

CORNELL Chronicle

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INTO THE STREETS

Hundreds of student volunteers will participate in Ithaca-area service projects this weekend.

3

KEEPING THE BUGS OUT

Experiments show that insects employ a human-like ability – categorical perception.

7

Antonio Gotto joins Cornell Medical College as provost and dean

By Linda Grace-Kobas

Antonio M. Gotto Jr., M.D., has been appointed Cornell's provost for medical affairs and the Stephen and Suzanne Weiss Dean of the Medical College in New York City, President Hunter Rawlings announced Wednesday.

Gotto is currently the Bob and Vivian Smith Professor and chair of the Margaret M. and Albert B. Alkek Department of Medicine at Baylor College of Medicine and the Methodist Hospital. A nationally renowned researcher, Gotto and his associates were the first to achieve the complete synthesis of a plasma apolipoprotein (apo C-



Gotto

I), and they determined the complete cDNA and amino acid sequence of apo B-100, one of the largest proteins ever sequenced and a key protein in atherosclerosis and cardiovascular disease.

Gotto is author of *The New Living Heart Cookbook* and co-author of *The Living Heart* and *The New Living Heart Diet*, books that explain to the general public the origin and dietary treatment of cardiovascular disease.

He succeeds Robert Michels, M.D., who stepped down from the Cornell posts last spring, and will assume his new position on Jan. 1, 1997. Carl Nathan, M.D., will serve as acting dean through Dec. 31.

"It is with great pleasure that we announce today the appointment of Dr. Gotto as provost for medical affairs and dean of the college," Rawlings said. "He brings precisely those research, administrative, clinical and public service

skills that will best serve the college as it approaches the dawn of the next century. I look forward with great enthusiasm to working with him in this most exciting and challenging period for health care and medical education."

"I am delighted to join this extraordinarily strong institution," Gotto said. "I look forward to the opportunity to build its research infrastructure and to carry out the college's well-developed strategic plan. I am particularly enthusiastic about the prospect of forging still stronger academic relationships with our neighbors at Memorial Sloan-Kettering and Rockefeller University, while strengthening our outstanding clinical ties with New York Hospital and our other affiliated institutions."

At Baylor, Gotto is Distinguished Service Professor and also holds the J.S. Abercrombie Professor Chair for Athero-

Continued on page 2

All right at home



Robert Barker/University Photography

There was a lot to cheer about in Schoellkopf Field Saturday, a beautiful day for Cornell's annual Homecoming football game. The Big Red made the day complete by beating Princeton in double overtime, 33-27.

French studies program hosts conference on Algerian crisis

By Jill Goetz

Ten artists and intellectuals with personal and professional ties to Algeria will visit Cornell next week for a conference on the political and cultural issues facing this violence-racked nation in northern Africa.

"Algeria: In and Out of French" will run Thursday, Oct. 3, through Saturday, Oct. 5. Free and open to the public, it is being organized by Cornell's Program in French Studies and will address such topics as the complex relations between politics and language (Algerians speak Algerian, Arabic, French and Berber) and the sexual politics of Algeria, where divorced, working and non-veiled women and even young girls have been killed by fundamentalist factions.

"Algeria is the site of a double terrorism," said conference convener Anne Berger, associate professor of French in the Department of Romance Studies: "the terrorism of the so-called Islamic fundamentalists – whose first targets are women of all classes, artists, journalists and intellectuals, especially the Francophone and Berberophone ones – and the terrorism of a corrupt military regime. Meanwhile, France, which has had a surge of Algerian refugees, has been forced into the scene through repeated bomb attacks by armed fundamentalist groups; the GIA, or Islamic Armed Group, has vowed to kill all the artists and intellectuals who have taken refuge in France."

"It seemed to me that what was going on there deserved to be reported and debated here at Cornell," Berger continued. "Every day in Algeria, people of the word – intellectuals, journalists, writers, academics, playwrights, actors – are murdered, and I think of this conference as an homage and tribute to them."

On a broader scale, she said, the Algerian crisis offers a compelling case study of the internal and external struggles of former colonies and the conflicts arising from

Continued on page 5

Lane asks scientists to help make the case for research

By Larry Bernard

Federal investment in research could decrease by 20 percent or more over the next five to 10 years, but scientists can help make the case that there is value to research, the head of the National Science Foundation (NSF) said here last week.

"This nation is getting ready to carry out an experiment it has never run before: To see if we can reduce the purchasing power of research investment by 20 percent and still be a world leader in the 21st century. That is a high-risk experiment," Neal Lane, director of the NSF, told a Sept. 20 audience at a symposium celebrating the 50th anniversary of Cornell's School of Applied and Engineering Physics. He joined national leaders in various aspects of applied and engineering physics during the two-day symposium on campus.



Adriana Rovers/University Photography
NSF Director Neal Lane

Lane said federal discretionary spending – the day-to-day running of the government and its agencies – is only one-sixth the

total federal budget and will drop to one-seventh by 2002.

"While we can't predict with any precision how this will affect NSF or any other agency, we do know that there will be increased competition for funds from this shrinking slice of the pie," he said during his speech before a packed audience in Schwartz Auditorium, Rockefeller Hall.

But scientists and engineers do not have to sit idly by, he said. Lane made his own case for the value of research and encouraged the audience to come up with their own stories.

In what he called "subplots" to science, he described how scientists recently discovered what they believe may be fossil evidence of microbial life on Mars in a meteorite found on Earth. Lane said such a discovery would not have been possible without several research areas coming together.

Continued on page 4

Gotto continued from page 1

sclerosis and Lipoprotein Research and is scientific director of the DeBakey Heart Center. He is chief of the Internal Medicine Service at the Methodist Hospital in Houston.

Gotto's research interests include the structure, metabolism and function of the plasma lipoproteins and apolipoproteins and their relation to atherosclerosis; clinical disorders of lipid transport, including hyperlipoproteinemias and hypolipidemias; and the pathology of atherosclerosis and coronary heart disease. He has written more than 350 original scholarly articles.

Gotto has served as national president of the American Heart Association and as a member of the National Heart, Lung and Blood Advisory Council and on the National Diabetes Advisory Board. He is currently president of the International Atherosclerosis Society and co-chair of the U.S.-Russian and U.S.-Italian Cardiovascular Workgroups.

Gotto received his B.A. in biochemistry from Vanderbilt University in 1957, his D.Phil. in biochemistry from the University of Oxford, where he was a Rhodes Scholar, and his M.D. in 1965 from Vanderbilt University School of Medicine. His residency training was at Massachusetts General Hospital in Boston followed by training at the National Institutes of Health.

BRIEFS

Stress-relief workshops: The Stress Busters workshops sponsored by the Health Education Office are back and will meet the first Wednesday of each month through Dec. 4, from 4 to 5 p.m. in the McManus Lounge of Hollister Hall. On Oct. 2, Cutter Cramton will present "Learning to Work with the Body in Reducing Stress." The workshops are free and open to all faculty, staff and students. For information about the Stress Busters program, call John Gormley at the Health Education Office, 255-4782.

CORRECTION

The Cornell Library on-line catalog usage statistic, included in a box with the Sept. 19 article "CU's network services have gotten a boost from computer upgrades," was incomplete. The actual number of times the on-line catalog was accessed in the 1995-96 academic year was 3,225,084. The total for fiscal year 1995-96 was 3.9 million. Other databases provided by the library were searched about 500,000 times during the year.

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University women



Robert Barker/University Photography
Elizabeth Trapnell Rawlings, left, speaks with Patricia White of the American Association of University Women, Ithaca branch, on Sept. 18 at the Women's Community Building. Rawlings was guest speaker at the AAUW meeting.

CU has long history of supporting the United Way

By Marilu Del Toro '97

The United Way – it's an organization most have heard of but whose function is not always clear. In Tompkins County, understanding the United Way's role and purpose is critical, especially since so many people depend on its work, and institutions such as Cornell contribute essential aid.

The Tompkins County United Way is a non-profit organization that raises funds for and coordinates the efforts of local service agencies. Each fall, the United Way conducts a countywide fund-raising campaign, the result of which is crucial to seeing its 39 member agencies through the subsequent year.

Cornell and the Tompkins County United Way have a long history of working together. In fact, what began during the organization's founding in 1921 as an association partly by default – prominent members of the Cornell community also served as the United Way's original board of directors – has evolved today into the university's own campuswide United Way campaign.



United Way

The contributions that Cornell employees have made through campus campaigns in the past have more than once proven to be of life-saving importance for United Way member agencies. The recession of the '70s almost eliminated some agencies until employees at Cornell and other local workplaces volunteered to make pledges through automatic payroll deductions. Similarly, the '80s would have been indifferent campaign years had it not been for the continuous pledges from Cornell that allowed member agencies to create more programs than ever before.

Unfortunately, the '90s have brought an overall participation decline among Cornell employees. The reasons for this slump are unknown; efforts currently are being coordinated to investigate it. Vice President for University Relations Henrik N. Dullea has commissioned a study by the Office of Com-

munication Strategies to look at campuswide giving trends. The study, which will take place throughout the year, will use employee focus groups to gauge their opinions.

Cornell's decreased participation notwithstanding, employee volunteers running the campus campaign remain hopeful. They've set this year's goal at \$501,000 – an ambitious third of the total county goal.

As the largest employer in the county, the "people on the hill" have long been the guardian angels of the United Way's member agencies. It now remains up to individual employee donors to help Cornell keep this tradition alive.

Cornell United Way campaign information is available on the Web at <http://www.gsm.cornell.edu/unitedway/> or from Rhonda Velazquez at rhv2@cornell.edu or by phone at 255-6418. Also contact Rhonda if you are interested in participating in the United Way giving trends study.

OBITUARIES

Robert L. Cullen, 85, a member of the Cornell athletic department for 53 years, died Sept. 22 at his home in Ithaca after a long illness.

Although he officially retired in 1979, Cullen remained as co-head coach of Cornell's lightweight football team with his oldest son, Terry, until his death. He continued to come to practice and was in the office last week.

Cornell Athletic Director Charles Moore said, "Bob Cullen was the epitome of a coach. In spirit, he was very competitive, but foremost, he had the athletes at heart, and he was extremely supportive of his players. At Cornell, lightweight football is Bob Cullen, and we will be eternally indebted to Bob for what he has accomplished over so many years."

When Cullen came to Cornell in 1943 and during his career, he coached three levels of football – varsity, junior varsity and lightweight, two levels of lacrosse (varsity and freshman), junior varsity basketball and women's squash. In 1946, he revived the lightweight football program that was halted because of World War II, and he stayed in that position for one year before returning to the varsity.

In 1958, he assumed the lightweight foot-

ball head coaching duties, and the Cullen name has been synonymous with that program ever since. In fact, in 1984 the head coaches of the Eastern Lightweight Football League named the league's championship trophy the Bob Cullen Trophy.

A member of the Cornell Athletic Hall of Fame, Cullen was inducted into the Upstate New York Lacrosse Hall of Fame in January 1996. He assumed the freshman lacrosse coaching duties in 1958 and three years later took over as the head mentor of the stickmen and remained in that position until 1965, when he returned to the frosh until 1973.

A Palmyra, N.Y., native, Cullen graduated from Hobart College in 1937, majoring in chemistry and biology, playing lacrosse and quarterbacking the football team. While working on his master's degree in chemistry at Syracuse University, Bob also played amateur and semi-pro football and baseball in the Rochester area.

Cullen is survived by his wife, the former Ursula Devaney, and six children.

A Mass of Christian Burial is scheduled for 10 a.m. this morning at St. Catherine of Siena, 302 St. Catherine's Circle.

Memorial gifts can be made to: The Robert L. Cullen Fund, c/o Cornell University, 55 Brown Road, Ithaca, N.Y. 14850.

Robert Perkins Merrill, 61, the Herbert F. Johnson Chair of Industrial Chemistry in the School of Chemical Engineering, died Friday, Sept. 20, in Ithaca.

He was at Cornell for 19 years.

"Professor Merrill was a leader in exploring how molecules in a gas interact with solid surfaces," said William L. Olbricht, director of the chemical engineering school. "He was an excellent mentor to his students, several of whom are now outstanding researchers and educators."

Merrill was recruited to Cornell in 1976, and he played an important role in helping the School of Chemical Engineering expand its research program. "All of us in chemical engineering have benefited from having him as a colleague," Olbricht said.

Merrill, who was born in Salt Lake City, Utah, was a 1960 graduate of Cornell's five-year undergraduate program in chemical engineering. He earned an Sc.D. from the Massachusetts Institute of Technology.

He is survived by his wife, Jeanne Cluff Merrill; a sister; five children; and 11 grandchildren. A memorial service will be held at Sage Chapel today at 4 p.m. Memorials may be made to Cornell University, Church of Jesus Christ of Latter-day Saints (Mormon) Library Endowment.

Hundreds of student volunteers will go 'Into the Streets' on Saturday

By Simeon Moss

Into the Streets, a program of Cornell's Public Service Center, is sponsoring its sixth annual Fall Service Day on Saturday from 9:45 a.m. to 5 p.m.

On that day, several hundred Cornell students, faculty and staff will join members of the Ithaca community in a day of public service projects.

More than 120 college campuses across the country participate in Into the Streets, which was created to introduce students to thoughtful community service and to provide a learning experience that challenges them to volunteer on a regular basis. The mission of Into the Streets at Cornell, student organizers say, is to foster continuing connections between the university and the greater Ithaca community through education programs and meaningful social action.

