

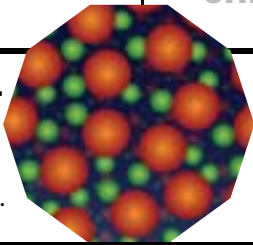
Cornell CHRONICLE

CHRONICLE ONLINE: www.news.cornell.edu

OCTOBER 5, 2007

7 LET THERE BE LIGHT

A brightening future for light-emitting, flexible semiconductors.



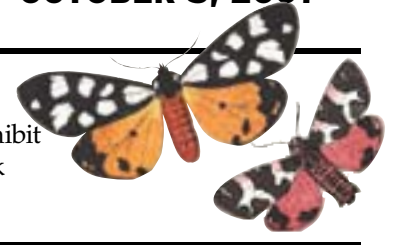
8 RELIGION AND SCIENCE

Ann Druyan reflects on the Dalai Lama's 1990s talks with the late Carl Sagan.



12-14 CALENDAR

Butterfly exhibit at Comstock and more.



Diet for small planet may be most efficient if it includes dairy and a little meat, study finds

BY SUSAN S. LANG

A low-fat vegetarian diet is very efficient in terms of how much land is needed to support it. But adding some dairy products and a limited amount of meat may actually increase this efficiency, Cornell researchers suggest.

A new study concludes that if everyone in New York state followed a low-fat vegetarian diet, the state could directly support almost 50 percent more people, or about 32 percent of its population, agriculturally. With today's high-meat, high-dairy diet, the state is able to support directly only 22 percent of its population, say the researchers.

The study, published in the journal *Renewable Agriculture and Food Systems*, is the first to examine the land require-

Land-grant Cornell

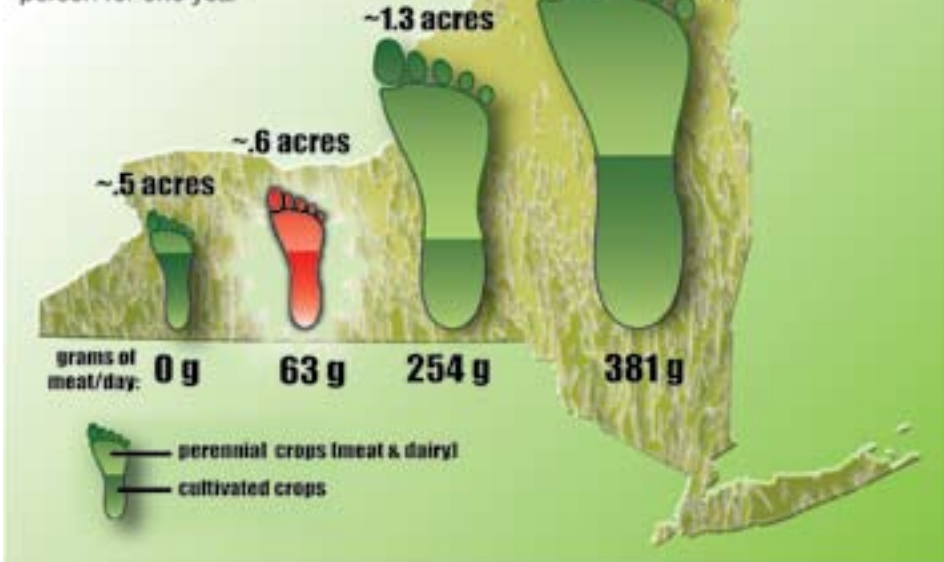
ments of complete diets. The researchers compared 42 diets with the same number of calories and a core of grains, fruits, vegetables and dairy products (using only foods that can be produced in New York state), but with varying amounts of meat (from none to 13.4 ounces daily) and fat (from 20 to 45 percent of calories) to determine each diet's "agricultural land footprint."

They found a fivefold difference between the two extremes.

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How big is your food print?

Diet's influence on the area of agricultural land in New York state needed to feed the average person for one year



Even though a moderate-fat vegetarian diet with a little meat and dairy (red footprint) uses more land than the all-vegetarian diet (far left footprint), it feeds more people (is more efficient) because it uses more pasture land, which is widely available.

ILLUSTRATION BY STEVE ROKITKA/UNIVERSITY COMMUNICATIONS

Thousands of Cornell students affected by new act that boosts Pell grants and cuts loan rates

BY KRISHNA RAMANUJAN

In a move that will affect close to half of Cornell's students, on Sept. 27 President George W. Bush signed the College Cost Reduction and Access Act, which went into effect Oct. 1.

Though the White House threatened to veto the bill, both Congressional houses sent the bill to the president with veto-proof majorities, passing by a 292-97 vote in the

House and a 79-12 vote in the Senate.

The legislation cuts \$20.9 billion in subsidies to private-sector lenders who make federally guaranteed Stafford and Plus loans and redirects the funds to students, making this the largest student-aid increase since the G.I. Bill of Rights was signed in 1944.

The act will increase the amount students receive in Pell grants to \$5,400 a year by 2012, up from \$4,050 in 2006. In 2005-06, 1,902 Cornell students received Pell grants, which are need-based and are not repayable.

The act also reduces interest rates on federal Stafford student loans to 3.4 percent over five years, from 6.8 percent. In 2005-06, 47 percent of Cornell students received financial aid.

"The reduction in interest on federal Stafford loans will make it a lot easier for students to repay their loans," said Tom Keane, director of financial aid and student employment at Cornell. The new interest rates do not apply, however, to alternate loan programs, largely from banks and

Continued on page 3

A look at Cornell's future?



URBAN STRATEGIES INC./POLSHEK PARTNERSHIP/PROVIDED

The community got a good look last week at Cornell's Comprehensive Master Plan. Above, a conceptual long view of one possible development scenario - a new central campus with a view west down a Tower Road from a point east beyond and above Judd Falls Road. Tower Road, mitigated for improved pedestrian and bicycle use, would serve as the "armature" along which Cornell would build a more compact, vertical campus. The buildings to the left would be research facilities with residential towers on top. See story, page 4.

Forum addresses revised Campus Code of Conduct

BY DANIEL ALOI

Cornell's Campus Code of Conduct has received an extensive revision, addressing many of the concerns the campus community expressed in comments and public forums over the past year.

About 20 people, most of them students, attended an Oct. 2 public forum in the Willard Straight Hall Memorial Room, intended by the Codes and Judicial Committee (CJC) of the University Assembly (UA) to solicit more feedback and answer questions about the revised code.

The CJC is accepting further comments from the Cornell community until Oct. 15 on its Web site, at <http://assembly.cornell.edu/CJCComments/2007Fall>. The committee will submit a report to the UA in early November; a final report will go to President David Skorton in December. A revised code could be adopted in 2008.

