knew they might have to give up the cattle at any time. English farmers are preparing to destroy millions of cattle because of the apparent link between BSE and brain disease in humans. U.S. owners are being compen-

sated for the loss of their cattle.

The Cornell incinerator, which is licensed by the state Department of Environmental Conservation to burn pathological waste, is used for animals with infectious diseases such as rabies as well as for cremation of non-infected animals. Temperatures in the gas-fired incinerator reach 2,000 degrees F. during the three- to four-hour process to destroy infectious organisms and reduce carcasses to sterile ash.

ILR conference in Washington features debate by former congressmen

Former congressmen Thomas Downey (D-N.Y.) and Rod Chandler (R-Wash.) are scheduled to debate the changing role of the federal government in the workplace today in Washington, D.C.

The debate, part of a half-day conference sponsored by the School of Industrial and Labor Relations and its Institute for Labor Market Policies, was set to begin at 8 a.m.

Elaine Kamarck, senior policy adviser to Vice President Al Gore, also will offer remarks.

Downey and Chandler are now, respectively, chairman and president of Downey-Chandler Inc., a public affairs

consulting firm in Washington, D.C.

Following the debate, a panel will address "Can the States Do It Better? Examining Block Grants for Job Training." Panelists will be Lisa Lynch, chief economist with the U.S. Department of Labor; Roberts T. Jones, president of the National Alliance of Business; Peter Cappelli, professor at the University of Pennsylvania's Wharton School; and John Bishop, professor and chair of the Department of Human Resource Studies in the ILR School.

The conference concludes with a panel discussion on "Regulatory Reform: Is Less Really More for Health and

Safety in the Workplace?" Participants are Randel Johnson, workplace policy coordinator for the House Committee on Economic and Educational Opportunities; Peg Seminario, director of the AFL-CIO Department of Occupational Safety and Health; Alan Krueger, former chief economist of the U.S. Labor Department and the Bendheim Professor of Economic and Public Affairs at Princeton University; and Thomas Kniesner, professor of economics at Indiana University.

Panel moderators are Bob Zelnick, senior congressional correspondent for ABC News, and Bruce Collins, vice president of C-SPAN.

Community service award



Robert Barker/University Photography

Cornell trustee Ezra Cornell '71 was given the DeWitt Clinton Masonic Award for outstanding community service by the local Masonic Fidelity Lodge #51 and the Hobasco Lodge #716 at a banquet ceremony in the Ithaca Holiday Inn on April 8. Cornell, left, receives the award from Cortland Ketchum, a state Masonic official.

Noted art critic Donald Kuspit to speak at Cornell on April 23

By Jill Goetz

Art critic and historian Donald Kuspit will give a free and public lecture on Tuesday, April 23, titled "Dialectics of Decadence: The Weight of History on Contemporary Art" at 5:15 p.m. in Room 115 of Tjaden Hall.

Kuspit, professor of art history and philosophy at the State University of New York at Stony Brook, lends his editorial expertise to several journals, including *Art Criticism*, *Artforum*, *New Art Examiner*, *Sculpture* and *Centennial Review*.

"Don Kuspit is one of the best known and most highly regarded critics in the world," said Victor Kord, Cornell art professor. He said Kuspit is particularly known for his work on the currently popular movement of neo-expressionism, which was inspired by the emotionally charged German expressionism of the 1920s and 1930s.

In developing his theories, Kuspit has borrowed heavily from the fields of phi-



Kuspit

losophy and psychoanalysis. He holds a bachelor's degree in philosophy from Columbia University, as well as master's and doctoral degrees in philosophy from Yale University and the University of Frankfurt in Germany, respectively, and master's and doctoral degrees in art history from Penn State University and the University of Michigan, respectively.

Kuspit also has been trained at the Psychoanalytic Institute of the New York University Medical Center and has been a clinical lecturer in psychiatry there.

His latest book, co-authored by Lynn Gamwell and just published by Cornell University Press, is *Health and Happiness in Twentieth-Century Avant-Garde Art*; about to be published is another work, *Idiosyncratic Identities: Artists at the End of the Avant-Garde*.

Kuspit has received a Fulbright Lectureship in Philosophy and American Studies, a Guggenheim Memorial Fellowship, National Endowment for the Humanities and National Endowment for the Arts fellowships, a Frank Jewett Mather Award for Distinction in Art Criticism and, most recently, an honorary doctorate from the San Francisco Institute of Art.

Council, co-chaired by Rhodes, assesses R&D efforts in the U.S.

By Linda Grace-Kobas

Unless new partnerships and less partisanship occur, America's status as the world leader of technological innovation is seriously threatened, warned authors of a report released by the Council on Competitiveness during a press conference in Washington, D.C., on April 10.

The report, *Endless Frontier, Limited Resources: U.S. R&D Policy for Competitiveness*, is the result of a 15-month assessment of U.S. research and development that drew on the insights of 80 of the nation's leading scientists, engineers, educators and entrepreneurs. The council project was co-chaired by Gary L. Tooker, chief executive officer of Motorola Inc., and Frank H.T. Rhodes, president emeritus of Cornell and chairman of the National Science Board.

The end of the Cold War, globalization of the world economy and drive to eliminate the federal deficit have brought about a period of wrenching change that must be addressed by creating innovative partnerships among the primary movers and shakers of R&D in this country: industry, government and academia, the report advises.

"The United States will not remain at the forefront of technology unless industry increases its contribution, the federal role becomes more stable and universities strike the right balance between their teaching and research missions," said Rhodes, according to a United Press International report. "We haven't been very effective at convincing our fellow citizens that this is the basis for all of our progress."

The report warns that decreased federal resources could place America's innovation system at "substantial risk" and decries the current polarized political debate about the role of the federal government in R&D. It calls for a national summit to begin to create a public consensus on what role the government should play in promoting and funding R&D.

"The Council on Competitiveness has issued a call for debate and action," commented Cornell President Hunter Rawlings. "As a major research university, Cornell plays an important national role in educating America's scientists, discovering new knowledge and developing technological innovation. I hope that we will begin a campus dialogue on the report and its recommendations to see how Cornell can best meet the challenge of maintaining America's technological leadership."

The report lists broad recommendations for action by all three major sectors of technology and innovation:



From left to right, Frank H.T. Rhodes, Cornell president emeritus, Gary Tooker, CEO of Motorola, and Paul Allaire, CEO of Xerox, speak to the press in Washington, D.C., April 10 about the Council on Competitiveness report.

Government must continue to stimulate civilian research, foster research partnerships, create a business climate more conducive to private sector R&D, refocus federal research to today's missions and budget environment, and maintain its support of American universities, the report advises. The authors note that federal support declined from providing 70 percent of university R&D funding in 1970 to 55.5 percent in 1993.

Industry must also increase its contributions to R&D, as well as focus its research priorities and take timely advantage of the leading-edge results coming out of U.S. universities and government laboratories, the report recommends.

Academia, the report advises, should give priority to developing the nation's human capital in science and technology in emphasizing universities' teaching mission, and it needs to review policies to promote R&D partnerships.

"Perhaps no research institutions are so caught in the cross-currents of change as the nation's universities," Rhodes said. "Viewed by both industry and government as more vital than ever to the nation's future, they face a funding squeeze and growing, often contradictory, demands."

Specific policy guidelines recommended for universities are:

- "Graduate study should be restructured to open a broader spectrum of career opportunities to Ph.D. students and to develop a credible practice-oriented master's degree. . . . Education that is limited to a single subfield does not equip . . . students adequately for either the academic world or the corporate world. Universities should work with industry to explore different emphases in graduate programs . . . Creating master's degree programs geared to the needs of the workplace would be particularly valuable."
- "Do more to attract and keep students interested in science and engineering . . .

(Bring) additional real-world and teamwork experiences into the classroom and create more industrial internships . . . pay more attention to the nature and quality of introductory science and engineering courses."

- "Ensure that federal research grants are used in a way that enhances the quality of undergraduate and graduate education. Too often, the pursuit of federal research funding weakens, rather than strengthens, education. Universities must alter policies, particularly those of tenure and promotion, to counter this."

- "Develop programs with companies that encourage both graduate students and faculty to gain experience in industrial labs."

- ". . . universities and companies need to examine their internal policies, particularly toward intellectual property rights, to promote partnerships."