About 60 students at Cornell have participated in plan-

ning this year's Fall Service Day, and they, in turn, are coordinated by a board of six students led by Adina Saperstein '98, this year's director of Into the Streets.

"It introduces a large percentage of students to service and to issues in the community," Saperstein said of Fall Service Day. "Our hope is that they will find something on that day that they will want to make a lasting commitment to."

Participants will gather in the morning at Beverly J. Martin Elementary School to hear kick-off speeches by Ithaca Mayor Alan Cohen and Susan Murphy, Cornell vice president for student and academic services. Volunteers will spend the rest of the day, in groups of five to 10, at service projects in support of 35 Ithaca-area agencies, ranging from HOMES Inc. to the Cayuga Nature Center.

Other students, including members of fraternity and sorority councils, and Collegetown residents also will take to the streets of Collegetown Saturday. Activities will

include cleaning neighborhood sidewalks, streets, utility poles and open spaces.

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

Leading the campaign to get students involved in the Collegetown cleanup 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.

Additional support is being provided by the Collegetown Motor Lodge, WVBR-FM, Collegetown businesses, the city of Ithaca's Department of Public Works and two Cornell offices — the Dean of Students and Community Relations.

For further information on Into the Streets and Fall Service Day, call the Public Service Center at 255-3836 or send e-mail to <intothestreets@cornell.edu>.



Catherine Wotecki, acting undersecretary for research, education and economics at the U.S. Department of Agriculture, speaks to an audience in Room G10 of the Biotechnology Building Sept. 23.

Adriana Rovers/University Photography

USDA official promotes publicly funded research

By Blaine P. Friedlander Jr.

Even with the world's safest and most secure, affordable, abundant and nutritious food supply, most Americans don't recognize the benefits of agricultural research, said a U.S. Department of Agriculture official lecturing in the Biotechnology Building Monday.

"Most Americans — and their elected representatives who make funding decisions — see no need to raise the level of agriculture research funding," lamented Catherine Wotecki, acting undersecretary for research, education and economics at the USDA. "What's worse is that most Americans don't know that agriculture research even exists."

Wotecki told the audience she is spreading the word about promoting publicly funded agricultural research. "I see this as a long-term project, but I believe the payoff is enormously critical to all Americans, as well as American agriculture," she said.

Wotecki cited research efforts such as detecting the Karnal Bunt Fungus, which threatens wheat; reducing apple industry risk; and the development of the rapid test for checking bacteria on meat, as she explained that the USDA and thousands of university researchers continue to keep the food supply safe and abundant.

Studies have shown that publicly funded agricultural research has earned an annual return on investment of 35

percent, Wotecki said. "In other words, it's working." And further studies indicate that the private sector, on the other hand, has little incentive to conduct basic research for the public good. "That's not an indictment, but rather a reflection of our economic system, which relies on a profit motive to drive decisions," she said.

Wotecki also explained to the largely faculty audience the USDA's plan to advance "five desired outcomes": An agricultural system that is highly competitive in the global economy; a safe and secure food and fiber system; a healthy, well-nourished population; greater harmony between agriculture and the environment; and enhanced economic opportunity and quality of life for Americans.

U.S. civil rights office dismisses complaint over program houses

Cornell announced Sept. 22 that the Office for Civil Rights (OCR) of the U.S. Department of Education has closed its investigation of a complaint alleging that the university maintains racially and ethnically segregated residence halls.

No violation of applicable civil rights laws and regulations was established.

The complaint was brought by Michael Meyers, executive director of the New York City-based organization the New York Civil Rights Coalition.

In a Sept. 20 letter to Cornell President Hunter Rawlings, OCR Chief Program Officer Rolando Alvarado informed the university that the agency did not find sufficient evidence to support a violation of Title VI of the Civil Rights Act of 1964 and its implementing regulations with respect to Ujamaa Residential College's and the Latino Living Center's purpose and selection procedures.

Vice President for Student and Academic Services Susan H. Murphy expressed the university's pleasure with the OCR decision.

"Cornell has maintained throughout these proceedings that its program houses were not in violation of any federal or state statute or regulation," Murphy said. "We are delighted that the Office of Civil Rights has brought this case to conclusion. Ujamaa Residential College has a long track record, while the Latino Living Center is a new residential unit. Both units, and indeed all of Cornell's 10 program houses, contribute to the intellectual, cultural and social diversity of the entire campus, and we look forward to their continued service to the university community in the future."

"Cornell has consistently maintained that all Cornell students, without respect to national origin, race, religion or ethnicity, are welcome to be residents of and to participate in the programs and activities of its program houses," Murphy added. "Our resolution agreement with OCR reiterates this longstanding university policy."

As part of the resolution of this complaint, Cornell has entered into a conciliation agreement with OCR in which the university assures OCR that the Latino Living Center "will not make distinctions on the basis of national origin when recruiting students for Center residence and/or Center activities." Copies of advertising materials distributed by the Latino Living Center during the fall and spring semesters of the 1996-97 academic year and a list of recruitment activities during the same period will be provided to OCR. The center, which began operation in the 1994-95 academic year, is the most recently established of the university's 10 program houses.

Meyers had filed a similar complaint with the New York State Department of Education in 1994; that complaint was dismissed by former State Education Commissioner Thomas R. Sobol on June 28, 1995.

Faculty Senate OKs academic program review policy

By Jacquie Powers

In an effort to help departments improve and to ensure consistent standards across the campus, the Faculty Senate last week approved a new universitywide policy that calls for a review of all academic programs every seven to 10 years by specialists from outside the university.

The policy, approved in a 43 to 30 vote Sept. 18, was endorsed by President Hunter Rawlings in a short address to the senate before the vote.

Asked to explain the rationale for the policy, Rawlings said, "This is one of the cases where we can put shared governance into effect. We already have departments

urgently volunteering for this."

Last fall, Rawlings and Provost Don M. Randel established a committee to propose guidelines for a universitywide academic program review. Committee members were jointly selected by Randel and the Faculty Council of Representatives.

That committee released a draft proposal Feb. 12, which was reviewed by the university community and revised to accommodate numerous suggestions of faculty members and others.

Faculty members at last week's meeting who spoke in favor of the review policy noted that it will encourage faculty to critically evaluate their academic programs, provide a sound basis for long-

range planning and promote more effective cooperation across colleges and departments. Many noted their departments had not been reviewed in 20 or more years and could benefit from the process.

"Program review encourages departments to think hard about where they are, where they are going," said Walter Cohen, dean of the Graduate School.

Opponents said they saw no compelling need for what they called an additional layer of review. They said the benefits would not outweigh the cost in both faculty time and money.

"I come not to praise this proposal but to bury it," said Jeffrey Scott, associate professor of entomology. "This proposal is a little

Continued on page 4

Applied and Engineering Physics symposium *continued from page 1*

"It is a story," he said, "about the inherent unpredictability of fundamental research, the importance of leading-edge instrumentation and facilities for research, the requirement for a strong, stable national investment across the full spectrum of science and engineering fields and, most importantly, the need to engage the public and build appreciation for our efforts in research and education."

For example, Lane said, without the NSF Polar Program, there would be no systematic search for meteorites in Antarctica, where 16,000 Martian meteorites have been found, ironically, as part of a study on the movement of ice floes. Yet, "the future viability of the U.S. research presence in Antarctica is jeopardized by budgetary constraints and delayed investments in new facilities," he said.

How could scientists know that the meteorite originated on Mars? Without the basic research of Viking landers, the unique, signature gases of that planet would not be known and could not be matched to meteorites on Earth. But more important, the instrument used to image the suspected fossil in this case is a unique two-photon mass spectrometer developed by Richard Zare at Stanford University that was built to study elementary gas-phase chemical reactions.

"He developed it for an entirely different avenue of research, and it is probably safe to say the last thing he ever expected to do with it was zap meteorites. But it has provided what is perhaps the key tantalizing piece of this puzzle," Lane said.

His conclusion: "Progress and success always require leading-edge tools, the best people working on the best ideas, strong and stable national investment in both research and infrastructure that cuts across all fields of science and engineering, backed by the active engagement of the American people."

Cornell President Hunter Rawlings, in introducing Lane, referred to the successes of the School of Applied and Engineering Physics, pointing out "the interdisciplinary nature of the field, long before it was fashionable, and the ability to reinvent itself to meet changing needs."

The blending of engineering with physics has been "enormously productive," Rawlings said, with the school producing more than 1,400 graduates and more than 400 Ph.D.s who now are in several fields, including screen writing, law and music.

"It seems that if you can do well in engineering physics, you can do just about anything," Rawlings said.

Speakers addressed a Sept. 20, morning session of the symposium on "Challenges and Opportunities of the 21st Century." In a talk titled "The Promise of Information Tech-



Adriana Rovers/University Photography
NSF Director Neal Lane, left, chats with Cornell President Hunter Rawlings at the School of Applied and Engineering Physics symposium Sept. 20.



Robert Barker/University Photography
Dale Corson, Cornell president emeritus and former dean of the College of Engineering, speaks at the symposium banquet at the Triphammer Lodge and Conference Center Sept. 20.

nology," Paul Horn, IBM senior vice president of research, said that information technology (IT) is changing so fast and in such a way that "there will be no people not affected" by it. The exponential uses of technology are "changing the world," Horn

said, and, by analogy, said that if the airplane industry were on the same curve as IT, "you would fly from Ithaca to the West Coast in 10 minutes for \$30."

"One thing is absolutely clear: What is important today is not going to be important

10 years from now. Flexibility is absolutely required. That's not what you find in typical academic departments," he said.

Horn added that the "information age" is not necessarily the age of knowledge or wisdom. "You will be able to walk around with the Library of Congress in your pocket. Not that you'd want that. You have to be able to make all that information useful."

Gerald Yonas, vice president for Information and Pulsed-power Research and Technology at Sandia National Laboratories, described national security challenges for science and technology. He said that although the Cold War is over and the threat from a major superpower no longer drives the country's defense spending, there is a "new world disorder" that is equally threatening.

Terrorism, loose nuclear weapons, regional ethnic and religious conflicts around the world for which this nation is ill-prepared to handle, and domestic crime all threaten this country's security, Yonas said. New technology is required in microelectronics, optoelectronics, computer modeling and simulations, advanced materials and manufacturing technology and high-performance computing to deal with these threats.

"We have a problem turning data to information to knowledge," Yonas said. "We have a military procurement cycle that takes 10 to 15 years; our adversaries can go to Radio Shack and put something together in days."

Cornell can help, he said, not just in research in new technologies, but in training "engineers who understand political issues and politicians who understand engineering issues."

Other speakers from around the nation described the latest developments in their fields during a Sept. 20 session titled "New Frontiers in Applied Physics." Among them: David Miller, professor of electrical engineering at Stanford University, who discussed advanced optoelectronics; John Lindl, physicist at Lawrence Livermore National Laboratory, who described fusion energy and the Department of Energy's inertial confinement fusion program; Steven Block, associate professor of molecular biology at Princeton University, who described optical tweezers and biological motors; David Moncton of Argonne National Laboratory, who talked about X-ray research using synchrotrons; and Don Eigler, an IBM Fellow, who discussed "Nanoland—the Land of Opportunity."

Dale Corson, Cornell president emeritus, addressed the group at a symposium banquet that evening. Corson was an engineering professor and then dean of Cornell's College of Engineering during Applied and Engineering Physics' early years on campus.

Senate *continued from page 3*

monster. We must defeat it before it becomes a big monster."

Under the new policy, program review will begin with a self-study that prepares the way for an evaluation by a committee of experts from outside the university, and it will not duplicate existing review processes, but will be integrated into them, according to Peter Stein, dean of the faculty. Primary responsibility for carrying out reviews rests with the college deans. The self-study is designed to clarify the unit's self-understanding and provide a sense of direction to its work.

The whole review process, as well as the structure of the individual reviews, will be overseen by a new universitywide Faculty Committee on Program Review (FCPR), which also will organize a separate, annual evaluation of a broad, cross-departmental area of scholarship. Both the reviews of individual units organized by the deans and the broader cross-departmental reviews under the FCPR may lead to reallocation of resources.

"This is an important step for us to take," Stein said after the meeting. "The procedure we have adopted will ensure appropriate faculty involvement with the entire program review process."

Boyce Thompson receives Park Foundation grant

By Blaine P. Friedlander Jr.

The Boyce Thompson Institute for Plant Research at Cornell has received a \$3 million, six-year grant from the Park Foundation of Ithaca to initiate new biodiversity projects.

"The study of global biodiversity is a priority of the United Nations Development Program and many national agencies around the world. The Boyce Thompson Institute has specific expertise that can enhance these international efforts," said Charles J. Arntzen, president and CEO of the institute.

As population and industrialization increase, humanity is endangering the world's wildlife and plants by dramatically altering ecosystems. Previous biodiversity studies have shown that loss of habitat is resulting in extinction of many species.

"The analyses have also shown that we do not yet even fully understand the importance of what we may be losing. This missing knowledge is what the BTI scientists plan to contribute," Arntzen said.

"The link between the Park Foundation and the Boyce Thompson Institute is a natural," said Dorothy Park, chair of the Park Foundation Board and wife of the late founder of the foundation, Roy H. Park Sr. "My husband was an active member of the

Boyce Thompson board for many years and always had an interest in agricultural research and education. My son, Roy, who shares the same interest, is now a member of the Boyce Thompson board. Our foundation has an overriding interest in education, particularly in projects which will create a healthier environment."