The code defines appropriate behavior and disciplinary actions required when rules are broken. Former Judicial Administrator Barbara Krause had proposed sweeping changes to the code and the judicial system in an

April 2006 report. Her recommendations included making what the CJC described as the needlessly complex document easier to read, a task the CJC has now completed.

Many people disagreed last year with some of Krause's other recommendations - including shifting responsibility for the independent judicial process and the Office of the Judicial Administrator (JA) to the university's central administration. The revised code keeps the process and the JA's office independent and retains and clarifies procedural protections, such as right to counsel.

Most of the 11 CJC members - students, faculty and staff - answered questions from the audience about aspects of the revised code, including provisions for off-campus jurisdiction.

"The way the old code worked with off-campus jurisdiction, there was a presidential override for situations regarding 'grave misconduct,'" said law professor Kevin Clermont, who prepared the bulk of the

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Corrections

In an interview on the Marquis de Lafayette and the Lafayette collection in Cornell University Library that appeared in the Sept. 21 issue of the Cornell Chronicle, Cornell Goldwin Smith Professor of History Steven Kaplan stated, in error, that the library acquired the collection from the Count René de Chambrun. According to Cornell University Archivist Elaine Engst, director of the library's Division of Rare and Manuscript Collections, the initial holdings in the Cornell Lafayette collection, referred to as the Chavaniac collection, came as a gift in 1964 from Ithaca-born lawyer, diplomat, and Cornell Trustee Arthur H. Dean '21, who acquired it in the early 1960s from the French collector and dealer, Emmanuel Fabius. In 1966, Dean and his wife, Mary Marden Dean, expanded the university's Lafayette holdings with the gift of the Lafayette Collection of Marcel Blancheteau. No part of the library's Lafayette collection ever belonged to Chambrun. The Chambrun collection referenced in the interview is a separate collection now owned by a private foundation in France.

In the Sept. 21 issue of the Cornell Chronicle, in the article on page 3, 'Panel at Cornell international development conference addresses opportunities, inequalities and women's rights,' Professor Lourdes Benería's point about the marginalization of women in some regions as a result of globalization, should have said, instead, that "the marginalization of women in the industrial employment of the 1950s and 1960s has been replaced, since the 1970s and under globalization, with a 'preference' for women workers, even if under very precarious working conditions." The incorrect quote, as it was printed, implied that marginalization of women in some regions has been a result of globalization.

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A 'Windfall' of rescued apples



LINDSAY FRANCE/UNIVERSITY PHOTOGRAPHY

Karina Bagdonavicius, a BOCES student participating in Project Windfall, collects fallen apples in the Cornell Orchards Oct. 3. BOCES teacher Ellen Knapp says that two classes are collecting apples for several weeks and then will make applesauce to donate to local food pantries. In the past, fallen apples have been left to rot, says Hugh Ink, a manager at Cornell Orchards, because it has not been cost-effective to use them for other purposes.

An apple a day - for a couple of quarters - is back in Plant Science Building

BY JOE WILENSKY

Autumn is here, and that means those colorful Big Red apples are conveniently available again at a mere four bits a pop at the Plant Sciences Building.

A brand-new vending machine just for Cornell-grown apples has been installed in the building, home to the Department of Horticulture, following the early retirement last year of an aging machine.

The old machine had been a fixture in the building for years but was taken out of service during the last academic year because problems had developed with the machine and its refrigeration system, said Michelle Leinfelder, a graduate student in the Department of Horticulture.

The new machine, installed earlier this month by the department in the building's first-floor hallway, has arrived just in time for what promises to be a bountiful apple season.

Leinfelder said the vending machine, which features up to nine apple varieties for sale at 50 cents each, is used as an educational and outreach tool - information about the apple varieties is posted on the side of the machine - and it promotes the varieties grown at Cornell Orchards' two locations (the groves off Route 366 and a site in nearby Lansing).

Horticulture graduate students are responsible for running the machine and choosing the varieties as the apple harvest progresses.

The machine will be stocked through most of the academic year. In past years, Leinfelder said, apples were often available through May (apples kept in cold storage replenish inventory once growing season ends).

The varieties featured in the vending machine are part of a northeast land-grant university apple cultivar program called NECC-1009 (formerly known as NE-183) that evaluates apple varieties throughout the Northeast and the country. Cornell Orchards is one of three New York test plots for the cooperative program.

The vending machine right now features Sansa - a variety Leinfelder called "a great early season variety, perhaps



JASON KOSKI/UNIVERSITY PHOTOGRAPHY

Horticulture graduate student Holly Lange checks out the selections displayed in the new apple vending machine in the Plant Science Building.

one of the best" - as well as Ginger Gold, Senshu, Zestar! and Sunrise.

The machine sometimes includes unnamed varieties (like the current Cornell-bred "NY-79507-72" that boasts the Empire apple as one of its parents); other offerings include varieties originally bred at other participating cultivar program universities (such as Purdue University's Crimson Crisp), though all apples in the machine have been grown at Cornell. The popular Honeycrisp apple, a variety developed in Minnesota, will be added to the machine soon.

More apples developed at Cornell will appear among the machine's offerings as the season continues. For example, both Empire and Liberty apples, which Leinfelder called "excellent fresh-use varieties," were bred at Cornell.

Leinfelder said the students considered raising the price of the apples but decided against it, noting that not all produce offered on campus is locally grown.

"We want to make sure we keep our local healthy snacks affordable for everybody," she said.

Helene Dillard reappointed director of Cornell Cooperative Extension

Helene R. Dillard, Cornell professor of plant pathology at the New York State Agricultural Experiment Station in Geneva, has been appointed to a second five-year term as director of Cornell Cooperative Extension (CCE) and associate dean in the College of Agriculture and Life Sciences and the College of Human Ecology, effective Oct. 1.



Dillard

"Helene has helped establish a clear vision for CCE that resonates soundly with CCE educators as well as with stakeholders around the state," said Susan A. Henry, the Ronald P.

Lynch Dean of Agriculture and Life Sciences. "Under her leadership, CCE was able to persuade state legislators to increase funding allocated to CCE through County Law 224 - a major accomplishment.

Helene's many supporters, both within and outside of the CCE system, testify to her enthusiasm, honesty, practicality and energy."

The many letters submitted in support of Dillard's reappointment cited her commitment to diversity and to raising CCE's visibility on campus. During her first term, Dillard also organized a CCE leadership retreat that resulted in the formation of the statewide Executive Director Senate. A newsletter she established, "CCE News," has strengthened communication throughout the extension network.

Dillard maintains research and extension programs focused on the biology, ecology and management of fungal diseases of vegetables and dissemination of the information to the vegetable industry. Her interests include pathogen identification and disease diagnosis as well as disease management strategies for vegetable crops in fields and greenhouses.

Dillard joined the Cornell faculty in 1984 and was promoted to full professor in 1998. She chaired Geneva's Department of Plant Pathology from 1997 to 2001 and served a year as associate director of CCE before her initial appointment as director in October 2002.