The report can be accessed on the World Wide Web at <http://nii.nist.gov/coc.html> by clicking the "Publications" icon.

Mathews describes decline of state power in the 'new world order'

By Dennis Shin '96

Delivering the Henry E. and Nancy Horton Bartels World Affairs Fellowship Lecture, Jessica Tuchman Mathews described a crowded stage of "New Actors in a New World Order" April 9 in the David L. Call Alumni Auditorium of Kennedy Hall.

A senior fellow at the Council on Foreign Relations and a columnist for *The Washington Post*, Mathews drew on her extensive experience in international relations to describe the geopolitical landscape after the end of the Cold War.

Marking 1990 as a critical transition period in history, Mathews analyzed the "global revolution" that has taken place over the past few years, shifting the political center of gravity.

"With the fall of the Berlin Wall, forces that had been building under the ice of the Cold War came together with the information and telecommunications revolution to produce a fundamentally new international system in which, suddenly, nation-states have lost their monopoly," Mathews explained.

Besides momentous political change, Mathews stressed that the technological revolution of the 1990s also brings serious ramifications for post-Cold War nation-states. The speed with which computers, fax machines, the Internet and other electronic communication continue to increase the flow of information has broken governments' monopolies over information and has accelerated social and political change, she said.

"We are living through a technological revolution that is sweeping the globe," Mathews said. "We have not seen a technological change that remotely resembles this in scope,

or in speed, ever in history. The Industrial Revolution doesn't even come close."

Another shift in the new world order, according to Mathews, has been the explosive growth in the activity and influence of non-governmental organizations (NGOs). Pointing out that the budgets of some NGOs exceed those of some small governments, Mathews described the global political impact they have had on governmental policy. She cited the influence of NGOs in the debates over NAFTA and the 1992 Global Climate Treaty as examples of the power such organizations have in setting international policy agendas.

Large private businesses, another group of powerful actors described by Mathews, also pose a threat to national sovereignties, she said. Capital-driven multinational corporations don't consider national interests when seeking to expand their economic base, which results in a shifting of power from nations to the free market, she said.

"In a free global economy, what's needed is not control of territory but access to resources and markets," she said. "States still matter, but their power has rapidly eroded, and it will erode further."

Mathews hastened to interject, however, that the new world order she described does not imply the demise of national power.

"I'm not suggesting that the nation-state is about to disappear or that the balance of power among governments no longer matters," said Mathews. "National governments will remain the most powerful single actors in the international arena in the foreseeable future, but what has changed is that they are no longer the only actors that matter. Now they compete on a crowded stage, with less power."



Robert Barker/University Photography
Jessica Tuchman Mathews, the 1996 Bartels World Affairs Fellow, speaks in Kennedy Hall on April 9.

Conference participants debate need for cyberspace regulation

By Bill Steele

Should Cornell delete "alt.sex" groups from its Usenet server? Should it censor student Web pages? Should it issue "adult" and "junior" net IDs to students depending on their ages? Should you have a "license" to surf the Net?

These are some of the questions Cornell – and every other university or business connected to the Internet – must wrestle with in the wake of the passage of the federal Communications Decency Act (CDA), which seeks to keep children from finding sexually explicit material in cyberspace.

A group of legal scholars, working lawyers and censorship advocates debated these issues here last weekend in a symposium titled "Regulating Cyberspace: Is Censorship Sensible?" The event was sponsored by the *Cornell Journal of Law and Public Policy*.

Participants included Bruce A. Taylor, president and chief counsel of the National Law Center for Children and Families; Chicago attorney and *NetGuide Magazine* columnist Mark Eckenweiler; Llewellyn J. Gibbons, the Honorable Abraham L. Freedman Fellow at the Temple University School of Law; Marjorie Hodges, policy adviser for Cornell Information Technologies; Adam Lehman, assistant general counsel for America Online; Robert W. Peters, president of Morality in Media; Alan Davidson, staff counsel for the Center for Democracy and Technology; and Pamela S. Samuelson, a professor at the University of Pittsburgh Law School and visiting professor at the Cornell Law School. The symposium was attended mainly by law students, about half filling the MacDonald Moot Court Room in Myron Taylor Hall.

The CDA makes it a crime to post "indecent" material on the Internet in any place where it may be seen by anyone under the age of 18. In effect this prohibits such material entirely. Indecent material is defined as "any comment, request, suggestion, proposal, image or other communication that, in context, depicts or describes, in terms patently offensive as measured by contemporary community standards, sexual or excretory activities or organs."

This is a broader category than obscenity, which is already prohibited on the Net by existing laws. Too broad, critics say, since it could include serious educational material and intellectual discussion. The law has been challenged in federal court as an infringement of free speech and on the grounds that the description is too vague.

Arguing for censorship, Taylor said that those applying the law would choose intelligently what to prosecute. "These laws have a vagueness built in to allow protected

speech," he asserted. The decision would be based on intent, he said, so that "If you sell it as pornography, it is."

Congress would be perfectly happy to have adults sending indecent material on the Net, he said, if there were a way to restrict that material to adults. One of the ideas bandied about in the discussion was that of creating a system of net IDs that would identify adult or minors.

Others have proposed a rating system in conjunction with parental controls. This isn't the answer, Peters said, first because there will be no way to track and identify everything that should be restricted and, second, because many parents can't or won't use the system. "There are many laws which assist parents with their children," he said, citing laws restricting alcohol sales or prohibiting child abuse.

Legal scholars on the panels urged caution. Decisions we make now will affect the future of the Internet in ways we can't even understand today, Gibbons pointed out. Eventually, he and others said, technological and social solutions will emerge.

One major complaint is that those who advocate censorship are often not Net users themselves. Peters admitted, somewhat proudly, that he had never been on the Internet himself. His experience, he said, consisted of watching demonstrations at conferences where "indecent" sites were displayed.

Worse, some pointed out, most of those who wrote the laws don't understand how the Internet works either. This is one of the things that presents a problem for Cornell. The CDA exempts common carriers from liability for material transmitted across their systems; that means that Cornell, in its role of providing access to the Internet, is not responsible for what people see there. But in order to provide access to Usenet groups, the university must download copies of all the messages on some 12,000 groups to one of its own computers. As the law is written, that makes the university a "provider" of what's in those messages, even though they originate somewhere else.

Legally, Cornell is not responsible for anything a student might post on a personal Web page served from the student's own desktop computer in a dorm room. The university does not provide space for student pages on its own computers. But legal liability isn't the only thing the university has to worry about. "Part of my job [as adviser to CIT] is to keep Cornell from ending up on the front page of *The New York Times*," Hodges told the group. As if to underscore that, early this week lawyers for the U.S. Justice Department cited student Web pages at several universities as examples of indecent material available on the Internet.



Richard Tapia, professor at Rice University in Texas, speaks at Warren Hall on April 12.

Speaker urges universities to expand access for minorities in certain fields

By Dennis Shin '96

Examining the historical underrepresentation of women and minorities in the fields of science, mathematics and engineering, especially at the graduate level, mathematician Richard Tapia presented a "Case for Affirmative Action at Research Universities" April 12 in Warren Hall.

A member of the National Academy of Engineering and a professor at Rice University in Texas, Tapia, a Chicano, described his efforts on admissions committees to make the academic field more representative and ethnically diverse. Citing recent court rulings that demonstrate the national concern over affirmative action – including one barring the law school at the University of Texas from considering race in admitting students – he predicted that the university of the future will have to be more and more involved in the national political agenda.

"We cannot continue to be the research nation that has led the world without worrying about underrepresentation," Tapia argued.

The effects of underrepresentation, in Tapia's view, include lowering minority students' self-confidence and participation in the math and science fields. He stressed that admissions committees should avoid "tokenism" when accepting minorities, by effectively enrolling a "critical mass" of minority students that represent the entire population.

Among flaws that need to be addressed in the overall educational system, Tapia pointed out root problems at the K-12 levels. Drawing on his analysis of Houston-area public schools, he described how preparation for, and thus fair access to, higher-level education begins at the earliest levels of schooling.

"Outreach programs with K-12 schools and proactive counseling, therefore, are important steps (universities) can take to solve the problem," Tapia said. "Research universities must be players in educating diverse populations."