Specifically, the institute will focus its attention on the diversity of chemicals that organisms use to establish their position in ecosystems, and on the importance chemicals play in regulating how successfully an organism interacts with its neighbors and defends itself from predators.

"This new field of study is often called chemical ecology," Arntzen said. "By learning more about the molecules that plants and associated organisms produce in natural environments, we can learn what factors are important in stabilizing endangered ecosystems."

The institute specializes in environmental biology, genetics and biotechnology. As it gains new information on naturally occurring chemicals, the institute can develop strategies to obtain new plants with improved nutritional or health benefits. The biodiversity project also may lead to new discoveries relating to pharmaceuticals,

since approximately half of existing drugs originally were derived from chemicals extracted from plants. Identifying valuable products in endangered species can be an important consequence, since demonstrations of value provide worldwide incentives to limit loss of biodiversity from the planet.

"I am impressed at everything Boyce Thompson has accomplished working with the environment," said Roy H. Park Jr. "This new biodiversity program not only links Boyce Thompson closer with Cornell University but also with global activity in this field. These links should more rapidly lead to new medical, pharmaceutical and nutritional discoveries from our biological environment."

Arntzen said that the new grant will be an extremely important factor in the institute's choice of future directions. BTI also plans to use the grant to recruit a senior faculty member with international stature. "We hope to work with our colleagues at Cornell University in our new activities, since there is tremendous talent in chemistry and ecology in this community," he said. The funds also will allow BTI to attract young scientists and let them focus their talents on biodiversity projects.

New concentration gives undergraduates a taste of 'things French'

By Jill Goetz

Jonathan Laurence '98 has known the allure of French history and culture for years, having studied French throughout high school and spending the summer after high school helping to restore a 14th-century château in the south of France.

At Cornell, he has pursued his interest in France through an independent major in the politics and culture of modern Europe. But, Laurence says, it is his concentration — Cornell's equivalent of a minor — that most has whetted his appetite for things French and most brought him into contact with other people and programs at the university that share his *joie de vivre*.

That concentration is French Studies, an interdisciplinary program begun last year in the College of Arts and Sciences.

Many, if not most, Cornellians are touched by French culture at one time or another: whether by reading the works of de Tocqueville or Flaubert for classes in Arts and Sciences; watching films by Truffaut or Malle screened by Cornell Cinema; viewing masterpieces by Rodin and Daubigny in the Herbert F. Johnson Museum of Art; attending plays by Molière at the Center for Theatre Arts (now showing: *Tartuffe*, co-starring Jonathan Laurence); or simply biting into a slice of French bread in a Collegetown eatery.

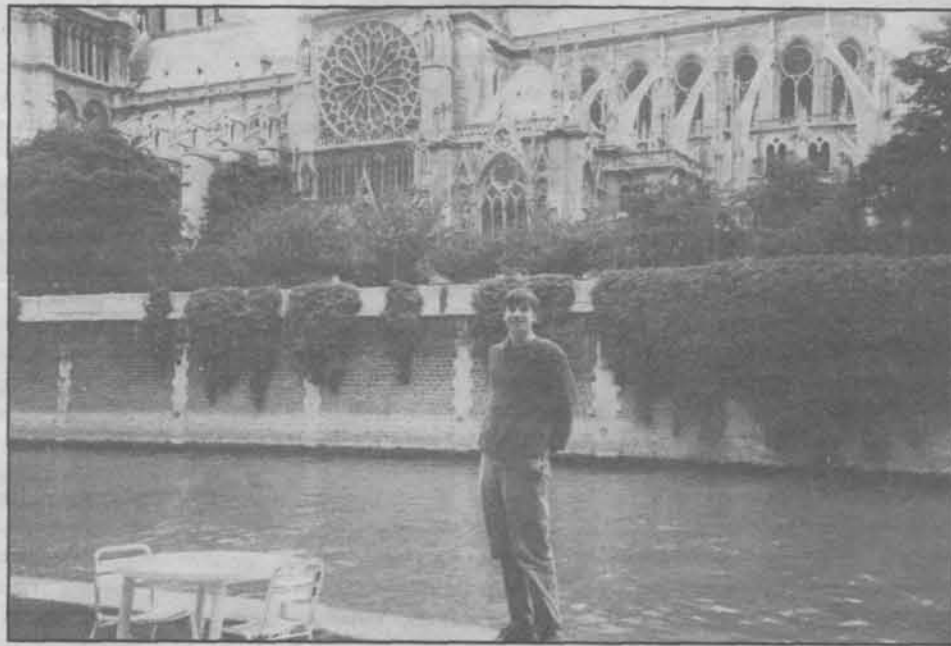
The Program in French Studies brings students inspired by such experiences together. "For someone interested in French culture and history, the biggest challenge at Cornell is tracking people down," Laurence said. "What French Studies does is capture all these people in the same room. Right now, they are completely dispersed on campus; but through French Studies, several times a semester you can talk with other students and faculty that share your interests, even if you don't have time in your schedule to take their classes. That's something that would never have presented itself without this program."

According to Arts and Sciences Dean Philip E. Lewis, the program reflects a trend: "Over the last decade, traditional studies in French language and literature have gone through a steep decline nationally," he said. "During this time, however, scholars in major universities have been developing, under the rubric of cultural studies, an exciting interdisciplinary approach to the study of France, its history, its literature and thought, and its influence on Western civilization."

The concentration is co-directed by Steven L. Kaplan, the Goldwin Smith Professor of European History, and Anne Berger, associate professor of French.

According to Kaplan, Cornell long has been at the forefront in providing French studies opportunities for graduate students; but, like most U.S. universities, has provided few such opportunities for undergraduates.

"Traditionally these kind of enterprises have left out undergraduates at research universities," he said. "We thought we needed to move beyond the somewhat limited market of faculty and graduate students who were going to engage in [French-related] career commit-



Jonathan Laurence '98 visits Notre Dame last summer while conducting research in Paris for Cornell history Professor John Weiss.

'Through French Studies, several times a semester you can talk with other students and faculty that share your interests, even if you don't have time in your schedule to take their classes. That's something that would never have presented itself without this program.'

— Jonathan Laurence '98



Lewis



Kaplan

ments; we felt that French and francophone [French-speaking] culture had a particular allure, a particular resonance, that also would be attractive to undergraduates.

"Many of our fundamental assumptions about truth, beauty, life and love are derived from French culture," he continued. "Anne and I sensed that there was this huge undergraduate world of people who were going to be doctors, lawyers, business men and women, who could enrich their lives — develop a clearer sense of truth and beauty — if we could expose them to some of what we call the 'French experience.'"

That is the title of the concentration's only required course, co-taught by faculty from several departments, including Romance Studies, Modern Languages, History and English.

Laurence recalled, "That course, more than anything, displayed the diverse interests of the faculty connected with the French Studies Program. Philip Lewis gave a lecture on 17th-century literature; Richard Klein discussed Coco Chanel; and then, in came

Steven Kaplan with his books on bread in 18th-century France. He had just come back from Paris, and he brought in his favorite French bread, *pain au levain* [country-style sourdough] for us to try."

Students who concentrate in French Studies must develop proficiency in French and choose from a variety of non-language courses, such as Camus and His Contemporaries, 19th-Century French Women Writers and Foodways: A Social History of Food and Eating. But the courses extend beyond the French republic, to francophone lands from Guadeloupe to Gabon.

"French studies' doesn't mean grabbing the French flag and a baguette or sitting under the Eiffel Tower and discussing the issues of the world," Kaplan said. Added Berger, "What we call 'French' cannot be reduced to a nation or even to a language; it is a way of thinking about language, culture and history." Students can fulfill requirements for the concentration through such courses as Francophone Caribbean Literature, Francophone African Literature and Colonialism and Narrative.

Of course, Cornell students don't have to take the French Studies concentration to meet francophone faculty or conduct research with francophone themes. Besides majoring in French, they can join the Language House in Comstock Hall; study in Paris through Cornell Abroad's EDUCO program (conducted with Duke University) or through the Law School's Summer Institute of International and Comparative Law in Paris; participate in the francophone ex-

French government designates Cornell

The French government has designated Cornell University as a Center of Excellence.

"The French government always has made culture one of its top priorities in its foreign policy," said Cornell history Professor Steven Kaplan, a renowned specialist in the social history of 18th-century France. "For France, which doesn't have oil, ideas are thought of as real capital, and the French are interested in making this capital available for the world to mine in a variety of ways."

While there have been French institutes around the world, he noted, France has not promoted such institutes in the United States. "They began to worry about their lack of presence in America," he said, "and the Ministry of Foreign Affairs decided it would identify a handful of American universities which, as a result of their library resources, scholarly achievements and quality of professors and students, would become bastions of activity for the study and research of things French."

Philip E. Lewis, dean of Cornell's College of Arts and Sciences, said, "The designation of Cornell as a Center of Excellence, while giving us well-deserved recognition, also furnishes our fledgling Program in French Studies with the resources it needs for a vigorous launching of its courses and activities. We are very grateful for Steven Kaplan's efforts and buoyed by the opportune support that the French government and a generous anonymous benefactor [who matched the French government's grant] have provided us."

It's not the first time the French government has formally recognized the resources at Cornell. This past winter, the French Ministry of Culture appointed Kaplan a Chevalier of the Order of Arts and Letters, one of France's highest honors.

change program offered by the Johnson Graduate School of Management; take a class in Parisian architecture in the College of Architecture, Art and Planning; or meet renowned French chefs visiting the Hotel School. And they can always go to the Cornell Library, which contains the world's largest collection of French Revolution materials outside of Paris.

But for many students, the concentration makes access to things French easier. "We can reach students who just love French movies or who spent their summer vacation in France, but who are too busy to stop and major in French," Kaplan said. "We're saying, 'Come and spend some time with us.'"

Algeria conference continued from page 1

multiculturalism and multilingualism. "Algeria is one of the most complicated sites of enunciation of French in the world today," she said.

"Contemporary Algeria provides us with an instance of a most conflicted use of this language, as well as of its other founding languages — one which should force us to think in no easy ways of the relations between language, culture and history in post-colonial contexts," she said.

The conference is the first at Cornell to focus on post-colonial Algeria, Berger noted.

A highlight of the conference will be a free concert by Ferhat, the famous Berber singer-songwriter, at 8 p.m. on Saturday, Oct. 5, in Barnes Hall. A co-founder of the Movement for Culture and Democracy in Algeria, Ferhat holds a Ph.D. in political science and currently is writing his autobiography at his home in France.

In addition, on Thursday, Oct. 3, from 4:30 to 7 p.m., Cornell Cinema will present screenings of two films in Willard Straight Theatre with discussions by the Franco-Algerian filmmaker Jean-Pierre Lledo. The films,

'Algeria is the site of a double terrorism: the terrorism of the so-called Islamic fundamentalists — whose first targets are women of all classes, artists, journalists and intellectuals . . . — and the terrorism of a corrupt military regime.'

— Anne Berger

Chroniques algériennes (1993) and *L'Oasis de la Belle de Mai* (1996), are in French but may be accompanied by informal English translation.

Thursday and Friday afternoons, from 1:30 to 4:30 p.m., will feature lectures in the Guerlac Room of the A.D. White House — some in English, others in French with English translation — by Ferhat and anthropologists Bénamar

Médiene and Tassadit Yacine. Friday evening will feature addresses in Baker Hall Room 200 from 4:30 to 6:30 p.m. by Hélène Cixous, a writer and professor of literature, and Jacques Derrida, one of the most renowned philosophers living in Europe.

Saturday morning, starting at 9:15, historian Lucette Valensi, Francophone literature Professor Hafid Gafaiti and writer Rachid Boudjedra will discuss the interrelationship of literature, language and power in Algeria in Goldwin Smith Hall Amphitheater D; that afternoon, starting at 2:30, a roundtable discussion in the same location will include all conference speakers, with informal translations in French and English.

The conference is being co-sponsored by the Dean's Office of the College of Arts and Sciences, Society for the Humanities, Council for the Arts, Rose Goldsen Fund and several other departments and organizations.

For more information about the conference, call Anne Berger at 255-1380 or send e-mail to her at <ac64@cornell.edu>.

University procedures set for addressing sexual harassment complaints

By Jacquie Powers

Cornell has adopted new, universitywide procedures for responding to complaints of sexual harassment that are under the direction of the Office of Equal Opportunity (OEO).

The new procedures, which went into effect July 8, replace several different policies, some formal and some informal, that were being used in various colleges and units at Cornell. Full text of the new procedures is available electronically at <http://www.univco.cornell.edu/policy/SH.html>.

"These new procedures further the university's commitment to equal opportunity and meet legal mandates to provide an educational and working environment that is free from sexual harassment. They state clearly what conduct is prohibited and outline ways within the institution to address these problems," said Valerie Hayes, director of the Office of Equal Opportunity. "All of us have a right to study and work in an environment free of harassment, including sexual harassment. These new procedures will help ensure that all complaints of sexual harassment will be taken seriously and treated appropriately."

Hayes said that any student, faculty member or staff employee who believes she or he is being harassed sexually should take direct action if at all possible under the specific circumstances. First, Hayes said, say "no" to the harasser, pointing out the behavior you feel is inappropriate or objectionable.

If the harassing behavior doesn't stop, write a letter to the harasser describing the offensive behavior and why you object to it. State that you want the harassment to stop. Keep a copy of the letter. Also keep a record of all that happened, including the date, time, place, names of people involved and of witnesses, and who said what to whom.