[Helene Dillard's 'many supporters ... testify to her enthusiasm, honesty, practicality and energy.'

- Susan A. Henry,
CALs dean

Briefs

Vet College search: The College of Veterinary Medicine is searching for a new chair of the Department of Molecular Medicine. The search process will be inclusive and transparent, with every effort made to attract a diverse pool of qualified candidates. The process of placing notifications in appropriate scientific journals is under way. In addition, the search committee will be contacting leaders at other premier institutions to identify prospective candidates. The search committee, chaired by Joe Fetcho, professor of neurobiology and behavior, solicits the Cornell community's help in identifying first-rate scientists with leadership abilities. All internal and external candidates are urged to apply. Fetcho can be contacted at <jrf49@cornell.edu>.

Conference focuses on critical diversity issue: What happens to blacks, Latinos once they reach college?

BY GEORGE LOWERY

Cornell Deputy Provost David Harris, a sociologist, cited a troubling national statistic at a two-day conference in New York City, Oct. 2: about 75 percent of white and Asian students who enroll in degree programs earn a college degree within six years. But, "For blacks and Latinos, it's fewer than half."

The conference, "Closing the Minority Achievement Gap in Higher Education," explored strategies for improving retention and achievement among minority college students. Attended by university leaders from leading universities and liberal arts colleges, the event was sponsored by Cornell, the Teagle Foundation and Credit Suisse, which hosted the event at its Madison Avenue offices.

The conference grew out of a project sponsored by the Teagle Foundation. In 2005, a team of administrators from Cornell, Colgate University, Hamilton College, Hobart William Smith Colleges and Wells College, led by Harris, surveyed diversity programs at 43 leading liberal arts colleges and universities. The white paper they produced identified 14 of these programs as particularly promising. Four of these programs will be introduced at Cornell this year, and each was the subject of an Oct. 3 workshop.

Harris said the focus is on "college completion and achievement. Not admission, not K through 12, but what happens once students get there."

"The goal of diversity in higher education ... is not merely to admit diverse classes," Harris said. "The goal is to produce graduating classes that are diverse with respect to race and ethnicity, but not with respect to skill. Race and ethnicity should not predict skill among graduating classes. In that sense, admitting a diverse cohort is a necessary – but not sufficient – condition for achieving our goals."

Even controlling for SAT scores, high school GPA (grade point average) and socio-economic status "can't make

those black/white differences, especially in college GPA, go away," Harris said. "They persist. ... there's something going on in the college years that's important."

An emphasis on ongoing assessment is crucial to the success of programs aimed at eliminating the achievement gap, Harris said. "Diversity programs are extremely political, extremely sensitive. What works at Cornell may not work at Wells [College]. We tried to lay a road map for some things that might work."

Teagle Foundation Vice President Donna Heiland agreed. "I think the more we move forward with a culture of evidence behind us, the stronger our arguments are going to be," she said.

President David Skorton said that much work remains at Cornell, even though the university has been devoted to providing access for all students since its founding. "Yet we have approximately the same proportion of African-American students in 2007 that we had in 1986," he said.

In his keynote address, University of Maryland-Baltimore County President Freeman Hrabowski III, who is credited with dramatically improving academic achievement among blacks and Latino students at his institution, said that involving senior faculty directly with students leads to greater achievement, and that first-generation college students, regardless of ethnic background, benefit from additional support. He discussed the strategies which have helped undergraduate minority students from UMBC go on to succeed at some of the nation's top Ph.D. and medical programs. He also stressed the importance of a "strength-based model", which inspires students to pursue excellence.

"I hope we all return to campus with a renewed commitment to invest in the financial – and at least as important – the political capital required to address these issues," Harris said.



JESSE WINTER PHOTOGRAPHY
University of Maryland-Baltimore County President Freeman Hrabowski III, right, speaks Oct. 2 in New York at the Teagle Foundation conference. Cornell Deputy Provost David Harris is at left.

Cornell 'hotelies' gather in New York to celebrate 85th anniversary



ROBERT BARKER/UNIVERSITY PHOTOGRAPHY
Hotel School deans pose with President Skorton at the School of Hotel Administration's 85th anniversary celebration at the Union League Club in New York City, Sept. 24. From left: David Butler, David Dittman, John Clark, Skorton, current dean Michael Johnson and Robert Beck.

BY DANIEL ALOI

NEW YORK — Five deans, one president, a new book, more than 250 dinner guests and endless memories marked a gala evening Sept. 24 in New York City, celebrating the 85th anniversary of Cornell's School of Hotel Administration.

"There may be the top 20 business schools and the top 20 medical schools, but in all the world there is only one top hotel school," said master of ceremonies Leland (Lee) Pillsbury '69 at the anniversary event, held at the Union League Club in midtown Manhattan.

Guests included Cornell President David Skorton, alumni, students, faculty and five Hotel School deans: Robert Beck '42, Ph.D. '54 (1961-81); John Clark (1981-90); David Dittman (1990-2000); David Butler (2000-05); and current dean and E.M. Statler Professor Michael Johnson.

"The students revived an old tradition this year," Johnson said. "They delivered Dr. Skorton a birthday cake, as they did [for oth-

er presidents] many, many years ago. And the next day, the president got sick." But the cake was not to blame, Johnson added.

In a rousing speech, Skorton said, "I am very much a fan of what you all do," noting that the Hotel School was a factor in Newsweek naming Cornell "the hottest Ivy" in August. He said that when he and wife Robin Davison broke the news in January 2006 to friends and family that they were going to Cornell, they were told, "Well, you're going to be at the world's best hotel school."

Saying that scholarships are the No. 1 priority in the dean's campaign, Skorton added, "We want to make sure the doors stay wide open for the generations of students yet to come."

The publication of "Hospitality Goes Global," an illustrated study of the industry's evolution in the 20th and early 21st centuries, was presented by Michelle La Motte '75, MPS '83, president of the Cornell Hotel Society. Copies of the book

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Student aid continued from page 1

loan companies, which carry rates based on market conditions, Keane added.

The act also guarantees that starting July 1, 2009, borrowers in the Stafford program will never have to spend more than 15 percent of their yearly income on loan repayments. It also provides that borrowers at certain income levels will have the unpaid balance on loans forgiven after 25 years.

Borrowers who work in public-sector jobs, such as the military, law enforcement, firefighting, nursing, early childhood teachers and more, will have the balance of their loans forgiven after 10 years of service and loan repayment.

Also, starting in 2009 the government will limit the right to offer Plus loans to two lenders in each state. Formerly, all qualified lenders could offer Plus loans.

Another measure of the bill provides upfront tuition for top-performing students who commit to teaching in high-need schools upon graduation. Since Cornell does not offer an undergraduate education degree, this benefit only applies to graduate students in the Cornell Teacher Education (CTE) program.