Finally, Tapia criticized current methods used in selecting students for higher education institutions. Describing such standardized tests and entrance exams as the SAT and GRE as "biased, one-dimensional qualifiers," he identified a need to implement a more effective method of predicting the merit and potential of a candidate.

"Existing evaluation criteria [standardized tests] do not evaluate creativity," Tapia argued. "We need to implement threshold value approaches that get rid of the curse of linear ordering."

After Tapia's Warren Hall talk, Lorna Holt '96, a student in agricultural and biological engineering, said she agreed with Tapia's assessment of the minority experience in technical fields.

"As an engineering student who is both a minority and a woman, I understood where he was coming from," she said.

Bosnian education official shares experiences of a troubled homeland

By Jill Goetz

The following text resulted from conversations spoken in Bosnian (Serbo-Croatian) and translated by E. Wayles Browne, Cornell associate professor of linguistics and a specialist in Slavic languages.



Halilovic

Education officials don't usually have to make life-or-death decisions on the job. But for Enver Halilovic, who was responsible for education in Tuzla, Bosnia and Herzegovina during the war there, moral questions loomed over his every mandate.

"This was a real human problem as well as a moral problem, deciding whether or not children should go to school," says Halilovic, minister of education, culture and sport of the canton of Tuzla and dean of the philosophy faculty at the University of Tuzla. He is at Cornell this month to share his experiences with students and faculty and to forge relationships that may lead to future exchanges between the universities. His stay is being sponsored by Cornell's Institute for European Studies.

Though the United Nations had identified Tuzla as one of six "safe areas" in Bosnia, Halilovic said, the city was shelled regularly by Serbian forces – who often targeted schools.

"I insisted that schools remain open throughout the war. Of course, I was constantly worried about what would happen. I set it up so that children wouldn't go to school every day. They spent much of their time learning in 'basement schools,' gathering in the basements of their apartment buildings, where they were generally safer and would not have to leave every day."

What studying did occur was conducted in terrible conditions: "One book served a number of children, and one notebook had to be enough for an entire family." Sometimes, "books were used for fuel, to provide heat."

Things were no better at the University of Tuzla. But despite the shelling of one of its libraries, the razing of laboratories and the filling of student dormitories with refugees, Halilovic said, the university remained open, and students remained determined to continue their studies.

"The students felt a stronger readiness to work and study hard. They felt this was the way they could contribute to the liberation of the country, as well as their own liberation," he said.

Halilovic, who is a Bosnian Muslim, said his wife and two children were spared in the war, but he doesn't know whether his father is still alive, and he just spoke to his mother, in his native Sjenica, Serbia, for the first time in five years (from Ithaca).

A specialist in Jean-Paul Sartre, Halilovic wrote 1991's *Sartre's Criticism of Stalinism* (which was banned by the

then-socialist government). "The war gave me a new way of looking at things," Halilovic said. "I wondered, what in peoples' psyche is it that makes them irrational and destructive? What can one think about a person who would aim shells at a kindergarten? I was constantly thinking about these issues. The war gave me a better understanding of existentialism and a better way to address questions about the role of the individual and his place in the community."

"Sartre had a commitment to the struggle for humanism and human rights," Halilovic added. "He said committed intellectuals react to current political events from the viewpoints of humanism and of their own specialties."

"My studies of Sartre left deep traces on my own personality and my world view, and this prepared me to take a committed role in public events during the Bosnian war," he said.

Looking ahead, Halilovic is cautiously optimistic about his country's future. But, he said, peace can last only if the United States extends its military presence in Bosnia beyond its scheduled withdrawal this December, and only if Bosnian citizens can safely return to their homes.

He also expressed optimism about efforts to rebuild Bosnia's schools. The University of Tuzla is creating a department of English and courses in American history, he said, and would welcome books on these subjects from the Cornell and Ithaca communities. Books can be donated to the Institute for European Studies in 120 Uris Hall.

Scientists give perspectives on biocontrol

By Linda McCandless and Blaine P. Friedlander Jr.

More than 200 scientists affiliated with Cornell attended an information-packed Cornell Community Conference on Biological Control last week, spearheaded by Tony Shelton, professor of entomology.

"It was not your typical meeting where you have report after report," said Michael P. Hoffmann, Cornell assistant professor of entomology and a member of the conference committee. "This conference provided perspective."

Hoffmann said that, although the scientists came from a variety of disciplines and attitudes toward biological control, the prevailing spirit seemed to be one of listening to what colleagues had to say. "We focused on discussion, not our differences," he said.

Wendell L. Roelofs delivered the conference keynote address, a multimedia presentation of slides and video clips titled "Sex Pheromones in Biobased Methods of Insect Control." Using examples from tomatoes, grapes, apples, cotton and turf insect control, he addressed the question, "Are pheromones worthwhile?"

His answer: yes. Roelofs, the Liberty Hyde Bailey Professor of Insect Biochemistry at Cornell's Agricultural Experiment Station in Geneva, cited statistics that demonstrate that "commercial manipulation" of the chemical communication system that female insects use to attract mates is "indeed, a very effective tool for biocontrol." Acknowledging that a strictly traditional definition of biocontrol refers only to using beneficial insects to prey on insect pests, Roelofs showed that biocontrol has already been expanded in research labs and in the field to include pheromone-based behavior modification.

Pheromones are used by female insects to attract males. The chemicals are carried over great distances in "pheromone plumes" and picked up by extremely sensitive olfactory response systems in male antennae. In response, the male takes flight, using the pheromone plume to activate its upflight to the odor source. Mating ensues, which results in thousands of new larvae feeding on the host crop, Roelofs said.

The driving force and financial backing for much of the current research comes from the potential use of synthetic pheromone chemicals in pest control programs. Because a particular pheromone is so species specific, it can be used as bait in monitoring or eradication traps and in pheromone rings, ties, fibers and hollow tubes to disrupt mating and disperse beneficial predators, Roelofs said.

Roelofs demonstrated one of the newest tools in the insect behavior modification arsenal — a device called a spritzer, developed by Dr. Tom Baker at Iowa State University. Adoption of this reusable timer, which spritzes pheromones onto an evaporation pad at 15-minute intervals — but only during the few critical hours each night when males and females are mating — could dramatically decrease the cost of pheromone mating disruption programs, he said.

Pheromones from over 1,000 species of insects have been identified. In commercial agriculture, turf and landscape studies, they are being used to monitor pest populations from 250 species. Commercially, they have been used successfully to disrupt the mating of more than 20 species. Disruption is particularly effective in control programs for pink bollworm, Oriental fruit moth, tomato pinworm, lightbrown apple moth, the codling moth, the peach twig borer and the European grape berry moth.

Other highlights of the conference included Ernest DelFosse, director of the National Biological Control Institute (NBCI), Riverdale, Md., explaining the national perspectives shaping the future of biological control. He went over the ethics and standards being considered in the field.

Honored by Spanish academy



Charles Harrington/University Photography

David Holmberg, left, Cornell associate professor of anthropology, and Michael Herzfeld, right, Harvard professor of anthropology, took part in a celebration April 12 in McGraw Hall honoring Davydd Greenwood, center, the Goldwin Smith Professor of Anthropology. The event, sponsored by the Anthropology Department, the Mario Einaudi Center for International Studies and the Institute for European Studies, acknowledged Greenwood's election to the Spanish Royal Academy of Moral and Political Sciences.

Consumer advocate Ralph Nader lectures April 23

By Jill Goetz



Nader

Some pundits are predicting that Ralph Nader could be President Bill Clinton's nemesis come November. Members of the Cornell and Ithaca communities can make their own assessments on Tuesday, April 23, at 8 p.m., when the consumer advocate, lawyer and presidential hopeful gives a lecture in Cornell's Bailey Hall.

Tickets are \$3 for Cornell students and \$5 for the general public and are on sale at the Willard Straight Hall box office.

According to recent editorials in *The*

New York Times and *Time* magazine, Nader, who has announced his intention to run for president on the Green Party ticket, could cost Clinton much-needed votes in California — and thereby hand a victory in that critical state to Republican challenger Sen. Bob Dole (R-Kan).

But regardless of the election's outcome, Nader, 62, is already legendary. His 1965 book, *Unsafe at Any Speed*, set in motion a one-man crusade to protect the public from corporate greed and neglect; his efforts stimulated Congress to enact federal motor-vehicle safety laws and to call for requirements for airbags and other automobile safety features.