If direct action fails to halt the conduct, or if circumstances make direct confrontation unwise or difficult, you should seek advice from OEO, 234 Day Hall, 255-3976/255-7665 TDD (telecommunications device for the deaf); the Office of the University Ombudsman, 118 Stimson Hall, 255-4321; or the designated harassment adviser for your college or unit. The advisers are being identified now and will be listed online by mid-October at <http://www.cornell.edu/Admin/OEOHARAD.html> and at OEO. Posters also will be placed on bulletin boards in colleges and units.

You should seek advice from the offices and advisers mentioned above even if you are not sure whether the conduct qualifies as sexual harassment, Hayes said, as these representatives can provide important information on resources available and on appropriate offices to contact



Hayes

'These new procedures further the university's commitment to equal opportunity and meet legal mandates to provide an educational and working environment that is free from sexual harassment.'

— Valerie Hayes

for assistance.

Under the new procedures, OEO has the exclusive responsibility of accepting and processing discrimination complaints, including charges of sexual harassment, against faculty and staff. The Office of the Judicial Administrator hears complaints against students. Efforts will be made to resolve complaints, through informal intervention, mediation or investigation, impartially and in as prompt and confidential a manner as possible, under the new procedures.

The new procedures initially were drafted by Provost Don M. Randel and University Counsel James J. Mingle in November 1995 at the request of President Hunter Rawlings. They subsequently were reviewed, revised and discussed widely on campus by students, faculty and staff. The final version reflects the widespread consultation and advice of campus individuals and groups, including the Faculty Senate and the Board of Trustees, Rawlings said.

"I commend Provost Randel and Counsel Mingle for the strong leadership they have shown in drafting these new universitywide procedures and for working in concert with the many campus groups and individuals concerned about this serious issue," Rawlings said in July. "I'd also like to thank each and every member of the campus community who contributed to this effort. The formulation of these new procedures is an example of a truly collegial effort that will help to ensure a better campus environment for all."

Rawlings directed that a single universitywide set of procedures be drafted regarding the reporting and resolution of sexual harassment complaints on campus to provide campuswide access to a single set of carefully thought out, fair and impartial procedures. The goal was to avoid duplication of effort, overlapping jurisdiction and potentially inconsistent results.

The procedures define sexual harassment as: "Unwelcome sexual advances, requests for sexual favors, or other verbal or physical conduct or written communication of a sexual nature . . . when:

"(1) submission to such conduct is made either explicitly or implicitly a term or condition of employment or academic standing; or

"(2) submission to or rejection of such conduct is used as the basis for employment or academic decisions affecting such individual; or

"(3) such conduct has the purpose or effect of unreasonably interfering with an individual's work, academic performance, or participation in extracurricular activities or creating an intimidating, hostile, or offensive working or learning environment."

The new procedures provide for an investigation conducted by trained professionals in OEO. They also provide for a statute of limitations on complaints. Generally, complaints are to be filed within a year after the last act occurred.

Charged parties will be apprised of the details of the complaint, have a fair opportunity to rebut the allegations and tell their side of the story and to contest corrective actions. The investigative process and subsequent grievance and adjudicatory process are designed to ensure that the process is fair and thorough.

In addition, the new procedures eliminate the "locked file," which had been part of the former procedures in the College of Arts and Sciences. This controversial feature had allowed individuals to file a confidential complaint that they preferred not to pursue at that time. Complaints placed in the "locked file" were not disclosed to the persons charged unless and until they were used in any future investigation of charges against the same person, without regard to a statute of limitations, to establish a pattern of behavior.

Other key elements of the new universitywide procedures provide that:

- The complaining and charged parties have recourse to mediation as a viable alternative to the complaint investigation process. The mediation feature is especially encouraged for relatively minor offenses and possible misunderstandings.

- Faculty be involved (early and directly) in the investigative process and in the subsequent adjudicatory process where a faculty member is the charged party and the allegations implicate the student-faculty academic relationship. This is accomplished by providing a faculty co-investigator and recourse to hearings in contested cases.

- Existing grievance/adjudicatory procedures are incorporated into the new universitywide procedures.

- The appropriate university officials with trustee or delegated presidential authority for personnel matters are responsible for making the ultimate judgment regarding the sufficiency of the factual findings and imposition of appropriate corrective actions. The procedures, which provide for deferred decisions in certain contested cases, vest deans and vice presidents with final decision-making authority.

- The interests of the complaining party, the charged party and the university are recognized and balanced. Substantial procedural protections are incorporated, with the scope and formality of the proceedings geared to the seriousness of the offense and the severity of the potential sanction.

Incineration foe argues for alternate approaches

By Roger Segelken

Calling incineration a "complete mismatch of solution with problem," a St. Lawrence University chemist on Sept. 17 suggested waste audits, recycling and alternative treatments in the College of Veterinary Medicine to avoid building an up-graded medical waste incinerator.

"I have confidence now that Cornell officials are becoming more open to public concerns," Paul Connett commented after his Goldwin Smith Hall speech, "Dangers of Medical Waste Incineration."

The SLU chemistry professor had been billed as an internationally recognized dioxin researcher and medical waste incineration expert by his sponsors, the Cornell Greens, Citizens Concerned about Medical Waste Incineration, Ithaca Breast Cancer Alliance and the Center for Religion, Ethics and Social Policy. That same day he also spoke at a downtown press conference and at St. Paul's United Methodist Church on "Science and Politics of Medical Waste Incineration."

The visiting speaker gave his mostly student audience at Cornell a crash course in the chemistry of dioxin production from burning chlorine-based plastics as well as industrial processes, adding: "Today, organochlorine molecules contaminate even the



Paul Connett, St. Lawrence University chemistry professor, makes a point during his Goldwin Smith Hall speech Sept. 17.

most remote parts of the planet."

The goal of treating infectious medical waste is to "zap bugs," Connett said, but incineration adds "a whole set of formidable chemical problems," he said, pointing to acid gases, airborne toxic metals and toxic ash, as well as dioxin.

"With incineration," he said, "you have to capture materials that are generated by your solution, not the original target."

As alternatives to incineration of medi-

cal waste, Connett suggested steam sterilization, treatment with disinfectant chemicals, microwaving, sodium hydroxide treatment or anaerobic digestion. "All these technologies are available today," Connett said, "and guess what? They are cheaper than on-site medical waste incineration."

Veterinary laboratories and clinics that use throw-away plastics should conduct waste audits and continue using only plastics that cannot be replaced by reusable

glass or stainless steel implements, the chemist advised. Reusable implements not only are less expensive in the long run, but create jobs (to wash them) in Ithaca, rather than in a distant plastics factory, Connett said.

The issue of medical waste incineration "goes beyond the science and technology," Connett said. "It goes to how citizens are involved in the democratic process. Please participate."

CORNELL RESEARCH

Experiments describe how crickets tell love songs from bat sounds

By Roger Segelken

Humans and other "higher" animals aren't so special when it comes to making life-or-death decisions in an instant, a Cornell study of insect hearing has found. Even the lowly cricket employs a sophisticated capability, called categorical perception, when its life (or love life) is at stake.

"Crickets — and probably many other types of animals — have found a simple way to build a system that responds quickly," said Robert A. Wytenbach, the Cornell postgraduate associate of neurobiology and behavior who gave crickets a perception test originally developed for human infants. "Crickets have to make a yes-or-no decision in a hurry, and ones that waffle become bat bait."

For a cricket flying through the night air, life is a sound spectrum-filling cacophony, Wytenbach said, but only two sound sources really matter: other crickets, calling at 4 to 5 kHz (the familiar chirping that is just above the highest note on the piano), and insect-eating bats, emitting ultrasound that helps echolocate their prey at 25 to 80 kHz. (Humans with good hearing can detect sounds up to 20 kHz.)

Steering toward the low-frequency cricket sound might help the flier find a mate, or at least the company of other crickets. However, failing to steer away from bats' ultrasound could cost the cricket not only its life but its place in the gene pool, explained Ronald R. Hoy, the Cornell professor of neurobiology and behavior whose laboratory conducted the experiments. Researchers led by Hoy reported in 1978 that crickets can detect bats' ultrasound and take evasive action, but those flight studies never answered the question: What is the cut-off line between "good" sounds and "bad," and how does the insect decide?

The study is reported in the journal *Science* (Sept. 13, 1996), in a report by Wytenbach, Hoy and Michael L. May, a former Cornell graduate student, "Categorical Perception of Sound Frequency by Crickets."

The Cornell biologists set up a cricket flight chamber, wired for sound, computerized data-gathering and a built-in breeze from a fan, to make the cricket think it was flying while tethered in midair. "We weren't looking for the so-called continuous perception," Wytenbach said, explaining that continuous perception allows human color vision to discriminate hundreds of variations between "blue" and "green," even though humans cannot precisely label each



A Polynesian field cricket (behind magnifying lens) is prepared for flight chamber studies by postdoctoral researcher Robert Wytenbach, who has shown how flying insects decide which way to steer.

'Crickets have to make a yes-or-no decision in a hurry, and ones that waffle become bat bait.'

— Robert A. Wytenbach

bluish-sort-of-green color.

"A more useful ability in some situations is our ability to tell the difference between sounds like 'ba' and 'pa,'" Wytenbach noted. "Even though there is a continuum of variation between 'ba' and 'pa' based on voice onset time or VOT, which instruments can detect, our ears don't discriminate. We hear either 'ba' or 'pa' and that's how we label it. That is categorical perception, and it looked like crickets might categorically perceive sounds as either 'other crickets' or 'bats.'"

Categorical perception previously had been shown at other laboratories in monkeys, chinchillas and some species of birds, Wytenbach knew, but getting crickets to explain how they make up their minds would be tricky. His flight chamber experiments were showing that play-

back sounds mimicking cricket calls made the tethered insects "fly" toward the speaker. And sounds in the bat's ultrasound range made the crickets veer away from the speaker. Still, he couldn't very well ask the crickets: "Do 20 kHz and 40 kHz sound the same or different?"

So the neurobiologists turned to a test suggested by Cornell psychology Professor Elizabeth Spelke for another category of notoriously uncooperative research subjects, human babies. Spelke's habituation-dishabituation test determines precisely what stimulus level is "different enough" to get a subject's attention when it has grown accustomed to (or habituated to) repeated stimuli. Babies respond less and less when they hear "pa" repeated over and over; they pay attention again when the experimenter throws in a

dishabituating "ba."

Repeated stimulation at 20kHz habituated Wytenbach's crickets, and each time they steered less and less vigorously from the speaker. (In the real world, that habituated response would have pleased the bats.) Next, the neurobiologist tried to get the crickets' attention and dishabituate them back to normal behavior by playing a variety of sounds. Sounds between 5 and 16 kHz were different enough (from 20 kHz) to change the insects' behavior, he demonstrated, and 16kHz was the dividing line. He showed that crickets label sounds above 16kHz as "foe" and those below as "friend," and that they are capable of categorical perception.

Does this mean that crickets, with just a couple hundred thousand neurons in their brains, are as intelligent as humans, with billions of neurons? "No, of course not," Hoy said. "It does say that all of us animals have to solve many of the same problems. Some with many fewer brain cells have come up with a comparable, workable solution. We may now expect to find categorical perception in many different systems, between insects and humans."

Teaching spaces are enhanced to allow for technology in instruction

Dozens of "teaching spaces" — classrooms, labs, studios and other areas where teaching and learning occur — were identified for technological enhancement this summer in a proposal process administered by the Faculty Advisory Board on Information Technologies (FABIT). University resources were allocated in response to FABIT's recommendation to "improve and enhance classrooms, labs and studios as the primary location and resource for expanded education and imaginative learning." Departments and colleges provided matching funds.

Eleven faculty projects from six colleges were implemented. Teaching spaces supporting physics, hotel administration, human service studies, modern languages and math — to name just a few examples — have been enhanced to accommodate the use of technology in instruction, as recommended by faculty. The College of Agriculture and

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Life Sciences is implementing a project in which video-conferencing technology will create a link between the Ithaca campus and the Geneva Agricultural Experiment Station. This will allow interaction in instruction between both sites as well as interaction with other land grant institutions, such as Penn State and Rutgers.

Once again, FABIT is seeking new projects that support creative approaches to learning. Faculty members have already received the Request for Proposals (due Oct. 18, 1996, for implementation next summer) and should contact Tom Every, <tje4@cornell.edu>, 254-2821,

classroom technologies specialist for Academic Technology Services (ATS), a division of Cornell Information Technologies, to arrange for a consultation about the new classroom technologies or the proposal process itself.

Project 2000 Update

On Aug. 20, 1996, Project 2000's Human Resources (HR)/Payroll Implementation Team moved from the planning stages to its first activity in the implementation of the new PeopleSoft HR/Payroll System. This activity, called fit-and-gap analysis, compares the functionality of the PeopleSoft system with Cornell's current system and envisioned business processes for the future.

Approximately 100 people from across campus will be involved in this comparison over the next four months, looking comprehensively at the entire HR/payroll package.

Additionally, they will be attempting to standardize and appraise the following payroll and human resource areas: appointments; pay factor; time collection; labor distribution; benefit enrollment; and position management.

For further information on the fit-and-gap process, contact Diane Downing, unit/college liaison for the HR/Payroll Implementation Team, at 255-7947 or <dcd1@cornell.edu>.