Cornell students hold a cappella event to benefit United Way, Oct. 12

Cornell students are putting community service first with "A Cappella United," a benefit concert for the Tompkins County United Way on Friday, Oct. 12, at 7 p.m. in Bailey Hall, on the Cornell campus. Tickets are \$3 and all proceeds go to United Way. The first-ever student fundraiser for United Way features the best of Cornell's a cappella groups, including Last Call, the Chordials, Class Notes, After 8, Cayuga's Waiters, the Hangovers, Hearsay, Nothing But Treble, Touchtones, Key Elements, and Absolute, with a special appearance by Anything Goes, the musical theater troupe. Tickets can be purchased at the door, from <http://www.baileytickets.com>, on Ho Plaza from Oct. 10-12, 11 a.m. to 2 p.m., or at the United Way of Tompkins County headquarters at 313 N. Aurora St., Ithaca. For more information, contact Cornell student Jonathan Feldman at 1-908-391-0289 or e-mail <cappellaunited@gmail.com>.

Congress gets bill to save Arecibo Observatory in Puerto Rico

Congressmen Luis Fortuño of Puerto Rico and Dana Rohrabacher of California have introduced legislation in the U.S. House of Representatives to ensure continued operation of the Arecibo Observatory in Puerto Rico. They want to guarantee future federal funding for the astronomical and radar-imaging facility.

"The bill is an appeal for the NSF [National Science Foundation] and NASA to get together and talk about how they might jointly work to maintain the science program at Arecibo," said Robert Brown, director of Cornell's National Astronomy and Ionosphere Center, which manages the facility for the NSF. Brown, also an adjunct professor of astronomy at Cornell, said: "It doesn't ask for something new; rather, it seeks to maintain what goes on at the moment. The observatory is really an icon to the people of

Continued on page 14

Master plan draft emphasizes Cornell's town-and-country feel

BY FRANKLIN CRAWFORD

From an aerial photo of the Cornell campus in 1933 to conceptual overviews of a futuristic university in 2067, more than 325 members of the Cornell and Ithaca communities got a good look at the rigorous, visionary work that has gone into Cornell's Comprehensive Master Plan (CMP) so far. And "comprehensive," indeed, seems to be the operating term for the emerging draft plan.

In a slide presentation at a Sept. 26 open house in Willard Straight Hall, CMP consultant George Dark of Urban Strategies Inc. of Toronto discussed his firm's efforts to incorporate ideas gleaned from public forums and workshops with every constituency that has a stake in how Cornell evolves in this century. Cornell chose Urban Strategies for its focus on process and its fresh ideas for master plans at the Universities of Minnesota, Toronto and Ottawa.

The draft plan seems to include something for just about everyone: For one, it recommends preserving the town-and-country feel of Cornell by conserving the university's lands to the east, including the Cornell Orchards – long thought to be slated for development – research fields and wooded areas.

The focus instead is on developing a compact, more vertical central campus

that follows the pattern of the original campus footprint, with improved pedestrian and bicycle routes, a campus-only bus system – and underground parking, among other ideas. It also includes visions for developing a university "East Hill village" in the area of East Hill Plaza and the athletic fields along Game Farm Road.

The open lands east and north of the core campus are extraordinarily unique, Dark pointed out. Many campuses, even in rural areas, have succumbed to suburban sprawl. Cornell is still in the position to give the countryside a place of prominence in future development, he said, by linking green spaces with the core campus and surrounding communities so that one could walk or bike around the entire campus virtually unimpeded.

"I feel very strongly about traffic issues and like their ideas for improving bike routes,



JASON KOSKI/UNIVERSITY PHOTOGRAPHY

Warren Price, right, of Urban Strategies Inc. answers questions about Cornell's Master Plan following a presentation Sept. 26 in Willard Straight Hall.

central transit and expanding the campus with better connections to East Hill," said Sue Powell, a Cornell employee who bikes to work from Lansing, weather permitting.

Khaleel Atiyeh '10, a city and regional planning major, said more student housing like North Campus is needed. He was curious about the visual concept of residential towers in mid-campus atop research buildings, but said he was wary overall of "trashy architecture" that didn't "make sense with how the campus is put together."

CMP will provide a context for physical changes on campus over the next 25-plus years. The plan is intended to realize the university's research, teaching and outreach missions and its residential, recreational and administrative priorities. The input from the open houses will help to further refine the draft plan over the fall and winter.

"Frankly, you don't want to be re-inventing this every 10 years as you go along," said Dark. "People who do that run into a lot of difficulty in the long term. I give Cornell a lot of credit for trying to think this far ahead."

The final plan, to be presented to the Board of Trustees in March 2008, will include analyses of the campus and its surrounding environment, a road map for planning and decision-making, and guidelines for implementation.

It is not merely an elegant "conceptual exercise," said Mina Amundsen, university planner and co-chair of the CMP Working Committee with Vice Provost John Siliciano.

"The master plan will serve as a constant reference" for all decisions on physical development of the university, she said. "It is a framework that will provide guidance and a rational process for implementing good development. But it will not specify the type of architecture or where this or that building must be constructed."

For all you need to know about the CMP, visit <<http://masterplan.cornell.edu/default.cfm>>. The online site describes the purpose of the plan, the planning process, background on the Toronto-based consultant team, related planning initiatives on campus, as well as news and upcoming events.

Points of view on the master plan

CornellCast will present a three-part series, "Point of View," on Cornell's Comprehensive Master Plan, produced by the Cornell Institute for Public Affairs. The program will be accessible later this month.

Scott David Johnson, a graduate student in public administration, is the executive producer of the special, which was broadcast this week on Time Warner Cable's Pegasus Channel 13. Johnson said the series includes: coverage of the history of planning at Cornell; a segment discussing why universities do master planning; in-depth interviews with two of the lead consultants hired for the master plan; and discussions with the Tompkins County planning commissioner, a representative from the Ithaca Downtown Partnership and the Ithaca city planner.

"Cornell is the major economic force in the area and, as such, affects businesses and residents and influences both county and city planning," Johnson said. "We thought getting multiple points of view from not only the planners, but those that are affected by the plan would present an engaging and thought-provoking series. I feel that is what we have with these three programs."

Footprint continued from page 1

"A person following a low-fat vegetarian diet, for example, will need less than half (0.44) an acre per person per year to produce their food," said Christian Peters, M.S. '02, Ph.D. '07, a Cornell postdoctoral associate in crop and soil sciences and lead author of the research. "A high-fat diet with a lot of meat, on the other hand, needs 2.11 acres."

"Surprisingly, however, a vegetarian diet is not necessarily the most efficient in terms of land use," said Peters.