Those efforts have since been taken up by scores of American citizens — many of them members of groups Nader founded,

such as the student-based public interest research groups (PIRGs) and Public Citizen. Nader also has been credited with influencing the creation of such consumer protection agencies and laws as the Occupational Safety and Health Administration, Environmental Protection Agency, Consumer Product Safety Commission and the Safe Drinking Water Act.

He considers one of his greatest achievements the Freedom of Information Act, originally enacted in 1966 and substantially amended in 1974 to make it easier for citizens, including journalists, to obtain documents being withheld by the government.

Nader's visit to Cornell is being sponsored by the Cornell University Programming Board, a student organization.

Bakery workers union official wins award from ILR

Carolyn J. Jacobson, director of public relations for the Bakery, Confectionery and Tobacco Workers International Union, has been named the 1996 Judge William B. Groat Alumni Award recipient by the School of Industrial and Labor Relations.

Jacobson was honored April 17 at a reception at the Hyatt Regency Capitol Hill in Washington, D.C.

The Groat Award, named for the New York State Supreme Court justice who played a key role in the founding of the ILR School and in drafting its charter, is presented annually to an ILR graduate who has demonstrated exceptional professional accomplishment in the field of industrial and

labor relations and outstanding service to the school.

"Carolyn has set the standard for progressive trade union activities in public relations," said David B. Lipsky, dean of the School of Industrial and Labor Relations. "She has been tireless in both her commitment and dedication to her profession and alma mater. Her efforts on behalf of our students have been extraordinary."

Jacobson has been a member of the Executive Council of the International Labor Communications Association, AFL-CIO, since 1980 and served as its president from 1986 to 1989. She has been a member of the Coalition of Labor Union Women since its

founding convention in 1974.

Her support of the ILR School spans more than two decades, including 20-plus years of service on the alumni board and two terms as president of the ILR Alumni Association (1991-95). Jacobson is founder of the ILR Women's Network in Washington, and she has been a key supporter of the D.C. Chapter of the ILR Alumni Association.

Jacobson has mentored numerous ILR students, initiated and sponsored internships, and assisted dozens in their search for employment.

She earned a bachelor's degree from the ILR School in 1972 and a master's degree from American University in 1979.

CU sled dogs will be up late with Conan

Alaskan husky sled dogs from the College of Veterinary Medicine are scheduled to appear on tonight's *Late Night with Conan O'Brien* show.

The dogs are scheduled to pull a wheeled "sled," carrying the show's host, as part of a guest appearance by Jeff King, winner of the 1996 Iditarod sled dog race in Alaska. The program, which is taped earlier on Thursday, will be broadcast locally by NBC television affiliates at 12:30 a.m. on Friday, April 19.

The Cornell dogs will be accompanied by

Arleigh J. Reynolds, assistant professor of clinical sciences. The huskies are involved in research to determine the nutritional needs of exercising dogs, and they regularly enter sled dog races. Reynolds' research has shown that exercising dogs such as huskies, which burn 12,000 calories while running 100 or more miles a day, need fatty acids from high-fat foods as their principal "fuel," whereas a high-carbohydrate diet sometimes recommended for human athletes only impairs the exercising dogs' ability to burn fat.

Creation is topic of April 22 lecture

Robert Gentry, a creationist-scientist, will give a lecture, "Genesis and Evolution: A Scientific Confrontation," 7 p.m. Monday in Statler Auditorium. Gentry, whose visit is sponsored by Cornell research associate Jeffrey Gates, will present his view that there is scientific evidence supporting the biblical account of creation.

CALENDAR

from page 12

LGB Studies

"Visual Pleasure in 1959: Mankiewicz' *Suddenly Last Summer*," D.A. Miller, Columbia University, April 19, 4:30 p.m., Goldwin Smith D.

Messenger Lecture

"Presidential Politics and Foreign Policy: Diminishing America's Global Stature," Clifton Wharton Jr., former deputy secretary of state, April 18, 4:30 p.m., David L. Call Alumni Auditorium, Kennedy Hall.

Public Service Center

"Gender Bias in the College Classroom and Strategies for Change," David Sadker, American University, April 18, 3:30 p.m., Biotechnology Building Auditorium.

Society for the Humanities

"Something Happened": The False Memory Controversy and the Social Construction of Child Abuse," Elizabeth Wilson, Radcliffe College, April 23, 4:30 p.m., Guerlac Room, A.D. White House.

"Philosophy and the Schizoid Condition: Wittgensteinian Reflections and Reflections on Wittgenstein," Louis Sass, Rutgers University, April 24, 4:30 p.m., Guerlac Room, A.D. White House.

Southeast Asia Program

"Engendering Entrepreneurship: Ideologies and Political-Economic Transformations in a Northern Vietnamese Manufacturing Center," Hy Van Luong, University of Toronto, April 18, 12:15 p.m., 640 Stewart Ave.

"Indonesia in ASEAN and APEC," Iwan Azis, visiting professor and University of Indonesia, April 25, 12:15 p.m., 640 Stewart Ave.

Theory Center

"Parallel Structured Adaptive Methods for the Solution of the LDA Equations for Materials Applications," Scott Kohn, University of California at San Diego, April 23, 2:30 p.m., 456 Rhodes Hall.

University Lectures

"Jesus and Muhammad: An Essay in Comparative Historiography," Francis Peters, New York University, April 18, 4:30 p.m., Goldwin Smith D.

MUSIC

Department of Music

• April 18, 8:15 p.m., Barnes Hall: Student chamber music recital. Hiromi Ogawa, a piano student of Blaise Bryski, will perform three Rachmaninoff preludes. Baritone Alan Florendo will present four selections from Ralph Vaughan Williams' *Songs of Travel*. Additional voice students of Judith Kellock also will be featured.

• Jazz Festival: See story, Page 12.

• April 19, 8:15 p.m., Barnes Hall: Fortepianist Blaise Bryski and cellist Stephanie Vial will present a recital that includes works by Bach, Mozart, Scarlatti and Clementi.

• April 20, 8:15 p.m., Barnes Hall: Student vocalists Lea Friedman and Alan Florendo will give a joint recital.

ALGLC presents entertainment and fashion benefit

The Africana and Latino Greek Letter Council (ALGLC) is presenting its annual music, entertainment and fashion benefit called Greek Freak '96 in Bailey Hall tonight, April 18.

Tickets for Greek Freak '96, open to the public, are \$5 in advance and \$6 at the door. Tickets can be purchased from ALGLC members. For more ticket information, or for information on becoming a sponsor of the event, call Vaughn Lowery at 273-5043.

The show will begin at 8:30 p.m. with fashion performances, featuring demonstrations of Nigerian fashions, evening wear and the James Bond Clothing Line, designed by students in the College of Human Ecology. Sandwiched between women's and men's step competitions will be rap music set by hip-hop performer Blahzay Blahzay.

Members of the 12 fraternities and sororities that make up the ALGLC will be the evening's performers, and all the proceeds will go to support a college scholarship fund for Ithaca High School students.

• April 22, 8:15 p.m., Barnes Hall: A student chamber music recital will feature Chopin's *Fantasy in F Minor*, Beethoven's *An die Ferne Geliebte* and Dvorak's *Quartet in F major, Op. 96, "American."*

• April 23, 8:15 p.m., Barnes Hall: Eighteenth-century performance practice scholar Brian Brooks will perform J.S. Bach's *Partita in E major, Sonata in C major and Partita in D minor.*

• April 24, 8:15 p.m., Barnes Hall: Piano students of Xak Bjerken will present a studio recital. Performers include Emily Chiang, Robert Kleinberg, Sarah Morgan, Edith Wu, Ken Chan, Timothy Fuller and Sarah Jhung.

Bound for Glory

April 21: Michael McNevin will perform in the Cafe in Anabel Taylor Hall at 8:30, 9:30 and 10:30 p.m. Admission is free. Bound for Glory is broadcast from 8 to 11 p.m. on WVBR-FM, 93.5 and 105.5.

readings

Durland Alternatives Library

The Feminist Women's Writing Workshop and the Durland Alternatives Library will co-sponsor "Women's Voices: Prose and Poetry," a reading by local women writers, April 20, 7:30 p.m., Cafe at Anabel Taylor Hall. For information, call 255-6486.

religion

Sage Chapel

Janet Shortall, assistant director of Cornell United Religious Work, will give the sermon April 21 at 11 a.m. in Sage Chapel.