For more information on Project 2000, visit the Project 2000 Web site at <<http://www.cornell.edu/p2k/p2k.html>>.

This column is compiled and edited by Daisy Dailey of CIT. For more technology news, including feature articles, news briefs, links to other news sites and more, visit the CIT News@cornell.edu Web site at <<http://www.cit.cornell.edu/cit-pubs/news/>>.

Shops' project provides a customer's eye view and new training room

By Peggy Haine

How can people across campus who don't work at desks keep informed and connected in this age of electronic communications? How do they keep up with rapid changes in technology that affect the way they work?

Not very well. Not until now, anyway. But thanks to some enterprising volunteers who work in the Cornell shops, things have started to change.

It all began when Jake Benninger, trades supervisor of Cornell's electrical shop, asked the men and women who work in the shops what facets of work life needed improvement. "Training!" was the most universal response.

Benninger assembled a team of Cornell Planning, Design and Construction (PDC) people — Dale Aumick and Steve Babcock (Electric Shop), Chet Bennett (Sheetmetal Shop), Pat Haskell (Refrigeration Shop), Mike Hingston (Carpenter Shop), Bob Houck (Campus Life Shop), Jim Humble (Paint Shop), Jim O'Brien (Control Shop), José Rolon (Pipe Shop) and Frank Tagliavento (Mason Shop) — to examine the issue. In a roomful of doers, it did not take long for an answer to emerge. They would build themselves a training facility.

With the help of PDC Project Coordinator Art Stern and Jackie Fenton, assistant to PDC Director Steve Wright, members of the team provided ideas, design documents, a work plan and permits. Cornell supplied space and materials. Several trade unions came through with volunteer labor from their apprenticeship programs.

And a year after they hatched the idea, 10 of them gathered with some of their co-workers at lunch time on Sept. 18 to dedicate a bright new two-room unit. There is a classroom that can host as many as 25 people for information and training sessions in the use of latest trades technologies; and there's a computer room where every Cornell trades person can log on to Employee Essentials, e-mail, the Internet — the online world.

For those involved, the process provided a double gift: a training and computer facility all can use and valuable insight into a side of their work many tradespeople usually do not get to see — the customer's side of the job.

"The team members really gained an important perspective about being the 'owner's reps.' We learned how painful it can be to make these things happen," said painter Jim Humble, speaking of the work required to locate a site, draw up plans, get the plans approved, obtain the necessary permits — before the first crowbar, hammer, wire snips or paintbrush could be lifted.

"We started out from day one with a map of the building,



Charles Harrington/University Photography

Keith Boncek, manager of Computing Resources, right, talks about Bear Access in the new training room of the Humphreys Service Building. Listening, from left, are: Bob Houck, assistant foreman of the Multi-Trade shop; Jim O'Brien, Control Shop mechanic; Pat Haskell, Refrigeration Shop mechanic; and Jeff Morse, consultant/adviser with Computing Resources.

'Strong teamwork is a very important part of providing outstanding service to our Cornell customers, and this project team's success is a great example of our people doing it right.'

— Roxi Bahar

looking for a space for this facility. We learned to see the process, solve problems, get a feeling for the customer's side of the job," noted electrician Dale Aumick.

What does it mean for the continued success of the shops? Refrigeration mechanic Pat Haskell said, "It's a new start on training. It's a wonderful experience for all the shops to come together. Training's important for the future of the shops. We can keep up with all the new stuff that's coming out. We can stay ahead of it. And now the shops people can learn from each other."

The volunteers are especially proud of the suite's comfortable furnishings, its welcoming acoustics, its rheostat lighting, pull-down screen, built-in shelving and workspace, and computers. Said Jim O'Brien of the Control Shop, "We've got a good place to have shop meetings and training meetings. It's a nice atmosphere and a good usable space."

Said Shops Director Bruce Bush, "This is a showroom, a way for us to show prospective customers the caliber of work we do. The lighting is good. The air control works well. The finish work is superb. The state of the art paint job hides what used to be a terrible-looking wall. Having this work to show makes us more competitive."

Roxi Bahar, director of administration for Facilities and Campus Services, commended the team for their hard work and patience. "Strong teamwork is a very important part of providing outstanding service to our Cornell customers and this project team's success is a great example of our people doing it right," she said.

Said Benninger, "There is nothing I have done in my 25 years at Cornell that was as much fun as working with this team and watching them work together."

Policy expert to discuss China, Hong Kong and Taiwan

By Jill Goetz

Byron S.J. Weng, professor of government and public administration at the Chinese University of Hong Kong and member of the Mainland Affairs Council, Executive Yuan — which guides Taiwan's policy toward mainland China — will deliver three Messenger Lectures on campus this fall.

The theme of the lectures is "China's 'One Country, Two Systems' Policy and Its Implications for Sino-American Relations." All lectures are free and open to the public.

The lectures are:

- Mon., Sept. 30, "One Country, Two Systems" and the Hong Kong 1997 Transition," 4:30 p.m., Room 700, Clark Hall;

- Wed., Oct. 2, "Between Beijing and Taipei: Politics of a Divided Nation," 4:30 p.m., Room 165, McGraw Hall; and

- Thurs., Oct. 3, "Sino-American Relations and the Question of Taiwan," 4:30 p.m., Room 165, McGraw Hall.

In the first lecture, where he'll be introduced by Cornell President Hunter Rawlings, Weng will provide a critical analysis of the Beijing proposition to have two contradictory systems of governance in one country. "One country, two systems" refers to Beijing's policy for national unification involving the three territories of Taiwan, Hong Kong and Macau," Weng said recently from his Hong Kong office. "Beijing already has decided that Hong Kong will practice capitalism for 50 years after July 1, 1997, while the mainland will continue to practice socialism. On the surface, the 'one country, two systems' policy simply means that for a period of time, one or all of the three territories will have autonomy, and each will prac-

tice a system different from that of China as a whole. Deep down, it is seen as a strategy to subjugate the governments and peoples of the territories concerned."

In his Oct. 2 lecture, Weng will turn to Beijing's Taiwan policy and Taipei's mainland policy since 1979 and will consider these policies from an international perspective. The following day he'll examine Sino-American relations since 1979 and will take a new look at Taiwan in the post-Cold War era, with particular attention to U.S. policy options. He also will address these topics at informal gatherings with Cornell students and faculty.

Weng is uniquely positioned to make these presentations, having served as a consultant to leaders in both Hong Kong and Taiwan. He was a member of the Hong Kong Law Reform Commission from 1985 through 1991 and a part-time member of the Hong Kong government's Central Policy Unit from 1992 to 1994. He frequently gives lectures to high-level personnel of the Civil Service Training Centre and Judicial Studies Board of the Hong Kong Supreme Court.

On Taiwan he has been a member of the Mainland Affairs Council since 1993. In 1994 he helped the council produce the initial draft of the Hong Kong-Macau Relations Act, and in March 1995 he was appointed a research member of the National Unification Council by Taiwan President and Cornell alumnus Lee Teng-hui.

The editor or co-editor of seven books and author of over 100 articles, Weng received his master's and doctoral degrees in political science at the University of Wisconsin-Madison and his law degree from National Taiwan University. He has served

as vice president of the Law Teachers Association of Hong Kong and president of the International Law Association, Hong Kong branch, and is currently secretary of the Chinese Law Programme for the Hong Kong Institute for Asia-Pacific Studies at the Chinese University of Hong Kong.

Lee C. Lee, a Cornell professor of developmental psychology and of Asian studies, met Weng when she was a Fulbright professor in Hong Kong.

"Having lived and taught in Hong Kong since the mid-1970s — observing first-hand the process of political change — he is perhaps the most experienced observer of East-West encounters and also the most insightful," Lee added, noting that Weng has been widely quoted in such publications as *Time*, *Business Week* and the *Asian Wall Street Journal*.

Weng summarized the points he will make at his Cornell lectures this way: "One, that the 'one country, two systems' policy is a new challenge for both theoreticians and practitioners of constitutional law and international law; two, that the concept of sovereignty and the international system based on that concept need to be changed in order to adequately address the question of divided nations; and three, that academics and policy-makers alike should beware that the U.S. policy toward China, Taiwan and Hong Kong will have a significant impact on the future development of the international system."

The Messenger Lectures were established in 1924 by a gift from Hiram Messenger, who graduated from Cornell in 1880, with the intent to raise the moral standards of political, business and social life. Weng's lectures at Cornell are being co-sponsored by the Cornell Law School and the East Asia Program.

OAS secretary-general to visit

César Gaviria, president of Colombia from 1990 to 1994 and secretary-general of the Organization of American States (OAS) since September 1994, will deliver a public lecture on Tuesday, Oct. 1, on campus.

Gaviria's visit to Cornell is sponsored by the Johnson Graduate School of Management and its Latin American Business Association, the Latin American Studies Program, the Colombian Student Association and the International Business Association.

Gaviria will present "Integrating the Americas: Opportunities and Challenges" at 4 p.m. in the David L. Call Alumni Auditorium of Kennedy Hall.

He will discuss the OAS' involvement in the promotion of inter-American trade cooperation. By the year 2005, the OAS hopes to establish the Free Trade Area of the Americas, which would facilitate the economic integration of the Western Hemisphere through the elimination of trade and investment barriers.

Gaviria also will lead a public seminar, "Consolidation of Democracy in Latin America: Issues and Prospects," at 12:15 p.m. in Room G-08 of Uris Hall.

During his term as president of Colombia, Gaviria promoted constitutional reform and oversaw the dismantling of the Medellín drug cartel. He left the presidency in 1994 with a popularity rating of close to 70 percent.

Professorship honors noted labor leader

The School of Industrial and Labor Relations (ILR) has established the Jack Sheinkman Chair of Collective Bargaining in honor of the former president of the Amalgamated Clothing and Textile Workers Union (ACTWU). Sheinkman will visit campus Monday, Sept. 30, to meet with faculty and students.



Sheinkman

Sheinkman, who earned a bachelor's degree from the ILR School in 1949 and a juris doctorate from the Cornell Law School in 1952, was elected president emeritus of ACTWU last year after having served as secretary-treasurer and co-chief executive officer of the union. The merger last year of ACTWU with the International Ladies Garment Workers Union created a new organization called the Union of Needle Trades and Industrial Textile Workers (UNITE).

Professor Harry Katz, respected as one of the most distinguished scholars in the field of collective bargaining, will hold the Jack Sheinkman Chair of Collective Bargaining.

While on campus Sept. 30, Sheinkman will be honored at a luncheon at the Statler Hotel. At 4 p.m. that day Katz will deliver a public lecture, "The Growing World-Wide Variation in Employment Relations," in the Yale-Princeton Room of the Statler Hotel.

"The School of Industrial and Labor Relations is privileged and honored to have the Sheinkman Chair and recognize the lifetime achievements of this important individual," said David B. Lipsky, ILR School dean.

In addition to his ACTWU responsibilities, Sheinkman serves as chairman of the Amalgamated Bank of New York and the Amalgamated Life Insurance Co. He is vice chairman of the Council on Competitiveness and of the Business Labor Community Coalition of New York City.

Sheinkman was a member of the Cornell Board of Trustees from 1970 to 1988, when he was elected an emeritus member.

Walter Kohn will deliver Bethe Lectures

Walter Kohn, professor of physics emeritus at the University of California at Santa Barbara and winner of the National Medal of Science, will be the Hans A. Bethe Lecturer at Cornell.



Kohn

Kohn will give a free, public lecture, "Shifting Viewpoints in Condensed Matter Physics, 1950-1995," on Wednesday, Oct. 2, at 8 p.m. in Schwartz Auditorium, Rockefeller Hall.

While on campus, Kohn also will deliver these talks:

- A physics colloquium, "Density Functional Theory of Electronic Structure in Physics and Chemistry," Monday, Sept. 30, at 4:30 p.m. in Schwartz Auditorium.

- A condensed matter theory seminar, "Edge Electronic Structure, The Airy Gas," on Thursday, Oct. 10, at 1:15 p.m. in 701 Clark Hall.

Kohn, a UCSB faculty member since 1979, is a theoretical physicist with expertise in condensed matter, or solid-state physics, and is credited with many contributions to the theory of the electronic structure of solids.

From 1979 through 1984, Kohn was director of UCSB's Institute for Theoretical Physics. A member of the National Academy of Sciences since 1969, he was awarded the National Medal of Science from President Ronald Reagan in 1988.

Homecoming snapshots



John Muckey/University Photography
Joining the Big Red Bear in the Agriculture and Life Sciences tailgate tent before Saturday's football game are, from left, Jim Blackwood '53, Ann Louise Mann, Bob Mann '53 and Sandy Blackwood.



John Muckey/University Photography
Carol True Palmer, associate director of special gifts, goes over a map of campus Saturday with, from right, Don Taylor '54 and Dick Elliot '54.



Adriana Rovers/University Photography
Cornell authors participating in a Homecoming group book-signing at the Campus Store Friday are, from left, Edward Hardy, MFA alumnus, with his book *Geyser Life*; Marcelle Lapow Toor, lecturer in communications, with her book *Graphic Design on the Desktop*; and Robert Frank, the Goldwin Smith Professor of Economics, Ethics and Public Policy, with his book *The Winner Take-All Society*.

Ithaca-area Alumni Association kicks off new year

It was standing room only in the viewing room at Cornell Plantations, Sunday afternoon, Sept. 15, as Cornell Alumni Association of the Ithaca Area members saw a video of the history of the Plantations, then took a short tour guided by Plantations Director Donald Rakow. A wine-and-cheese social hour followed to close the successful, first-monthly event of the 1996-97 year.