The reason is that fruits, vegetables and grains must be grown on high-quality cropland, he explained. Meat and dairy products from ruminant animals are supported by lower quality, but more widely available, land that can support pasture and hay. A large pool of such land

is available in New York state because for sustainable use, most farmland requires a crop rotation with such perennial crops as pasture and hay.

Thus, although vegetarian diets in New York state may require less land per person, they use more high-valued land. "It appears that while meat increases land-use requirements, diets including modest amounts of meat can feed more people than some higher fat vegetarian diets," said Peters.

"The key to conserving land and other resources with our diets is to limit the amount of meat we eat and for farmers to rely more on forages to feed their livestock," said Jennifer Wilkins,

senior extension associate in nutritional sciences who specializes in the connection between local food systems and health and co-authored the study with Gary Fick, Cornell professor of crop and soil sciences. "Consumers need to be aware that foods differ not only in their nutrient content but in the amount of resources required to produce, process, package and transport them."

According to the U.S. Department of Agriculture, the average American ate approximately 5.8 ounces of meat and eggs a day in 2005.

"In order to reach the efficiency in land use of moderate-fat, vegetarian diets, our study suggests that New Yorkers would need to limit their annual meat and egg intake to about 2 cooked ounces a day," Peters said.

The research was supported in part by the National Research Initiative of the USDA Cooperative State Research, Education and Extension Service.



Chris Peters honored for foodshed work

Chris Peters, the lead author of the study on New York's agricultural footprint, has been honored for related work on local "foodsheds," as well as his teaching and outreach, with the 2007 Gerald O. Mott Scholarship for Meritorious Graduate Students in Crop Science. The award will be presented Nov. 6 at the American Society of Agronomy, Crops Science Society of America and Soils Science Society of America's International annual meetings in New Orleans.



Peters



Faculty 'cooks' and home economics



DIVISION OF RARE AND MANUSCRIPT COLLECTIONS/PROVIDED

When the idea of creating a college for home economics at Cornell was broached to President Jacob Gould Schurman in 1899, he erupted: "What! Cooks on the Cornell faculty? Never!" Even so, this was to become the foundation of what in 1907 would become the home economics department. In 1898, former school commissioner Martha Van Rensselaer had arrived in a Morrill Hall basement room "containing two chairs and a kitchen table with a drawer for pens and paper." She was there to teach a reading course for farmers' wives, one of whom wrote: "I cannot tell you what it means to me to think that somebody cares. My life is made up of men, men, men and mud, mud, mud." By 1903-04, Van Rensselaer was teaching three courses "relating to home and family life." Home economics moved to Comstock Hall in 1913 and became the School of Home Economics in 1919; 50 years later the college was renamed the College of Human Ecology.

- Adapted by George Lowery from Morris Bishop's "A History of Cornell."

Reception opens 'Lafayette: Citizen of Two Worlds'

BY GEORGE LOWERY

Students, faculty, staff and members of the Ithaca community converged on Kroch Library's Hirshland Gallery Sept. 25 to attend the opening reception for the exhibition "Lafayette: Citizen of Two Worlds." Cornell Library's Division of Rare and Manuscript Collections holds more than 11,000 original Lafayette manuscripts, documents and letters, and associated books, images and artifacts – the largest Lafayette collection outside France.

Best known for his role in the American and French revolutions, Lafayette (1757-1834) belongs to American and French history. His ideals were formed by the French Enlightenment and his exposure to America's culture of civic equality. As a result, he viewed himself as a citizen of two worlds.

"Lafayette: Citizen of Two Worlds" runs until April 28, 2008. A schedule of music, films and a lecture on Lafayette is available on the exhibition Web site: <<http://rmc.library.cornell.edu/lafayette/>>.



LINDSAY FRANCE/UNIVERSITY PHOTOGRAPHY

From left, Vincent Andrews '11, Erin Mosbaugh '10 and Cecilia De Lencquesaing '11 examine the Marquis de Lafayette's artifacts Sept. 25 in Kroch Library.

For Banned Books Week, Cornell has a banned-book dispute right on its shelves

BY GEORGE LOWERY

In August 2007, Cambridge University Press (CUP) asked libraries around the world to pull one of its books from their shelves. Cornell University Library refused the request, and "Alms for Jihad: Charity and Terrorism in the Islamic World" is still available to all.

Appropriately, the dispute comes as Cornell Library is observing Banned Books Week, Sept. 29-Oct. 6.

CUP announced it would destroy all unsold copies of its 2006 title as the result of a libel suit brought against the publisher in England by Saudi billionaire banker Khalid bin Mahfouz. The book traces how traditional Muslim philanthropy is sometimes diverted to violent ends. Mahfouz complained it linked him to the funding of terrorism.

The suppression of "Alms for Jihad," written by an American professor and a former

State Department official, marks Mahfouz's fourth successful libel suit against books questioning his ties to terrorists. His frequent litigation in British courts has earned him the sobriquet "libel tourist" in the press.

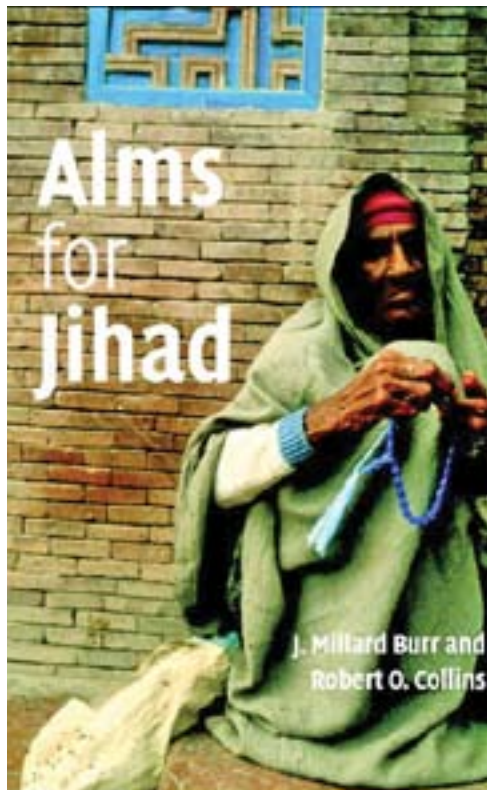
An Aug. 14 posting on the American Library Association's Office of Intellectual Freedom noted, "Unless there is an order from a U.S. court, the British settlement is unenforceable in the United States, and libraries are under no legal obligation to return or destroy the book. ... Given the intense interest in the book, and the desire of readers to learn about the controversy first-hand, we recommend that U.S. libraries keep the book available for their users."

It is difficult to order the book online, but you can still read it in Kroch Library. "We have to be steadfast in supporting

the freedom to read," said Barbara Eden, director of Cornell Library's Department of Preservation and Collection Maintenance. "Books are continually being challenged, primarily in public libraries. This situation is unusual in that the request to remove the book is from an academic press."