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

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

Christian Science

Testimony meetings sharing healing through prayer and discussion every Thursday at 7 p.m., Founders Room, Anabel Taylor Hall. For more information see <<http://www.msc.cornell.edu/~bretz/cs0.html>>.

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

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

Friday Services: Conservative: 6 p.m., Founders Room, Anabel Taylor Hall; Reform: 6 p.m., ATH Chapel; Orthodox: call for time, 272-5810, Young Israel.

Saturday Services: Orthodox: 9:15 a.m., One World Room, ATH; Egalitarian Minyan, 9:45 a.m., Founders Room, ATH.

Korean Church

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

Latter-day Saints (Mormon)

Sunday services: Cornell Student Branch, 9 a.m., Ithaca ward, 1 p.m. For directions or transportation, 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.

Orthodox Christian (Eastern Orthodox)

Sundays, Divine Liturgy at 10 a.m., St. Catherine's Greek Orthodox Church, 120 W. Seneca St., 273-6884.

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.

Student team produces absurdist play in Black Box series April 19-21

Showcasing its student talent, Cornell's Center for Theatre Arts presents the Black Box production of *Interview - A Fugue for Eight Actors* by Jean-Claude Van Itallie. Directed by theater arts major Neal Freeman '97, this absurdist play will be presented April 19-21 in the Black Box Theatre at the Center for Theatre Arts.

Performances will be Friday at 4:30 p.m., Saturday at 7:30 p.m. and Sunday at 2 p.m. Tickets are \$2. For more information, contact the CTA Box Office at 254-ARTS.

The first half of the play depicts four job applicants being interviewed and, as the interview progresses, the applicants become increasingly confused. In the second half, each actor presents a monologue that focuses on the apathy of society toward the individual as his or her identity is consumed

by that society. These seemingly disparate pieces are interwoven by the comedic commentary on what is called the "real world."

The Black Box series productions enable students, faculty and/or staff of the Theatre Arts Department to mount small-budget productions. The series offers opportunities for students to assume commanding roles, as well as providing a refreshing alternative to large-scale productions. Freeman will direct next fall's CTA production of *All in the Timing*.

The student cast of *Interview - A Fugue for Eight Actors* includes Joe Beck, Maria Dizzia, Lauren Gasparo, Melissa Goodrum, Grace Hsu, Richard Kass, Ben Thorn and Alex Zalben. The all-student production crew includes Andrea DeTerra, stage manager; Pablo Garcia, master electrician; and Maria Dizzia, sound design.

seminars

Advanced Computing Research Institute

"The Use of PETSc for the Parallel Solution of PDEs," Barry Smith, Argonne National Laboratory, April 22, 12:15 p.m., 708 Rhodes Hall.

African Development, Institute for

"Making Africa Safe for American Democracy: The Role of Women, South African Investors and Multinational Enterprises," Anthony Ndungu, Ph.D. student, government, April 22, 12:15 p.m., 208 W. Sibley Hall.

Applied Mathematics

"Scheduling to Minimize the Average Completion Time: On-line and Off-line Approximation Algorithms," David Shmoys, operations research & industrial engineering, April 19, 3 p.m., 310 Rhodes Hall.

Astronomy & Space Sciences

"Theory of the Galactic Magnetic Field," Ellen Zweibel, University of Colorado, April 18, 4:30 p.m., 105 Space Sciences Building.

Biochemistry

"Protein Kinases, Phosphatases and Transcriptional Repression in Yeast," Marian Carlson, Columbia University, April 19, 4 p.m., large seminar room, Biotechnology Building.

Bioengineering

"Tissue Engineering," Harold Reisman, Organo Genesis, Cambridge, Mass., April 19, 12:20 p.m., 155 Olin Hall.

Biogeochemistry

"The Watershed Perspective: Nitrogen Saturation and Nitrogen Loss in Coastal Forests of Walquoit Bay, Mass.," Kate Lajtha, Oregon State University, April 19, 4 p.m., A106 Corson Hall.

Biophysics

"Monte Carlo Simulations of Membrane Signal Transduction Events: Application to G-Protein Activation and Receptor Crosslinking," Jennifer Linderman, University of Michigan, April 24, 4:30 p.m., 700 Clark Hall.

Chemical Engineering

"Dynamics of Polymer Surfaces," Steve Granick, University of Illinois at Urbana-Champaign, April 18, 3:45 p.m., 165 Olin Hall.

Chemistry

"Studying Chemical Dynamics With Fast Lasers," John Simon, University of California at San Diego, April 25, 11:15 a.m., 119 Baker.

Cognitive Studies

CANCELED--"Phenomenal Qualities," Robert Van Gulick, Syracuse University, April 18, 8 p.m., 164 Goldwin Smith Hall.

Ecology & Systematics

"Survival of Coral Reefs in the Florida Keys: Ecosystem Modification and Physiological Response," James Porter, University of Georgia, April 22, 4 p.m., A106 Corson Hall.

"Molecular Bases for the Origin and Diversification of Echinoderms," Gregory Wray, SUNY Stony Brook, April 24, 4 p.m., A106 Corson Hall.

Education

"Visualizing the World of Science and Math Using Image Processing for Learning (and Teaching)," Robert Kolvoord, James Madison University, April 23, noon, 101 Kennedy Hall.

Electrical Engineering

"Technology for Next Generation PCs," Fred

Pollack, Intel Fellow, April 23, 4:30 p.m., 101 Phillips Hall.

Floriculture & Ornamental Horticulture

"Conifers: Taxonomy, Horticulture and Other Tales," Ed Cope, Bailey Hortorium, April 22, 12:20 p.m., 404 Plant Sciences Building.

Fruit & Vegetable Science

"Growth and Gas Exchange Responses to Water Stress in Apple Trees and Grapevines Early in the Season," Manea Al-Hazmi, fruit & vegetable science, April 18, 4 p.m., 404 Plant Science Building.

"Study of Effect of Postharvest High CO₂ on Strawberry Fruit Firmness," Jianshi Zhang, fruit & vegetable science, April 25, 4 p.m., 404 Plant Science Building.

Food Science

"Control of Salmonella During Poultry Production: An Integrated Approach," Stan Bailey, USDA Agricultural Research Service, Athens, Ga., April 23, 4:15 p.m., 204 Stocking Hall.

Genetics & Development

"Establishment of Polarity in the *C. elegans* Embryo: The Roles of PAR-1 and NMY-2," Su Guo, thesis seminar, April 24, 12:20 p.m., small seminar room, Biotechnology Building.

Geological Sciences

"Control of Atmospheric Carbon Dioxide by the Ocean Carbon Cycle," Jorge Sarmento, Princeton University, April 23, 4:30 p.m., 1120 Snee Hall.

Immunology

"Genetics of Host Resistance to Murine Malaria," Anne Crump Avery, Colorado State University, April 19, 12:15 p.m., BTI Auditorium.

International Studies in Planning

"Planning and Social Control: Israeli Settlements in Frontier Regions," Oren Yiftachel, Ben Gurion University of the Negev, April 19, 12:15 p.m., 115 Tjaden Hall.

Latin American Studies

"Who Rules Mexico? The Old Political Elite, the New Political Elite and U.S. Interests in Mexico," Judith Alder Hellman, York University, April 25, 12:15 p.m., 153 Uris Hall.

Mann Library

"The BIOSIS Database: Scope, Coverage and Other Details of Interest to the Frequent BIOSIS User," Barbara Lawler, BIOSIS, April 25, 9 a.m., Mann Library Conference Room.

Neurobiology & Behavior

"Imaging Neural Activity With Single Cell Resolution in Escaping Zebrafish," Joseph Fetcho, SUNY Stony Brook, April 18, 12:30 p.m., A106 Corson Hall.

"Neurons, Networks and Motor Behavior in the Pteropod Mollusk, *Cilione limacina*," Yuri Arshavski, University of California at San Diego, April 25, 12:20 p.m., A106 Corson Hall.

Operations Research & Industrial Engineering

"Rapid Prototyping - Application in the Design of Automotive Engines," Renee Sears, Ford Motor Co., April 18, 4:30 p.m., 155 Olin Hall.