There are 5,000 alumni who live and/or work in the Ithaca area and are eligible to be in the organization that keeps them connected to the campus. Program Vice President Fred Antil '55 and his committee have arranged an eclectic calendar of events for the year:

- Oct. 17: International Spirit of Zinck's night at Ruloffs.

- Oct. 19: Tailgate party at the Colgate football game.

- Nov. 7: John Hopcroft, dean of the College of Engineering, will give an illustrated talk about the socioeconomic value of Antarctica to the United States.

- Dec. 15: President Emeritus Frank H.T. Rhodes will read Dylan Thomas' "A Child's Christmas in Wales" at a family party.

- Jan. 18: A buffet supper and men's and women's basketball double header against Columbia.

- Feb. 20: A tour and talk at the Wilson Synchrotron.

- March 18: The third annual astronomy lecture from Prof. Philip Nicholson.

- April brings a theater and dessert

SOUNDBITES

Here is a sampling of quotations from Cornell faculty and staff that have appeared recently in the national news media:

"The public would probably be willing to pay a little extra at a Broadway theatre with more bathroom stalls for women, but we can't readily vote with our dollars because we don't have that information when we buy tickets."

— Robert Frank, the Goldwin Smith Professor of Economics, Ethics and Public Policy, quoted in the *New York Times Magazine*, Sept. 8

"Americans have always wanted to know what it means to be American. If one goes to the Smithsonian, they can get a picture of what it means to be an American."

— Michael Kammen, the Newton C. Farr Professor of American History and Culture, quoted in an article about the 150th anniversary of the Smithsonian Institution in the *Boston Globe*, Aug. 10.

"Buddhism has moved beyond being the exotic kid on the block to being normative."

— Jane Marie Law, assistant professor in Asian Studies, quoted in the *Boston Globe*, Sept. 1.

"These new findings are interesting, but they build on previous work pointing to an innate basis for musical perception." For instance, Krumhansl and Peter W. Jusczyk of State University of New York at Buffalo have found that by the age of 4 1/2 months, babies listen longer to Mozart minuets that have short pauses inserted between phrases, which musicians treat as "natural" segments of the musical flow, than to the same minuets with pauses placed in the middle of phrases.

— From *Science News*, Sept. 7, Carol L. Krumhansl, professor of psychology, quoted and cited on studies about infants' perceptions of music.

"We know of no astrophysical process that could account for the narrow-band candidate signals META has recorded," [Harvard astronomer Paul] Horowitz and Sagan wrote, "and we have been unable to find any correlation of source positions with unusual astrophysical objects." Was it ET? As Sagan often chides, "Extraordinary claims require extraordinary evidence," and extraterrestrial intelligent life is no modest claim.

— From *Science News*, Sept. 7, on a paper co-authored by Carl Sagan, the David Duncan Professor of Astronomy and Space Sciences, on the search for signals from extraterrestrial intelligent beings.

party at the Center for Theatre Arts.

- Finally, in May, a picnic welcoming the high school students of the area who have been accepted to Cornell.

A new slate of officers for the Ithaca association will be on hand to greet members at the events. They include: M. Dan Morris '44, '76, president; Fred Antil '55 and John Beresny '93, vice presidents; John Bailey '87, treasurer; Steve Magacs '79, secretary; the directors are Gene Arnold MBA '66, Rayne Butler '96, Jim Byrnes MBA '64, Mary Ellen Cummings '61, Rip Haley '51, Rustin Howard MBA '89, Karen Hurlbut '86, Jane Lawrence '38, Scott Malaga '89, Joe Minogue '45, and Allison Doney Riley '84.

For questions about the association, call John Beresny at 257-6372.

CALENDAR

from page 12

Law School

"U.N. Decision-Making," Larry Johnson, Office of the Legal Counsel of the United Nations, Sept. 27, 10 a.m., 285 Myron Taylor Hall.

Messenger Lectures

Byron Weng, professor of government and public administration at The Chinese University of Hong Kong, will give the following lectures:

"One Country, Two Systems" and the Hong Kong Transition," Sept. 30, 4:30 p.m., 700 Clark Hall.

"Between Beijing and Taipei, Politics of a Divided Nation," Oct. 2, 4:30 p.m., 165 McGraw Hall.

"Sino-American Relations and the Question of Taiwan," Oct. 3, 4:30 p.m., 165 McGraw Hall.

Physics

James Becker Lecture: "Science in the Public Interest: Changing Ideas of Accountability," Judy Franz '59, executive officer, American Physical Society, Oct. 2, 4:30 p.m., Schwartz Auditorium, Rockefeller Hall.

Bethe Lectures: Walter Kohn of the University of California at Santa Barbara will give the following lectures: "Density Functional Theory of Electronic Structure in Physics and Chemistry," a physics colloquium, Sept. 30, 4:30 p.m., Schwartz Auditorium, Rockefeller Hall; "Shifting Viewpoints in Condensed Matter Physics, 1950-1995, a Personal Selection," public lecture, Oct. 2, 8 p.m., Schwartz Auditorium, Rockefeller Hall; and "Edge Electronic Structure, the Airy Gas," a condensed matter theory seminar, Oct. 10, 1:15 p.m., 701 Clark Hall.

Plantations

"Wildflowers: Catching the Light," Jerry Pedini, retired science teacher and amateur photographer, Chenango Forks, N.Y., Sept. 26, 7:30 p.m., 404 Plant Science Building.

"Courting the Seed: Heirlooms, Hybrids, Variety Trials and Seed Companies," Wendy Krupnick, Shepherd Seeds, Felton, Calif., Oct. 3, 7:30 p.m., 404 Plant Science Building.

Southeast Asia Program

"Economic Revival in the Sultanate of Banten (West Java) in the Second Half of the 19th Century: Facts and Reasons," Claude Guillot, Centre National de la Recherche Scientifique, Paris, Sept. 26, 12:15 p.m., Kahin Center, 640 Stewart Ave.

"The Role of Environmental NGOs in Shaping Malaysian Environmental Policy," Jamal Abdullah, Ph.D. candidate, city and regional planning, Oct. 3, 12:15 p.m., Kahin Center, 640 Stewart Ave.

A.D. White Professors-at-Large

"Family Values: The Child Support Act in Britain," Juliet Mitchell will lead this Women's Studies Program brown-bag seminar, Sept. 26, noon, A.D. White House.

Women's Studies Program

"A Social History of Acne: Adolescent Girls and the Pursuit of Perfect Skin," Joan Jacobs Brumberg, human development and family studies and Women's Studies Program, Sept. 27, 2 p.m., ILR Faculty Lounge, 280 Ives Hall.

music

Department of Music

Sept. 28, 8:15 p.m., Barnes Hall: Guest soprano Ilse Zahn-Wienands joins the Cornell Contemporary Directions Ensemble, directed by Mark Scatterday, and pianist Malcolm Bilson to perform works by Harrison Birtwistle, Karel Husa, Violeta Dinescu and Ottorino Respighi. See story at right.

Sept. 29, 1 p.m., Barnes Hall: Ilse Zahn-Wienands will present a vocal master class for the voice students of Judith Kellock.

Bound for Glory

Sept. 29: Pete Nelson will perform. The show runs Sunday nights from 8 to 11 p.m., with live sets at 8:30, 9:30 and 10:30 p.m. in the Cafe at Anabel Taylor Hall. Admission is free and is open to everyone. Kids are welcome, and refreshments are available. Bound for Glory, North America's longest running live folk concert broadcast, can be heard on WVBR-FM, 93.5 and 105.5.

religion

Sage Chapel

The Rev. Robert L. Johnson, director of Cornell United Religious Work, will give the sermon Sept. 29 at 11 a.m.

Johnson Museum of Art exhibition this fall showcases mythical women

This fall the Herbert F. Johnson Museum showcases mythical women in *The Power of Women in Renaissance and Baroque Prints*. The exhibition, which runs through Dec. 15, includes artists' depictions of the Virgin Mary, Eve, Susanna and the Elders, Venus and Circe.

The exhibition presents Renaissance and Baroque prints of women and examines how these images embodied accepted Renaissance and Baroque values and concepts regarding the role and position of women within those worlds. The Virgin Mary and Eve, the two most prominent women in the Bible, personified the extremes of good and evil in Renaissance ideals of femininity. While the Virgin Mary extolled virtue, chastity, long-suffering and compassion, Eve embodied all that was evil, immoral and sensual.

The prints depict women as virtuous and powerful. Furthermore, all of the images in this exhibition are by male artists, as female printmakers from this period are relatively rare. The creation of these images by men, and often for men, allows us today to examine the Renaissance man's fascination and repulsion of women by the perplexing dualities he projected through his art. The exhibition includes work by Albrecht Dürer, Lucas van Leyden and Marcantonio Raimondi, among others. An exhibition tour will be given Oct. 17 at noon by museum Director Frank Robinson.

Museum hours are Tuesday through Sunday, 10 a.m. to 5 p.m. For more information about this and other exhibits at the museum, call 255-6464.



Albrecht Dürer's "The Fall of Man, from the Small Passion" (1510).

African-American

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

Baha'i Faith

Fridays, 7:30 p.m., Balch Hall Unit 4 Lounge, speakers, open discussion and refreshments. Sunday morning prayers and breakfast, 7 a.m., at alternating locations. For more information, call 272-5320.

Catholic

Weekend Masses: 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: Call the Catholic Office at 255-4228 for an appointment.

Christian Science

Sundays, 10:30 a.m., First Church of Christ Scientist, University Avenue at Cascadilla Park. 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/cso.html>>.

Episcopal (Anglican)

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

Friends (Quakers)

Meeting for worship, Sundays, 10:30 a.m., Hector Meeting House, Perry City Road. Child care and rides provided. For information, call 273-5421.

Jewish

For information about services, call the Hillel Office at 255-4227.

Korean Church

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

Lutheran

Sundays, 9:30 a.m., and Thursdays, 7 p.m., St. Luke Lutheran Church, Oak Ave. at College Ave.

Muslim

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

Protestant

Protestant Cooperative Ministry: Worship, Sundays, 11 a.m., Anabel Taylor Chapel.

seminars

African Development Institute

"African Development: A Contradiction in Terms?" Jonathan Ngate, Romance studies, Sept. 26, 12:20 p.m., 153 Uris Hall.

"The British in Africa: A Historical Overview," Omari Kokole, Binghamton University, Oct. 3, 12:20 p.m., 153 Uris Hall.

Animal Science

"Grass for Dairy Cattle: Forage Quality Perspectives," Debbie Cherney, animal science, Oct. 1, 12:20 p.m., 348 Morrison Hall.

Astronomy & Space Sciences

"An Open Universe," Bharat Ratra, MIT and Kansas State University, Sept. 26, 4:30 p.m., 105 Space Sciences.

Biochemistry

"Signalling by SH2-containing Tyrosine Phosphatases," Ben Neel, Beth Israel Hospital, Boston, Sept. 27, 4 p.m., large conference room, Biotechnology Building.

Bioengineering

"The Critical Role of Chemical and Biological Engineers in Creating a Sustainable Environment," Philip Brodsky, Monsanto Corp., Sept. 27, 4 p.m., 165 Olin Hall.

Boyce Thompson Institute

BTI Distinguished Lecture in the Life Sciences: "Pseudomonas aeruginosa: A Multihost Pathogen of Plants, Nematodes and Mice," Frederick Ausubel, Oct. 2, 3 p.m., Boyce Thompson Auditorium.

Chemical Engineering

"Shear-Induced Migration, Instabilities and Anomalous Rheology of Polymer Solutions," Susan Mueller, University of California, Oct. 1, 4:30 p.m., 165 Olin Hall.

Chemistry

"Biology From Femtoseconds to Microseconds: Time-Resolved IR Studies of Myoglobin and

Bacteriorhodospin," Philip Anfinrud, Harvard University, Sept. 26, 11:15 a.m., 119 Baker.

City & Regional Planning

"Centering the Edge: A New Concept for Metropolitan Areas," John Keene, University of Pennsylvania, Sept. 27, 12:15 p.m., Kaufmann Auditorium, Goldwin Smith Hall.

Ecology & Systematics

"Sexual Conflict in Water Striders and the Evolution of Behavior and Elaborate Morphology," Locke Rowe, University of Toronto, Oct. 2, 4 p.m., A106 Corson Hall.

Education

"Bandwagons, Band-aids and Beliefs: Some Thoughts on the Efficacy of Special Education," Mark Mostert, Moorhead State University, Sept. 30, 4:30 p.m., 345 Warren Hall.

Entomology/Jugatae

"Advanced Elements of Tactical Decision-Making for Management of Insect Pests," Scott Hutchins, DowElanco, Indianapolis, Sept. 26, 4 p.m., A106 Corson Hall.

"Lilies of the Marsh - A New York Enterprise," Chuck Eckenrode, entomology, Geneva, N.Y., Oct. 3, 4 p.m., A106 Corson Hall.

Fruit & Vegetable Science

"Price Variation of Winter Squash at the Northeast Wholesale Markets: A Market Window Approach," Vuvu Manseka, fruit and vegetable science, Sept. 26, 4 p.m., 404 Plant Science Building.

"Structure and Texture of Fruits and Vegetables," Malcolm Bourne, food science and technology, Oct. 3, 4 p.m., 404 Plant Science Building.