As part of its observance of Banned Books Week, Olin Library is mounting a display of famous once-banned books, including those by Cornellians Kurt Vonnegut, Toni Morrison, Vladimir Nabokov and E.B. White. The library has also joined the Freedom to Read Foundation, which participates in intellectual freedom litigation.

Salman Rushdie, whose "The Satanic Verses" so angered Iran's Ayatollah Khomeini that he issued a fatwa calling for Rushdie's death, will speak on campus Oct. 18.



War is hell, so grab the latest technology and move fast, author and military expert says

BY GEORGE LOWERY

In war, victory goes to the side that applies the technology of the day and succeeds in adjusting to rapidly changing conditions, said author Max Boot in a Sept. 25 talk, "500 Years of Revolutions in Military Affairs: The Implications for Iraq and Beyond," in Cornell's McGraw Hall.

But holding on to military supremacy is another matter.

The term "a revolution in military affairs," Boot said, crept into currency in the early 1990s after what he called "the smashing U.S.-led victory" against Iraq to liberate Kuwait. The Gulf War marked the first use of global positioning systems, precision-guided munitions and tank-mounted computers.

The gunpowder revolution transformed warfare circa 1500, said Boot, a senior fellow for national security studies at the Council on Foreign Relations and author of the acclaimed 2006 book, "War Made New: Technology, Warfare, and the Course of History, 1500 to Today." While the Europeans controlled only about 14 percent of the world in 1450, they controlled 84 percent by 1914.

"In many ways this is the big story of the last 500 years, the rise of the West," Boot said, noting that Europeans were most successful at harnessing the gunpowder revolution to conquer their enemies.

In the 1940s, Germany and Japan, taking advantage of technology, became superpowers. The Germans put two-way radios in their tanks and pursued a rapidly moving battle plan, while the Allies were stuck in a trench warfare mentality from World War I. But by the end of World War II, "pretty much all the great powers of the past [were] swept off the board in the emergence of two new super-

powers dividing the world between them, largely through their mastery of industrial technology," said Boot.

Why did the Soviet Union collapse? "They tried to reform, they failed, they collapsed," suggested Boot. "We had a Silicon Valley and they did not. That was one of the major spurs for perestroika [the Soviet Union's economic restructuring] and the whole process that ultimately brought down the empire from within."

To sustain long-term military dominance, Boot said, "It's not the technology per se. It's management. It's bureaucracy. Who has the more effective governmental structure for harnessing commonly available technology?"

Yet an established bureaucracy can become an albatross. The U.S. military, designed to fight mirror-image adversaries, now copes with ragtag guerilla insurgencies in Iraq who, Boot said, "thanks to the generosity of their patrons in Tehran, have stayed half a step ahead of us."

By the mid-1990s, because of its mastery of the information revolution, the United States "was left standing alone atop the world as this kind of unbridled hegemon. In the decade since, we've found that being king of the hill ain't all it's cracked up to be," said Boot. "With great power comes great discontent."

"... especially in the war against terrorism, it's the U.S. government, which is this lumbering old-style bureaucracy, kind of the Ford or GM of international relations," Boot said. "Our enemies, the al-Qaidas of the world, are in many ways the Microsofts or Dells – these more nimble, flatter competitors, which are able to use our technology against us in ways that we hadn't even imagined."

Parking information for the Oct. 9 Dalai Lama talk

Heavy traffic is expected on campus Tuesday, Oct. 9 in connection with the Dalai Lama's 2 p.m. talk, "A Human Approach to World Peace," at Barton Hall.

The Statler Hotel side of Barton Hall will open at noon to begin general admission. The entrance located at the Teagle Hall side of Barton Hall, off of Garden Avenue, will open for those who are in wheelchairs or in need of assistance. All articles and persons are subject to search and must pass through metal detectors. Backpacks, large purses, briefcases, bags, umbrellas, cell phones and unauthorized recording devices of any kind will not be allowed, and there will be no check room for such items.

Due to heavy traffic, parking congestion and a large volume of people at the entrance clearing security, attendees should plan to arrive early and expect to be seated by 1:30 p.m. Using public transportation is highly recommended. Doors will be closed promptly at the start of the event at 2 p.m.

There will be free parking available in B Lot and in the Hoy Road parking garage on campus. Free shuttles will run a continuous loop from B Lot down Campus Road to Barton Hall and back up to B Lot using Hoy Road to Route 366. Handicap parking will be available in the lot between Barton Hall and the Industrial and Labor Relations Center off Garden Avenue. Ticket holders for the event are also encouraged to ride TCAT buses running between downtown Ithaca and Cornell, free of charge.

For those who are unable to attend the Cornell event, the talk will be screened, live, at Bailey Hall and Kennedy Hall's Call Auditorium on the Cornell campus. Seating is limited to capacity of the venues.

Live Web streaming of the event will also be available via CornellCast, <<http://www.cornell.edu/video/>>, and it will be broadcast on Time Warner Cable (Channel 16) and CUTV on the Cornell campus (Channel 100).



ROBERT BARKER/UNIVERSITY PHOTOGRAPHY

Senior lecturer Giuseppe Pezzotti, left, and Drew Nieporent '77 at the Hotel School celebration.

Hotel school continued from page 3

(a follow-up to 1996's "Hospitality Leadership," a chronological history of the Hotel School) were presented to all of the deans.

Beck, now 86, kept the dinner guests laughing as he recalled his Cornell career. "I graduated from the College of Home Economics [now Human Ecology], and my diploma hangs proudly in my kitchen," he said, later concluding, "The hospitality industry is the largest in the world today. Please note it is divided into two parts: One half is Cornell. The other half is those who wish they'd gone to Cornell."

From the first-ever four-year collegiate program in hospitality and the first teaching hotel, to its graduate and professional programs, the school was a point of pride for those attending.

"I could have been in Asbury Park tonight, seeing Bruce Springsteen, but it was a special thing to see Dean Beck and all the deans," said Drew Nieporent '77, whose Myriad Restaurant Group includes Tribeca Grill, co-owned by Robert De Niro.

"I'm proud of the school. Dean Meek interviewed me to get into Cornell – he was a wonderful man," said Dick Nelson '57 of San Antonio, who is retired after 41 years with Hilton and Hyatt hotels. H.B. Meek was the founding dean of the school, leading it from the hotel program's inception in 1922 until 1961.

"Cornell changed my life," New York restaurateur Tony Zazula '77 said, before praising one of his heroes. "Joseph Baum '43 changed the restaurant industry from a mom-and-pop industry to a professional one. He created the original theme restaurant, where ethnic cuisine was respected for its authenticity."

The Hotel School will also mark the 15th anniversary of the Center for Hospitality Research at an event in New York in November.