Ornithology

"EPOQ: A Seasonal Atlas of the Birds of Quebec," Andre Cyr, April 22, 7:30 p.m., Fuertes Room, Lab of Ornithology.

Continued on page 11

CALENDAR

from page 10

Peace Studies Program

"To the Right, March: The Politics of the U.S. Military," Dana Isaacoff, visiting fellow, April 18, 12:15 p.m., G-08 Uris Hall.

"Major South American Wars: Economic Causes and Consequences," Carlos Seiglie, Rutgers University, and Mario Pastore, visiting fellow, Latin American Studies Program, April 22, 4 p.m., G-08 Uris Hall.

Pharmacology

"Molecular Basis of the Fight-or-Flight Response," Cristina Artalejo, Northwestern University, April 22, 4:30 p.m., Lecture Hall III, Veterinary Research Tower.

Physics

"Make Your Own University With Giant Toy Atoms," Allen Mills Jr., Bell Labs, Lucent Technologies, April 22, 4:30 p.m., Schwartz Auditorium, Rockefeller Hall.

Physiology & Anatomy

"Reflex Endocrine and Local Components of Developing Fetal Cardiovascular Control," Mark

Computer Modeling in the Life Sciences," NSF Workshop, April 19-21, 700 Clark Hall.

Sociology Joint Colloquia Series

"Developmentalism, Globalism and Sociology," Phil McMichael, rural sociology, April 19, 3 p.m., Faculty Commons, Martha Van Rensselaer Hall.

Soil, Crop & Atmospheric Sciences

"Resampling Hypothesis Tests for Serially Correlated Geophysical Field Data," Daniel Wilks, soil, crop & atmospheric sciences, April 23, 3:30 p.m., 135 Emerson Hall.

South Asia Program

"Overlapping and Multiple Sovereign Territorial Space: Lessons From Pre-British India," Naeem Inayatullah, Syracuse University, April 22, 12:15 p.m., G-08 Uris Hall.

Statistics

"What Is Individual Bioequivalence?" J.T. Gene Hwang, mathematics, April 24, 3:30 p.m., 100 Caldwell Hall.

Sustainable Agriculture & Food Systems

"Integrated Pest Management (IPM) for Vegetables: Recent Progress and New Directions," Mike Hoffman, entomology, April 24, 4 p.m., 401 Warren Hall. For info, contact Dean Hively, 255-3066 or <wdh3@cornell.edu>.

mately 5 p.m., following his lecture.

• Also on April 18, Professors James McConkey, A.R. Ammons and Kenneth McCrane, together with local authors Diane Ackerman and Paul West, will be signing copies of *The Anatomy of Memory: An Anthology* from 4 to 5 p.m. at the Campus Store.

Cornell Plantations

"The Business of Being an Artist," an intensive two-day workshop with artist and scientific illustrator Warren Cutler from Washington, D.C., will be sponsored by Cornell Plantations. Call 255-2407 for registration information; a fee for the workshop will be charged.

Dialogue

On April 24 at 7 p.m. in the Anabel Taylor Cafe, Dialogue, an interfaith gathering of lesbian, gay and bisexual Cornell community members and friends, will hold a SpeakOut. The SpeakOut will be an opportunity for sharing with religious leaders and campus administrators personal experiences surrounding religion and sexuality in a gay-positive and supportive environment. The SpeakOut will be confidential and moderated by Peer Educators.

Emotions Anonymous

This 12-step group that helps people deal with emotional problems meets for a discussion meeting on Sundays at 7:30 p.m. and a step meeting on Tuesdays at 8 p.m. at the St. Luke Lutheran

sports

Baseball (10-16, 3-5 Ivy)

April 20, at Pennsylvania (2)
April 21, at Pennsylvania (2)
April 24, at Lehigh (2)

The Big Red dropped three out of four Ivy League games last weekend on the road. On Sunday, Yale took a pair from the diamondmen 4-2 and 9-4. The previous day in Providence, R.I., Cornell defeated Brown 8-2 in the opener but dropped the nightcap 5-4.

Men's Hwt. Crew (0-2)

April 20, Navy and Syracuse (Goes Cup). The heavyweights were swept by their opponent for the second consecutive weekend, as Rutgers won all four races in Piscataway, N.J.

Men's Ltwt. Crew (2-0)

April 20, at Princeton with Rutgers. The lightweight varsity eight remained undefeated on Saturday following an impressive (6:11.0-6:18.0) victory over Penn. Harvard did not compete in the varsity eight race.

Women's Crew (3-1)

April 20, Rutgers and Pennsylvania. The women's varsity eight survived what is traditionally its toughest regular-season race of the season with a narrow loss to powerful Princeton (6:34.3-6:37.5) and a victory over nemesis Radcliffe (6:59.7). Rough conditions made the race even more difficult, as there were high winds and white-capped waves on the Charles River course.

Golf (0-1)

April 20-21, Ivy Champs. at Bethpage, N.Y. The men's golf team tied for 16th out of 19 teams at the Yale Invitational Tournament last Saturday.

Men's Lacrosse (3-6, 1-2 Ivy)

April 20, at Princeton. Nineteenth-ranked Dartmouth defeated the Big Red 15-6 Saturday afternoon on a rain-soaked Schoellkopf Field. On Wednesday, the sixth-ranked Syracuse Orangemen used a 10-0 run to down the Big Red 16-8 at Schoellkopf. The Orangemen scored all eight goals of the final period.

Women's Lacrosse (4-5, 0-4 Ivy)

April 20, at Harvard
April 21, at Boston College
April 24, Princeton, 2 p.m.
The women laxers went 2-1 on the week, posting wins against Colgate (13-7) and Vermont (14-6) around a loss at Dartmouth (19-8).

Men's Polo (15-5)

Last week, the Big Red traveled to Fort Worth, Texas, to compete in the national intercollegiate tournament, where it hoped to come home with a national championship. On Tuesday, Cornell faced the University of Virginia in the semifinals and defeated the Cavaliers 17-13. The win advanced the Big Red to the finals on Saturday against Texas A&M. Saturday was an A&M day, as the Aggies won 30-15. After the finals, awards for the season were announced, with both senior captain Andrew Flint and sophomore P.J. Orthwein being named to the All-East team, while Flint was selected to the All-America squad.

Women's Polo (14-6-2)

At the national intercollegiate tournament last week at Fort Worth, Texas, the Big Red defeated the University of Virginia 15-13 in the semifinals on Monday but lost in the finals to the University of Connecticut 18-15 on Saturday. Senior Katherine Riedel received All-America honors at the awards ceremony Saturday night.

Women's Softball (10-7; 1-1 Ivy)

April 20, at Brown (2)
April 21, at Yale
April 23, at Army

Men's Tennis (4-11, 0-5 EITA)

April 20, at Army. On Friday, Cornell was swept by Yale 7-0 and Brown defeated the Big Red 6-1 on Saturday. Brown swept in singles play, but Cornell won two out of three doubles matches to take the lone point.

Women's Tennis (10-1, 3-1 Ivy)

April 19, Dartmouth, 2 p.m. The women's tennis team extended its current winning streak to three games last weekend, beating Yale 5-2 on Friday and defeating Brown 4-3 on Saturday.

Men's Outdoor Track (2-1)

April 20, Pennsylvania at Ithaca College, 11 a.m. The Big Red men were second with 53 points against Bucknell, Towson State and Syracuse at Bucknell last Saturday. Bucknell won the meet with 109.5 points.

Women's Outdoor Track (3-1)

April 20, Pennsylvania at Ithaca College, 11 a.m. The women were second against Bucknell, Duquesne, Towson State and Syracuse last Saturday at Lewisburg, Pa., with 105 points. The meet was won by Bucknell with 109 points.

Now playing



From left, Petra (Rachel Crawford) and Camille (Pascale Bussieres) in "When Night is Falling," directed by Patricia Rozema. The film will screen in Willard Straight Theatre Friday and Saturday. See the Films listing for details.

Hanson, University College, London, April 23, 4 p.m., Lecture Hall III, Veterinary Research Tower.

Plant Biology

"Evidence for Symplastic Phloem Loading in Conifers," Sabine Blechschmidt-Schneider, Universitat Gottingen, April 19, 11:15 a.m., 404 Plant Science Building.