Genetics & Development

"Initiation of Meiotic Recombination in Yeast," Michael Lichten, National Cancer Institute, Sept. 30, 4 p.m., large seminar room, Biotechnology Building.

Geological Sciences

"Shocks and Rocks," Jack Oliver, geological sciences, Sept. 26, 4:30 p.m., 1120 Snee Hall.

"The Melting History of the Mantle and the Evolution of Convergent Margins," Dallas Abbott, Columbia University, Oct. 1, 4:30 p.m., 1120 Snee Hall.

Latin American Studies

"Consolidation of Democracy in Latin America: Issues and Prospects," Cesar Gaviria, secretary general of the Organization of American States and former president of Colombia, Oct. 1, 12:15 p.m., G-08 Uris Hall. See also Lectures listing.

Manufacturing

"Global Manufacturing for Pharmaceuticals," Carl Accettura, Hoffmann-La Roche Inc., Oct. 3, 4:30 p.m., 155 Olin Hall.

Neurobiology & Behavior

"Mass Single-File Migrations of Spiny Lobster: Marching on to Sociality," William Herrkind, Florida State University, Sept. 26, 12:30 p.m., A106 Corson Hall.

"The Regulation of Acetylcholine Receptor Degradation at the Mammalian Neuromuscular Junction," Rufeng Xu, thesis defense seminar, Oct. 3, 12:30 p.m., A106 Corson Hall.

Ornithology

"Boogie in the Rainforest," Dave Ross, Lab of Ornithology, Sept. 30, 7:30 p.m., Fuertes Room, Lab of Ornithology, 159 Sapsucker Woods Road.

Peace Studies Program

"Democratic Discourse: Debates About Pluralism, Racism and Citizenship in the United States During World War II," Morton Sosna, foundation relations at Cornell, Sept. 26, 12:15 p.m., G-08 Uris Hall.

"Bones: MIA/POWs and the Politicization of

Continued on page 11

German soprano joins Bilson in Sept. 28 Barnes Hall performance

German-born soprano Ilse Zahn-Wienands joins pianist Malcolm Bilson and the Cornell Contemporary Directions Ensemble for a free concert Saturday, Sept. 28, featuring a program of works by Karel Husa, Harrison Birtwistle and Violeta Dinescu.

The performance will begin at 8:15 p.m. in Barnes Hall. Mark Scatterday will conduct.

Zahn-Wienands performs as a soloist in concert halls, festivals and for radio, both in Germany and abroad, singing contemporary music. Since 1981, Zahn-Wienands has taught voice at the University of Oldenburg



Zahn-Wienands

and Bremen in northern Germany. From 1987 to 1989, she worked extensively with many members of the Bremen Dance Theatre and in 1991 with the Bremen Shakespeare Company. She is a member of the International Council for Women in Music and serves as adviser to the board of the Society for Artists of Germany and Austria.

Zahn-Wienands will perform 12 works including Birtwistle's *Cantata*, which is scored for soprano and an instrumental ensemble of seven, featuring flute (piccolo), clarinet, glockenspiel, piano (celeste), violin, viola, and cello and Husa's *Twelve Moravian Songs*, which was written in 1957 for voice and piano.

The soprano also will perform *Quatrain* by the Bucharest-born Dinescu, one of the most well known female composers in the world. Dinescu is professor of composition at the University of Oldenburg Savio.

CALENDAR

from page 10

Grief," Gail Holst-Warhaft, classics and comparative literature, Oct. 3, 12:15 p.m., G-08 Uris Hall.

Pharmacology

"SH2 Domains and the Library Affinity Selection - Mass Spectrometric Technique," Larry Wennogle, Ciba Pharmaceuticals, Sept. 30, 4:30 p.m., Lecture Hall III, Veterinary Research Tower.

Physiology

"Cytocentrin, RAL GTPases and the Centrosomal Cycle," Andrea Quaroni, physiology, Oct. 1, 4 p.m., Lecture Hall III, Veterinary Research Tower.

Plant Biology

"Cyclic GMP, Calcium and Calmodulin in the Photopolarization of *Pelvetia* Zygotes," Kenneth Robinson, Purdue University, Sept. 27, 11:15 a.m., 404 Plant Science Building.

Plant Pathology

"Comparison of the hrpNC Regions of *E. amylovora* and *E. chrysanthemi*," Ji-Hyun Kim, plant pathology, Ithaca, Oct. 1, 3:30 p.m., Barton Laboratory, Geneva.

"Plant Virology Research at the Scottish Crops Research Institute," Peter Palukaitis, plant pathology and the Scottish Crops Research Institute, Oct. 2, 12:20 p.m., 404 Plant Science Building.

Psychology

TBA, Robert VanGulick, Syracuse University, Sept. 27, 3:30 p.m., 202 Uris Hall.

Science & Technology Studies

"On Yet Another Difference Between Science and Politics, the 'Parliament of Waters' in France," Bruno Latour, Ecole des Mines, Sept. 30, 4:30 p.m., 609 Clark Hall.

"Sur le Culte Moderne des Dieux Faitiches," Bruno Latour, Ecole des Mines, Oct. 1, 4:30 p.m., 609 Clark Hall.

Soil, Crop & Atmospheric Sciences

"Ecophysiological Aspects of Phytochrome Mediated Germination in Soil Seed Banks," R. Gallagher, SCAS, Oct. 1, 3:30 p.m., 135 Emerson Hall.

South Asia Program

"The Urdu Ghazal and Its Place in Indo-Muslim Culture," Carla Petievich, Montclair State University, Sept. 30, 12:15 p.m., G-08 Uris Hall.

Statistics

TBA, Kung-Yee Liang, Johns Hopkins University, Oct. 2, 3:30 p.m., 404 Plant Science Building.

Textiles & Apparel

"Failure Analysis of Astronauts' Gloves: How Did They Get Cut?" Cheryl Gomes, ILC Dover, Sept. 26, 12:20 p.m., 317 Martha Van Rensselaer Hall.

"Carpet Recycling," John Southern, Monsanto, Oct. 3, 12:20 p.m., 317 Martha Van Rensselaer Hall.

Theoretical & Applied Mechanics

"A New Analytical and Experimental Approach to Rubber Thermodynamics," Richard Farris, University of Massachusetts-Amherst, Oct. 2, 4:30 p.m., 140 Bard Hall.

Veterinary Medicine

"Emerging Viruses: Lessons From the Felids," Stephen O'Brien, National Cancer Institute, Sept. 26, 4 p.m., Lecture Hall I, Veterinary Education Center.

symposiums

French Studies Program

A conference on politics and culture in post-colonial Algeria, "Algeria In and Out of French," will be held Oct. 3-5. See story on Page 1 for details.

theater

Department of Theatre, Film & Dance

Moliere's comedy *Tartuffe* will be performed Sept. 26-28 at 8 p.m. and Sept. 29 at 2 p.m. in the Proscenium Theatre of the Center for Theatre Arts. Tickets are \$8 and \$6. Call the box office at 254-ARTS for information and reservations.

The Department of Theatre, Film & Dance will host a panel discussion, called "Talk-Back on *Tartuffe*," immediately following the Sept. 26 performance. It is free and open to the public.

Chad Levitt makes a run at the Big Red record book

By Peter Rattien

In his first three seasons for the Big Red, Chad Levitt has run through the competition as well as the Cornell varsity football record books. The Melrose Park, Pa., native is looking forward to a great 1996 campaign to complement his performance last year. And he's off to a great start.

The Big Red began the season Saturday by topping Princeton in a thrilling, double-overtime Homecoming game 33-27, and Levitt gained 178 rushing yards.

After Cornell completes a three-game road trip with stints at Lafayette, Buffalo and Harvard, it will return home to face Colgate on Oct. 19. This contest will represent the 100th anniversary of this rivalry in which the Big Red owns a 46-30-3 record.

In 1993, Levitt came off the bench in only his fourth game to become the first Cornell freshman football player to run for over 100 yards since the formation of the Ivy League in 1956. He rushed for a career-high three touchdowns and averaged a career-high 8.83 yards per carry on the day. This was only the beginning of a great career at Cornell.

In his sophomore year, Levitt earned a well-deserved spot on the starting squad. He responded more than appropriately to his new role, leading the Ivy League in rushing (1,319 yards), scoring (48 points), and all-purpose running (145.1 average per game). He continued his rushing dominance in his junior season, by once again leading the Ivy League in all three categories. Levitt rushed for 1,428 yards, scored 92 points and averaged 155 yards a game in all-purpose running.

Levitt's mark of 1,428 yards placed him second all-time among single season rushing leaders at Cornell. This feat also set him atop the all-time single season rushing mark for a junior.

The 6-1, 240-pound tailback has gained 3,400 rushing yards in a red and white



Tim McKinney

All-America tailback Chad Levitt runs to daylight in 1995.

sports profile

uniform, placing him second all-time in career rushing yards at Cornell. He must rush for 1,316 yards during the rest of this season to surpass the all time rushing leader, Ed Marinaro, who ran for 4,715 yards in 1969-1971.

Levitt's great numbers and hard work have not gone unrecognized. For two years running, he has been named to the All-Ivy first team. Last season, he was also named to the ECAC first team and ranked sixth in rushing in Division I-AA. He has also received such awards as the *Football News* Ivy League Player of the Year (twice), the Charles Colucci Award and Stone Travel Big Play Award (twice), *Ithaca Journal Male Athlete*

of the Year and Don Hansen's "National Football Gazette" All-America second team.

With his great career at Cornell, the economics major has turned his attention to the National Football League (NFL), where he hopes to make a career. Although hopes of the NFL must remain within reason, Levitt's hard work and determination can only further his chances.

For the past two seasons, he has led the Big Red in rushing and scoring and hopes to carry over his great success to this year. Levitt's importance to the team is evident, and he carried a streak of 20 straight games with 20 or more carries into 1996 and continued that streak with 40 carries against Princeton.

Levitt will be completing a phenomenal run for the Big Red this season. He has posted great numbers, received prestigious awards and impressed his fans on the gridiron. And with a great season, he has a chance to become Cornell's all-time leading rusher.

sports

Men's Cross Country (1-1)

Oct. 5, Sundodger Invitational at Seattle, Wash. The team improved on its eighth-place showing in 1995 to finish second at the Fordham Invitational with 69 points last Saturday.

Women's Cross Country (3-0)

Oct. 5, Sundodger Invitational at Seattle, Wash. The women's cross country team turned in strong performances at the Fordham Invitational in Van Cortlandt Park last weekend as it earned its fourth straight victory at the Invitational with a first-place score of 26.

Field Hockey (2-2, 0-1 Ivy)

Sept. 29, Holy Cross, 1 p.m.
Oct. 1, Syracuse, 7:30 p.m.
The team went 1-1 last week, beating Lehigh (2-1, OT), while losing to Princeton (5-0).

Ltwt. Football (0-1, 0-0 ELFL)

Sept. 27, Princeton, 7:30 p.m.
The lightweight football team began its season with a 12-9 loss at Pennsylvania last weekend.

Varsity Football (1-0, 1-0 Ivy)

Sept. 28, at Lafayette, 1:30 p.m.
The Big Red opened up the 1996 season in exciting fashion by beating Princeton 33-27 in double overtime last Saturday at Schoellkopf Field.

Golf (0-0)

Sept. 28-29, at Dartmouth Invitational
Oct. 3, ECAC Qualifier at Saratoga
The Big Red placed 12th at the Bucknell Invitational last Friday and Saturday in Lewisburg, Pa.

Men's Soccer (3-0, 2-0 Ivy)

Sept. 29, at Bucknell, 4 p.m.
Oct. 2, at Colgate, 4 p.m.
The 16th-ranked Cornell men's soccer team outlasted a defensive-minded Princeton squad 1-0 Friday evening at Robison Alumni Field.

Women's Soccer (1-3, 0-1 Ivy)

Sept. 28, Hartford, 1 p.m.
Oct. 1, Bucknell, 4:30 p.m.
The women split a pair of home contests, losing

to Princeton 2-0 on Saturday and beating St. Bonaventure 4-2 in overtime the following day.

Men's Tennis (0-0)

Sept. 27-29, at Army Invitational

Women's Tennis (0-0)

Oct. 11-13, at William and Mary Tournament

Volleyball (3-5, 0-0 Ivy)

Sept. 28, at Rutgers, 2 p.m.
Sept. 29, at Siena, 4 p.m.
The volleyball team faced some tough competition last weekend at the Texas Christian University Invitational in Fort Worth, Texas and finished the tourney with an 0-4 record.

Athletics Info

Information about Cornell athletics is available on the World Wide Web at <<http://www.athletics.cornell.edu>>.

miscellany

Bloodmobile

The American Red Cross will sponsor blood drives on campus Sept. 30 from 10 a.m. to 3 p.m. in Malott Hall.

Campus Club

The Campus Club will sponsor a tour of the Cornell Plantations guided by Fair Gouldin on Sept. 26 at 10 a.m. beginning at the Plantation gift shop in the Plantation Headquarters Building.

Dialogue

The next meeting will be held Oct. 2 from 7 to 9 p.m. in the Anabel Taylor Hall Cafe. Dialogue is a multifaceted gathering of lesbian, gay, bisexual and transgendered members of the Cornell community, students and friends, to grow in faith and spirituality.