Cornell Perspectives

Why GM's transfer of its health plan to the UAW is a gamble that could flop

BY DAVID LIPSKY

On Sept. 26, following a two-day strike, the United Auto Workers and the General Motors Corp. reached a landmark deal on a four-year collective bargaining agreement. The centerpiece of the new UAW-GM contract is the establishment of a retiree health-care trust fund, called a Voluntary Employee Beneficiary Association (VEBA). GM will transfer \$30 billion into the VEBA, which will be administered by the UAW. The new agreement will greatly influence not only the new contracts the UAW is negotiating with Ford and Chrysler but also future contracts negotiated in the auto parts industry, the aerospace industry and elsewhere.

UAW President Ron Gettelfinger noted that the new pact will provide job security guarantees the union sought for its members. General Motors' CEO Rick Wagoner issued a statement saying, "This agreement helps us close the fundamental competitive gaps that exist in our business."

Wagoner claims the transfer of responsibility for retiree health care from the company to the union will go a long way to achieving his goal of reducing GM's fixed costs from 30 percent of total revenue to 25 percent in 2010.

But one is entitled to be skeptical about the longer-term effects of the new compact. Despite the rosy prognostication by Gettelfinger, sustaining the retirees' gold-plated health-care plan in the face of ever-increasing health-care costs is not likely to be any easier for the union than it was for the company.

The UAW may be betting that the election of a Democrat to the presidency next year will lead to the passage of a national health insurance plan, which could very well lessen the union's burden of protecting its retirees. If that gamble doesn't pay off, however, it is widely believed that sooner or later the UAW will be forced to tell its retirees that the costs and coverage of their health-care plan must be cut.

The new pact is emblematic of the desperate straits both the union and the auto companies now face. GM's U.S. sales have been declining for the past eight years, with \$12.4 billion in losses over the last two years alone. GM's share of both the U.S. and worldwide auto markets has been steadily shrinking for decades. In 1960 sales of GM vehicles constituted 47 percent of all auto sales in the U.S.; this summer GM's share of the U.S. market slipped to 22.2 percent, an all-



Lipsky

time low. Membership in the UAW has fallen from a peak of 1.5 million members in 1979 to 538,448 as of December 2006. The union now represents only 180,681 hourly auto workers (including the 73,454 that struck GM), but a mind-boggling total of 721,025 retirees and their surviving spouses are entitled to receive health benefits under the UAW's contracts. GM has borne a \$50 billion liability because of its commitment to cover the health-care costs of its retirees.

The union, which once represented virtually all automotive workers in the U.S., has been striving for years to organize the Japanese "transplants" – the auto assembly plants operated by Japanese car makers across the U.S. With few exceptions these transplants have avoided unionization. The Detroit Free Press reported recently that this year workers at the Toyota plant in Georgetown, Ky., received more in pay and bonuses than UAW members received on average at domestic auto plants. On the other hand, hourly labor costs at U.S.-owned auto plants are \$25 to \$30 higher than they are at the Japanese transplants, largely because of the costs of retiree health care.

... both the U.S. auto companies and the UAW are struggling to survive in the face of intense competition from foreign automakers.

In truth, both the U.S. auto companies and the UAW are struggling to survive in the face of intense competition from foreign automakers. The UAW has the doubly difficult task of attempting to hold on to its U.S. base, while GM, Ford and Chrysler continue to shift production facilities to Mexico, South America and Asia. GM also has been investing heavily in new plants in China.

Wagoner himself acknowledged that reducing the company's cost structure will not guarantee its continued survival. The key, he says, is producing cars and trucks Americans want to buy. Wagoner's strategy calls for the company to produce a series of new models to replace current ones that have suffered stagnant sales. By the end of this year he hopes the new models will constitute about 40 percent of GM's vehicle sales.

Wagoner's sales strategy may be another example of the triumph of hope over experience. If the strategy fails, then the concessions the UAW granted GM in its new agreement will not serve to save either the company or the union from further decline.

David Lipsky is the Anne Evans Estabrook Professor of Dispute Resolution and director of the Scheinman Institute on Conflict Resolution at the Cornell School of Industrial and Labor Relations.

Introducing New Members of the Cornell Faculty

To help introduce new members of the faculty to the Cornell community, the Cornell Chronicle presents new-faculty profiles.

Sahara Byrne Assistant professor, communication

College: Agriculture and Life Sciences

Academic focus: The intersection of media effects, strategic communication and cognitive development. Byrne examines the viability of strategies that attempt to reduce the negative effects of the media on individuals, particularly those intending to protect children and why some strategies are ineffective.

Academic background: B.F.A., film and television, New York University, 1993; M.A., 2004, and Ph.D., 2007, both in communication, University of California-Santa Barbara.

Previous positions: Director of development for Playboy Entertainment, 1996-2000; wrote children's movie, "The Legend of Gator Face," for Showtime Networks, 1996.

Last book read: "Talk Talk" by T.C. Boyle.

In her own time: "Getting to know Ithaca, being a fun wife and mother, watching hockey and the Red Sox."



Byrne



Freedman

Matthew Freedman Assistant professor, labor economics

College: ILR

Academic focus: Job and income mobility and their relationship with geography and urban structure; how suburban sprawl, industrial clustering and commuting patterns bear on labor market dynamics.

Academic background: B.A., English and economics (double major), Emory University, 2000; M.A., 2004, and Ph.D., 2007, both in economics, University of Maryland-College Park.

Previous position: Statistician, Longitudinal Employer-Household Dynamics (LEHD) Program, U.S. Census Bureau.

Last book read: "Gallimaufry: A Hodge-Podge of Words Vanishing from Our Vocabulary" by Michael Quinion.

In his own time: "Cycling, watching movies and documentaries."



Matsudaira

Jordan Matsudaira Assistant professor, policy analysis and management

College: Human Ecology

Academic focus: Labor economics, quantitative methods and public policies surrounding education, health and welfare. Current projects include an exploration of the impact of bilingual education on immigrant children's academic and labor market outcomes, and the extent of monopsony power (a state in which demand comes from one source) in the labor market for nurses.

Academic background: B.A., economics and East Asian studies, Union College, 1993; master's in public policy, John F. Kennedy School of Government, Harvard University, 1996; Ph.D., economics and public policy, University of Michigan, 2005.

Previous positions: Robert Wood Johnson postdoctoral scholar in health policy research, University of California-Berkeley,



Mettler

2005-07; research associate, Center on Addiction and Substance Abuse, Columbia University, 1998-2000; economist for Fujitsu Research Institute in Tokyo, 1996-2000.

Last books read: "The Emergence of Probability" by Ian Hacking; "Harry Potter and the Deathly Hallows" by J.K. Rowling.

In his own time: "Hiking and playing golf, volleyball and guitar."

Suzanne Mettler Professor of government

College: Arts and Sciences

Academic focus: How policies influence citizens' attitudes about government and participation in civic life and politics; analysis of the politics of U.S. social and educational policies.