Plant Breeding

"Computer Assisted Instruction for Applied Genetics," John Pollak, animal science; Anthony Lednor, animal science; and Martha Mutschler, plant breeding, April 23, 12:20 p.m., 135 Emerson Hall.

Plant Pathology

"Post-Transcriptional Gene Silencing: Possible Mechanism of Resistance for Tomato Spotted Wilt and Squash Mosaic Viruses," Fuh-Jyh Jan, plant pathology, Geneva, April 23, 3 p.m., A133 Barton Laboratory, Geneva.

"Redefining the BYDV-RMV Strain: New Biological and Molecular Data," Eglantina Lucio, plant pathology, April 24, 12:20 p.m., 404 Plant Science Building.

"Rainfall and the Dispersal of Fungal Spores," Larry Madden, Ohio State University, April 26, 12:20 p.m., G-10 Biotechnology Building.

Rural Sociology

"The Green Revolution and Income Inequality: A Review of the Evidence," Don Freebairn, April 24, 12:15 p.m., E405 Martha Van Rensselaer Hall.

Science & Technology Studies

"Simulating Knowledge: Cultural Analysis of

theater

Theatre Arts

• Black Box Series: Undergraduate Neal Freeman directs Jean-Claude Van Itallie's *Interview - A Fugue for Eight Actors* April 19 at 4:30 p.m., April 20 at 7:30 p.m. and April 21 at 2 p.m. in the Black Box Theatre at the Center for Theatre Arts. Admission is \$2. The Black Box Series offers students the opportunity to experiment and learn about all aspects of theater production.

• Anton Chekhov's *The Seagull* will be performed in the Center for Theatre Arts' Proscenium Theatre on April 25-27 and May 2-4 at 8 p.m. and April 28 at 2 p.m. Tickets are \$6 for students and seniors and \$8 for the general public. For more information, call the CTA box office at 254-ARTS.

miscellany

Book Signing

• On April 18, Dr. David Sadker, co-author of *Failing at Fairness: How America's Schools Cheat Girls*, will sign copies of the book in the auditorium of the Biotechnology Building starting at approxi-

Church, 109 Oak Ave., Collegetown. For more information call 387-0587.

International Association of Camel Breeders/CPAS

The International Association of Camel Breeders and the Cornell Public Affairs Students present a "hot and spicy fete" April 20 from 8 p.m. to 1 a.m. at the Big Red Barn. Experience an international evening with DJ Ibe playing the latest Calypso, Salsa, African, Eurodance, Reggae, Soca, Pop and R&B. There will be free finger food and a cash bar. Tickets are \$4 in advance for students over 21; \$5 at the door and \$6 for students under 21 and non-students. For tickets and info, contact Khadija, 256-3751, Caroline, 273-0586, or Abbie, 272-2264.

Justice for All

Join the environmental group Justice for All for music, skits, information and a chance to take action for the environment on the Ithaca Commons April 20, 1 to 3 p.m.

LGB Resource Office

LGB faculty/staff TGIF, April 19, 4:30 p.m., Big Red Barn.

Writing Workshop's Walk-in Service

Free tutorial instruction in writing.
• 178 Rockefeller Hall, Sunday, 2 to 8 p.m., Monday through Thursday, 3:30 to 5:30 p.m. and 7 to 10 p.m.

• RPCC, Conference Room 3, Sunday through Thursday, 8 to 11 p.m.

• 320 Noyes Center, Sunday through Thursday, 8 to 11 p.m.

CALENDAR

April 18 through April 25

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
Open to the Cornell community and general public, all events are free unless noted otherwise. Beginners are welcome; no partners are necessary. For information, call Edilia at 387-6547 or Marguerite at 539-7335 or send e-mail to David at <dhr1@cornell.edu>.

April 21, North Room, Willard Straight Hall; 7:30 p.m., Hambo (Swedish), 8:30 p.m., request dancing.

Israeli Folkdancing
Thursdays, 8 p.m., Edwards Room, Anabel Taylor Hall. For information, call 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.
• "Playfulness and Fashion: Inro From the Weston Collection," through May 12.
• "For the Enjoyment of Art: The Lockhart Collection," through May 12.
• "Still Time: Photographs by Sally Mann," through May 26.
• "A Life Well Lived: Fantasy Coffins of Kane Quaye," through June 16.
• Batik demonstration with Mohammed Najib Dawa, April 20, 2 to 3 p.m.

Hartell Gallery (M-F 8 a.m.-5 p.m.)
Work by Mildred Selendy, April 20-27.

Kroch Library Exhibition Room 2B
"Invention and Enterprise: Ezra Cornell, a 19th-Century Life," curated by Elaine Engst, university archivist, through June 9.

Martha Van Rensselaer Gallery, E124 MVR Hall
Images of Malaysia: The Hand-Painted Batiks of Mohammed Najib Dawa, April 19-26.

Tjaden Gallery (M-F, 8 a.m. to 5 p.m.)
• Paintings by Guillermo Hinojosa-Canales, through April 20.
• Prints by Christa Wolf, April 20-27.

Veterinary Medical Center
Paintings by Corinne T. Kenney, DVM '62, are on display in the center's gallery through June 9.

Willard Straight Hall Art Gallery (9 a.m. to 10:30 p.m.)
Paintings, photographs and photo collage by Patricia Chu, through April 26.

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 and children under 12), except for Tuesday night Cinema Off-Center at the Center for Theatre Arts (\$2) and Saturday or Sunday matinees (\$3.50). Films are held in Willard Straight Theatre except where noted.

Thursday, 4/18
"Suddenly Last Summer" (1959), directed by Joseph Mankiewicz, with Elizabeth Taylor, Katharine Hepburn and Montgomery Clift, 7 p.m.
"Pather Panchali" (1954), directed by Satyajit Ray, with Kanu Banerji and Karuna Banerji, 9:30 p.m.

Friday, 4/19
"Dadatown" (1995), directed by Russ Hexter, 7 p.m.
"Sabrina" (1995), directed by Sydney Pollack, with Harrison Ford, Julia Ormond and Greg Kinnear, 7:15 p.m., Uris.
"When Night Is Falling" (1996), directed by Patricia Rozema, with Pascale Bussieres, Rachel Crawford and Henry Czerny, 9:45 p.m.

"The American President" (1995), directed by Rob Reiner, with Michael Douglas, Annette Bening and Martin Sheen, 10 p.m., Uris.
"Screamers" (1996), directed by Christian Duguay, with Peter Weller, Roy Dupuis and Jennifer Rubin, midnight.

Saturday, 4/20
"When Night Is Falling," 7:15 p.m.
"The American President," 7:15 p.m., Uris.
"Screamers," 9:30 p.m. and midnight.
"Sabrina," 9:45 p.m., Uris.

Sunday, 4/21
"Sabrina," 4:30 p.m.
A screening of rare avant-garde shorts from the Filmmakers' Cooperative, presented by Pentangle, 7:30 p.m., Uris, free.
"The American President," 7:15 p.m.

Monday, 4/22
Black Maria Film and Video Festival, with festival director John Columbus, 7 p.m.
"Susana" (1951), directed by Luis Bunuel, 9:30 p.m.

Tuesday, 4/23
"Gilda" (1946), directed by Charles Vidor, with Rita Hayworth and Glenn Ford, 7 p.m.
"Damed if You Don't" (1987) and "The Deflatable Man" (1987), directed by Su Friedrich/Paul Bettel, with Peggy Healy, Ela Troyano/Mark McKernon, 7:30 p.m., CTA Film Forum.
"White" (1994), directed by Krzysztof Kieslowski, with Zbigniew Zamachowski, Julie Delpy and Janusz Gajos, 9:30 p.m.

Wednesday, 4/24
"Ithaca-Bihac" (1995), video of Ithaca's "Bosnia Week," sponsored by the Bosnia Coordinating Committee, 255-7592, 4:30 p.m.
"Aparajito" (1957), directed by Satyajit Ray, with Pinaki Sen Gupta and Smaran Ghosal, 7 p.m.
"One Way or Another" (1974), sponsored by the Latin American Studies Program and CUSLAR, 8 p.m., Uris, free.
"White," 9:30 p.m.