LGB Resource Office

• Newcomer's Evening Out will be coordinated by the Lesbian, Gay and Bisexual Resource Office on Sept. 27. Those interested in meeting for dinner and then attending the Ithaca LGB Task Force's monthly coffeehouse together should contact the LGBRO at 254-4987, e-mail <lgbro@cornell.edu>.
• "Let's Talk" new volunteer information session is scheduled for Oct. 2 at 4:30 p.m. in 314 Anabel Taylor Hall. Let's Talk provides a person from the lesbian, gay, bisexual or transgendered community who will talk with Cornellians who are exploring LGBT issues.

• "Lavender Letters," a writing workshop for lesbians and bisexual women, is being offered by Irene Zahava on Oct. 2 from 7 to 9 p.m. in G-16 Anabel Taylor Hall. Advance sign-up is required. Call 254-4987 or e-mail <lgbro@cornell.edu>.

• Internalized Homophobia Workshop, Oct. 3, 7 p.m. For location, contact the LGB Resource Office at 254-4987.

Stress Busters

"Learning to Work With the Body in Reducing Stress," Cutter Cramton, Oct. 2, 4 to 5 p.m., McManus Lounge, Hollister Hall. For more information about the Stress Busters program, call John Gormley at the Health Education Office, 255-4782.

Writing Workshop Walk-In Service

• 178 Rockefeller Hall: Sun., 2 to 8 p.m., Mon.-Thurs., 3:30 to 5:30 and 7 to 10 p.m.
• RPCC, Conference Room 3: Sun.-Thurs., 8 to 11 p.m.
• 320 Noyes Center: Sun.-Thurs., 8 to 11 p.m.

CALENDAR

September 26
through
October 3

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

Israeli Folk Dancing

Thursdays, 8 p.m., Edwards Room, Anabel Taylor Hall. Free and open to the community. Beginners are welcome; no partners are necessary. For information, call Minna at 257-7833.

exhibits

Johnson Museum of Art

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.

- "Three Cornell Artists: John Ahearn, Louise Lawler and Susan Rothenberg," through Oct. 13.
- "New Furniture: Beyond Form and Function," through Oct. 13.

- "Op Art," through Oct. 13.
- "The Prints of Frank Stella," through Oct. 13.
- "Photo-Realism," through Oct. 13.
- "Pop Art," through Dec. 9.
- "The Power of Women in Renaissance and Baroque Prints," through Dec. 15.

- Discussion: On Sept. 29 from 2 to 3 p.m., join artists represented in the exhibition "New Furniture: Beyond Form and Function" for a discussion of their work.

- "Art for Lunch": On Oct. 3 at noon, Masako Watanabe, assistant curator of Asian art, will give a "Behind the Scenes Tour" of the permanent collection of Asian art on the fifth floor. The tour is free, but registration is required. Call 255-6464 for information.

- Artist Louise Lawler will give a talk Oct. 3 at 5 p.m. in conjunction with the exhibition "Three Cornell Artists."

Hartell Gallery, Sibley Dome

(Mon.-Fri., 8 a.m. to 5 p.m.)

- Rome Program student work, through Sept. 28.
- "The Suitcase: Postcards & Paraphernalia," redefining the space of tourism and travel by Chris King '99, Sept. 29-Oct. 3.

Kroch Library, Exhibition Room 2B

(Mon.-Fri., 9 a.m. to 5 p.m., Sat., 1 to 5 p.m.)

- "A Legacy of Ideas: Andrew Dickson White and the Founding of the Cornell University Library," through Sept. 28.

Martha Van Rensselaer Gallery

(E124 MVR Hall)

- "Stepping into a Virtual World," computer modeling, rendering and animation by students of Kathleen Gibson, through Sept. 27.

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, kids 12 and under and seniors), except for Tuesday night Cinema Off-Center at the Center for Theatre Arts (\$2), Thursday early bird matinees (5:15 p.m.) and Sunday matinees (\$3). Films are held in Willard Straight Theatre except where noted.

Thursday, 9/26

- "Purple Noon" (1960), directed by Rene Clement, with Alain Delon and Maurice Ronet, 5:15 p.m.
- "Hate" (1996), directed by Mathieu Kassovitz, 7:45 p.m.
- "Fargo" (1996), directed by Ethan Coen, with Steve Buscemi and Frances McDormand, 10 p.m.

Friday, 9/27

- "The Celluloid Closet" (1995), directed by Rob Epstein and Jeffrey Friedman, narrated by Lily Tomlin, 7:30 p.m.
- "The World's Best Commercials '95" (1996), 8 p.m., Uris.
- "The Children's Hour" (1962), directed by William Wyler, with Audrey Hepburn and Shirley MacLaine, 9:45 p.m., \$2 with admission to "The Celluloid Closet."
- "Fargo," 9:45 p.m., Uris.
- "Raiders of the Lost Ark" (1981), directed by Steven Spielberg, with Harrison Ford and Karen Allen, midnight, Uris.

Saturday, 9/28

- "Big Night" (1996), directed by Campbell Scott and Stanley Tucci, with guest screenwriter Joseph Tropiano, special benefit ticket prices, \$7 and \$8, see story at right, 7 p.m.
- "Raiders of the Lost Ark," 7:35 p.m., Uris.
- "Ashes of Time" (1994), directed by Wong Kar-wai, with Leslie Cheung, 10 p.m.
- "The World's Best Commercials," 10:15 p.m., Uris.
- "Fargo," midnight, Uris.

Sunday, 9/29

- "Purple Noon," 2:30 p.m.
- "Hate," 7:30 p.m.
- "Dr. Mabuse der Spieler: Part II: The Inferno" (1922), directed by Fritz Lang, presented by Pentangle, 7:30 p.m., Uris, free.
- "Fargo," 9:45 p.m.

Monday, 9/30

- "Le Jour se Leve (Daybreak)" (1939), directed by Marcel Carne, with Jean Gabin and Jules Berry, 7:15 p.m.
- "Raiders of the Lost Ark," 9:20 p.m.

Tuesday, 10/1

- "Purple Noon," 7:15 p.m.
- Margaret Mead: Bridging the Old and the New, 7:30 p.m., CTA Film Forum.
- "Hate," 9:45 p.m.

Wednesday, 10/2

- "Red Lotus Society" (1994), directed by Stan Lai, with Chen Wenming, Na Weixun and Li Tongcun, 4:30 p.m., free.
- "Chronicle of the Year of Embers" (1976), directed by Mohammed Lakhdar-Ham, with Jorgo Voyagis and Larbi Zekkal, 7 p.m.
- "The Rock" (1996), directed by Michael Bay, with Nicolas Cage and Sean Connery, 10:15 p.m.

Thursday, 10/3

- "Chroniques Algeriennes" and "L'Oasis de la Belle de Mai" (1992 and 1996), with guest filmmaker Jean-Pierre Lledo, 4:30 p.m., free.
- "Cleo From 5 to 7" (1962), directed by Agnes Varda, with Corinne Marchand and Antoine Bourseiller, 8 p.m.
- "The Rock," 10 p.m.

graduate bulletin

- **Course changes:** There is a \$10 charge for adding each course. Courses may be dropped or credit hours may be changed through Oct. 18 without penalty. After Oct. 18 a petition is needed to drop a course or to change course credit. A course dropped after Oct. 18 will appear on transcripts with a "W" (withdrawn). No course may be dropped or changed after Dec. 6.

- **Dissertation and thesis seminars** will be held in Room 100, Caldwell Hall, 2:30 p.m., Tuesday, Oct. 15, for master's theses and Thursday, Oct. 17, for doctoral dissertations. The thesis adviser will discuss preparing and filing theses and dissertations; students, faculty and typists are encouraged to attend.

- **Hertz fellowship:** Applications for Hertz graduate fellowships are in the Graduate Fellowships Office, Caldwell Hall; available to U.S. citizens (or those applying for citizenship) in the applied physical sciences. Award is \$20,000 stipend plus \$12,000 tuition, renewable; Cornell pro-



Stanley Tucci, right, stars as Secondo, an Italian immigrant who has come to America to open a restaurant, and Minnie Driver portrays his American girlfriend in *Big Night*, the story of two brothers attempting to save their failing restaurant business and attain the American dream.

Cornell Cinema is offering a Big Night of film and food

Cornell Cinema will present a screening of *Big Night*, a film about food starring Campbell Scott, Tony Shaloub and Stanley Tucci, on Saturday at 7 p.m. in the Willard Straight Theatre. Admission is \$8; \$7 for students, seniors and children 12 and under. Proceeds from the screening, which is co-sponsored by the Office of the Dean of Students, will benefit the Cornell Cinema Media Arts Center.

Joseph Tropiano, who won the Waldo Salt Screenwriting Award at the Sundance Film Festival for his *Big Night* screenplay, will introduce the film and answer questions.

The film, directed by Scott and Tucci, returns audiences to the 1950s as two Italian brothers try to keep their New York restaurant, the Paradise, from failing. Primo (Tony Shaloub) is a chef ahead of his time, devoted to the best exotic ingredients, such as risotto

and arugula. But the fancy fare doesn't delight patrons, and brother Secondo (Tucci) wants the menu to offer the mundane, like spaghetti and meatballs, if it means keeping the eatery open.

In an attempt to turn things around, a suggestion is made to get Louis Prima and his band to dine at the Paradise. Accepting the advice the brothers hatch plans for a "big night," featuring a banquet they are hopeful will impress the star and win the hearts and stomachs of local diners.

The film, which runs 117 minutes, features supporting performances by Minnie Driver, Ian Holm and Isabella Rossellini.

After the film, Cornell Cinema is offering a "big night" of its own — an Italian feast (like the one in the movie) at the A.D. White House — but tickets for the dinner are sold out.

vides remainder of tuition. Deadline is Oct. 18.

- **NSF fellowships:** A limited number of paper applications for National Science Foundation Graduate Fellowships and NSF Minority Graduate Fellowships will be available in the Graduate Fellowships Office. Application also can be made electronically through the World Wide Web at <<http://www.fastlane.nsf.gov>>. Forms may be requested by e-mail at <stisserve@nsf.gov>. Ignore subject line and enter in the body: <get nsf96122.txt>. Additional instructions are available in the graduate field offices. Applicants for these three-year awards must be U.S. citizens and incoming students in the biological, physical or social sciences. Annual stipend of \$14,400, tuition payment of \$9,500. Cornell provides remainder of tuition. Deadline is Nov. 7.

- **Hughes fellowships:** A limited number of paper applications for Howard Hughes Medical Institute Predoctoral Fellowships in the Biological Sciences will be available in late September in the Graduate Fellowships Office. Applications will be available on the internet at <<http://fellowships.nas.edu>>. Award is \$15,000 stipend plus \$15,000 cost of education allowance; Cornell provides remainder of tuition. Deadline is Nov. 15.

- **Minority fellowships:** Applications for Ford Foundation Predoctoral Fellowships for Minorities will be available in mid- to late-September. Stipend plus tuition award; remainder of tuition supplemented by Cornell, renewable up to three years. No more than 30 semester hours of graduate study. Dissertation level fellowships with higher stipends also are available. Deadline is Nov. 4.

- **Fulbright Hays fellowship:** Applications will be available in mid- to late-September in the World Area Program offices. Check with World Area Program offices for deadline for applications.

lectures

Animal Science

Asdell Lecture: "The Testis: The Witness of the Mating System, the Site of Mutation and the Engine of Desire," R.V. Short, Royal Women's Hos-

pital, Carlton Victoria, Australia, Sept. 30, 4 p.m., 146 Morrison Hall.

English

"A Magazine Fiction Editor Looks at His Trade," C. Michael Curtis, senior editor, *The Atlantic Monthly*, Sept. 26, 4 p.m., Kaufmann Auditorium, Goldwin Smith Hall.

"Job-Getting Strategies for Ph.D.s," John Leyerle, Sept. 26, 4:30 p.m., 134 Goldwin Smith Hall.

European Studies Institute

"Soviet 'Elimination of Classes' as Population Politics: 1919 Decossackization as a European Phenomenon," Peter Holquist, history, Sept. 27, 12:15 p.m., 153 Uris Hall.

"Women's Political Participation in Central and Eastern Europe: A Cross-Cultural Perspective," Renata Siemienicka-Zochowska, University of Warsaw, Sept. 27, 4 p.m., A.D. White House.

Floriculture & Ornamental Horticulture

"What is CEA?" Robert Langhans, floriculture, Sept. 26, 12:20 p.m., 37 Plant Science Building.

"Horticulture Books in the Computer Era," Robert Mower, ornamental horticulture, Oct. 3, 12:20 p.m., 29 Plant Science Building.

Hatfield Fellow in Economic Education

"American Industry Approaching the Millennium," Charles Knight, chairman, president and chief executive officer, Emerson Electric Co., Sept. 26, 4:30 p.m., Schwartz Auditorium, Rockefeller Hall.

Joint Ethnic Studies Colloquium Series

"The Challenge of Diversity: Cornell's Residential Community Crisis," panel discussion with Jennifer Gerner, consumer economics and housing; Tom Hirschl, rural sociology; Dennis Williams, Learning Skills Center; and Evelyn Galban, American Indian Program undergraduate, biological sciences, Sept. 30, 4:30 p.m., A.D. White House.

Latin American Studies

"Integrating the Americas: Opportunities and Challenges," Cesar Gaviria, secretary general of the Organization of American States and former president of Colombia, Oct. 1, 4 p.m., David L. Call Alumni Auditorium, Kennedy Hall. See also Seminars listing and story on Page 8.

Continued on page 10