Thursday, 4/25
"Science or Sacrilege: Native Americans, Archaeology and the Law" (1996), directed by Nicholas Nicastro, 7 p.m., free.
"Aparajito," 10 p.m.

graduate bulletin

• **Move to Caldwell:** The Graduate School offices will move from Sage Hall to Caldwell Hall. Anticipated moving dates are:
Records Office, Thesis Adviser, Admissions Office, and Fellowships and Financial Aid Office - May 3 to 5.
Deans' offices and Publications and Statistics Office - May 14 to 24.
• **May 3: Closed for move:** The Graduate School offices will be closed on Friday, May 3, because of the move (see exception for thesis adviser). Phone and e-mail service also will not be available on May 3. On Monday, May 6, limited services will be available in Caldwell Hall. We apologize for the inconvenience.
• **Thesis Adviser:** The thesis adviser will be available for walk-in student appointments on Friday, May 3, from 9 a.m. to noon and from 1:30 to

Jazz legend McCoy Tyner heads Cornell Jazz Festival April 19-21

McCoy Tyner, one of the leading interpreters and innovators of modern jazz, will headline the Cornell Jazz Festival this weekend.

For any jazz lover, the Cornell Jazz Festival has become an annual rite of spring on campus. It's a time when the university's classical music venues make way for the sound of jazz and the likes of Beethoven and Mozart step aside for Monk and Ellington.



Tyner

Best known as the pianist in John Coltrane's most famous group, Tyner also was one of the innovators of the "free jazz" movement of the 1960s. He has recorded albums with some of the biggest names in jazz history, including Art Blakey, Joe Henderson and Wayne Shorter. After Coltrane's death in 1967, Tyner launched his own recording career, turning out 26 albums and collaborating with the likes of George Benson, Pharoah Sanders and Sonny Rollins. In 1984, Tyner formed a 14-piece band, which has won Grammy Awards for *Uptown/Downtown*, *The Turning Point* and *Journey*.

Tyner and the Cornell University Lab Ensembles will perform Saturday, April 20, at 8:15 p.m. in Bailey Hall. The University of Rochester jazz band will perform at 6:45 p.m. Tickets for the concert are \$8 in advance; \$10 at the door. Student discounts are available. Tickets may be purchased at the ticket of-

fices in Lincoln and Willard Straight halls, Hickey's Music Center, Ithaca Guitar Works, Stella's Cafe and Rebob Records.

Tyner's rehearsal with the Cornell Lab Ensembles, prior to the evening performance, will be open to the public at 2 p.m. in Bailey Hall.

Tyner's appearance at the festival is supported by the Cornell Council on the Arts, the Student Assembly Finance Commission and Meet the Composer, which receives funding from the Ann and Gordon Gerty Foundation, the Joyce Mertz-Gilmore Foundation and the New York State Council on the Arts.

Other jazz festival highlights include:
• performances from jazz ensembles from Hunter College, Ithaca College, Syracuse University, Temple University and the University of Vermont on April 19, 2 p.m., Bailey Hall. Admission is free.

• jam sessions with musicians at The Nines, 311 College Ave., and ABC Cafe, 308 Stewart Ave., on April 19, 10 p.m.

• Rosetta Reitz, author and historian, presenting "Women in Jazz and Blues on Film" on April 21, 7:15 p.m., Barnes Hall.

• a performance of Hesterian Musicism, the process through which composition and performance merge to create aesthetic environments. The process is named for Cornell Professor Karlton Hester, who will perform in the jazz festival's closing event on April 21, 8:15 p.m., in Barnes Hall.

Admission to the Reitz presentation and Hesterian Musicism is \$3.

3:30 p.m. in the lounge of Sage Hall. On Monday, May 6, the thesis adviser will be available in 192 Caldwell Hall.

• **CoursEnroll: Pre-enrollment for Fall '96:** Course pre-enrollment is on-line and electronic through Bear Access. Dates for graduate students are through April 19. A graduate student must obtain consent from the committee chairperson for the pre-enrollment course selections and then receive an electronic 'adviser key' (password) from the chairperson or graduate field office. The Fall '96 Course and Time Roster is available on the Web. If you do not pre-enroll, you must submit a course enrollment form during the first three weeks of the fall semester. If you pre-enroll and decide to make changes, you must submit a course 'add and drop' form during the first three weeks of fall semester.

• **Summer registration:** Summer graduate registration begins Monday, May 20, at the Graduate School information desk, first floor, Caldwell Hall. Student ID and in-person registration are required. Students must register if they are 1) receiving financial aid during the summer (such as fellowships, summer loans, assistantships, travel grants or tuition awards); 2) wish to use campus facilities during the summer; or 3) are off campus but need to be registered for summer study. Graduate students who have been registered for a regular semester during the preceding academic year do not pay tuition for non-credit summer registration. Students approved for summer residence credit must pay the appropriate pro-rated Graduate School tuition rate. Tuition must be paid for summer courses taken through the School of Continuing Education and Summer Sessions.

• **May degree:** All requirements for a May degree must be completed by May 17, including submitting the dissertation/thesis to the Graduate School. Professional master's candidates should check with their field regarding earlier deadlines.

• **Orientation volunteers:** Volunteer as a graduate adviser for Graduate Orientation Week, Aug. 21 to 31. Interested graduate and professional students should contact Victoria Blodgett, manager of the Big Red Barn Grad Center (254-4723 or vab2@cornell.edu) or Sarah Bigham, graduate assistant (255-1123 or sgb4@cornell.edu).

uids: Experimental Studies," April 23; and "Studies of the Motions of Polymeric Liquids: Theoretical Studies," April 25.

Chemistry
Blomquist Lectures: "Visualizing the World of Atoms and Molecules With Scanning Probe Microscopy," John Baldeschwieler, California Institute of Technology, April 18, 4:40 p.m., 119 Baker.

CUSLAR
"Human Rights Abuses in Guatemala: A Survivor Talks About the Most Recent Massacre," Anastasio Chop Garcia, an indigenous Mayan from Guatemala, April 22, 8 p.m., Cafe at Anabel Taylor Hall.

East Asia Program
"Feminism and Decolonization: The Women's Movement in Hong Kong, 1980s-1990s," Choi Poking, Chinese University of Hong Kong, April 22, 4:30 p.m., Faculty Commons, Martha Van Rensselaer Hall.

"Doing Business in China Today," Samuel Seltzer, president, Allison Corp., April 25, 1:25 p.m., 200 Baker.

"Fair-sexing It: The Construction of Female Reader in Shanghai Newspapers (1872-1912)," Barbara Mittler, University of Heidelberg, April 25, 4:30 p.m., 374 Rockefeller Hall.

English
On April 22 at 2:55 p.m. in Hollis Cornell Auditorium of Goldwin Smith Hall, composer Steven Stucky will speak as part of the "Mind and Memory" lecture series.

Goltschalk Memorial Lecture: "Bakhtin on Aristophanes, Shakespeare and Chekhov," David Bevington, University of Chicago, April 25, 4:30 p.m., Hollis Cornell Auditorium, Goldwin Smith.

European Studies, Institute for
"Coming Together or Growing Apart? East and West Germans After Five Years," Manfred Kuechler, Hunter College, April 23, 11:40 p.m., 494 Uris Hall.

"Guenter Grass: Germany's Last Heretic?" Claudia Mayer-Iswandly, University of Montreal, April 25, 11:40 p.m., 494 Uris Hall.

Hotel Administration
Karen Karp of Karp Food Service Consulting will speak on opening and operating a not-for-profit food service outlet, April 25, 2:30 p.m., 190 Statler Hall, as part of the Housing and Feeding the Homeless guest speaker series.

LGB Resource Office
LGB Families Speakers Series: "Local Families Speak Out on Their Relationship to Public Schools and the Legal System," April 18, 7:30 p.m., International Lounge, Willard Straight Hall.
"Straight Parents/Queer Kids": The film "Queer Son" will be screened, followed by a panel discussion with local parents of queer kids, April 25, 7:30 p.m., International Lounge, Willard Straight Hall.

Continued on page 10

lectures

Africana Studies & Research Center
"My Community: The Color of Our Struggles," Marcia Fort, director, Greater Ithaca Activities Center, April 24, noon, Hoyt Fuller Room, 310 Triphammer Road.

Chemical Engineering
Julian Smith Lectures: L. Gary Leal of the University of California at Santa Barbara will speak at 4 p.m. in 165 Olin Hall on the following topics and dates: "Studies on the Motions of Polymeric Liq-