Academic background: B.A., theology, Boston College, 1984; M.A., political science, University of Illinois, Champaign-Urbana, 1989; Ph.D., government, Cornell, 1994.

Previous position: Distinguished professor of political science, Maxwell School of Citizenship and Public Affairs, Syracuse University.

Last book read: "Lay of the Land" by Richard Ford.

In her own time: "Watching my older daughter swim and my younger daughter dance; swimming in Lake Cayuga and in the North Atlantic off of Cape Cod."

Researchers shed light on light-emitting nanodevice

BY ANNE JU

An interdisciplinary team of Cornell nanotechnology researchers has unraveled some of the fundamental physics of a material that holds promise for light-emitting, flexible semiconductors.

The discovery, which involved years of perfecting a technique for building a specific type of light-emitting device, is reported in the Sept. 30 online publication of the journal *Nature Materials*.

The interdisciplinary team had long studied the molecular semiconductor ruthenium tris-bipyridine. For many reasons, including its ability to allow electrons and holes (spaces where electrons were before they moved) to pass through it easily, the material has the potential to be used for flexible light-emitting devices. Sensing, microscopy and flat-panel displays are among its possible applications.

The researchers set out to understand the fundamental physics of the material – that is, what happens when it encounters an electric field, both at the interfaces and inside the film. By fabricating a device out of the ruthenium metal complex that was spin-coated onto an insulating substrate with pre-patterned gold electrodes, the scientists were able to use electron force microscopy to measure directly the electric field of the device.

A long-standing question, according to George G. Malliaras, associate professor of materials science and engineering, director of the Cornell NanoScale Science and Technology Facility and one of the co-principal

investigators, was whether an electric field, when applied to the material, is concentrated at the interfaces or in the bulk of the film.

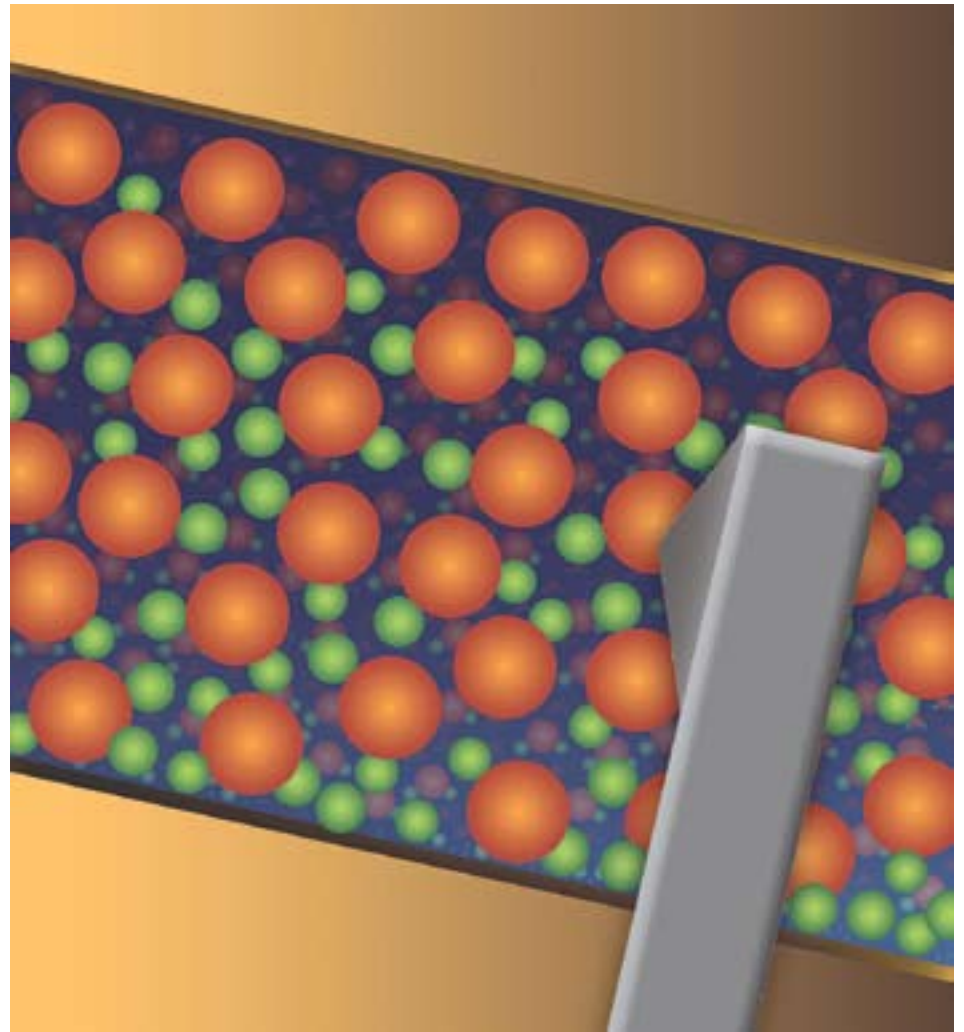
The researchers discovered that it was at the interfaces – two gold metal electrodes sandwiching the ruthenium complex film – which was a huge step forward in knowing how to build and engineer future devices.

“So when you apply the electric field, ions in the material move about, and that creates the electric fields at the interfaces,” Malliaras explained.

Essential to the effort was the ability to pattern the ruthenium complex using photolithography, a technique not normally used with such materials and one that took the researchers more than three years to perfect, using the knowledge of experts in nanofabrication, materials and chemistry.

The patterning worked by laying down a gold electrode and a polymer called parylene. By depositing the ruthenium complex on top of the parylene layer and filling in an etched gap between the gold electrodes, the researchers were then able to peel the parylene material off mechanically, leaving a perfect device.

Ruthenium tris-bipyridine has energy levels well suited for efficient light emission of about 600 nanometers, said Héctor D. Abruña, the E.M. Chamot Professor of Chemistry, and a principal co-investigator. The material, which has interested scientists for many years, is ideal for its stability in multiple states of oxidation, which, in turn, allows it to serve as a good



PROVIDED

A top view of the ruthenium tris-bipyridine light-emitting device created by Cornell researchers. The ruthenium metal complex is represented by red spheres, and counter ions are represented by green spheres. The material is sandwiched between two gold electrodes. Also visible is the probe of the electron force microscope used to measure the electric field of the device.

electron and hole transporter. This means that a single-layer device can be made, simplifying the manufacturing process.

“It’s not fabulous, but it has a reasonable emission efficiency,” Abruña said. “One of the drawbacks is it has certain instabilities, but we

have managed to mitigate most of them.”

Among the other authors were co-principal investigators Harold G. Craighead, the C.W. Lake Jr. Professor of Engineering, and John A. Marohn, associate professor of chemistry and chemical biology.

Elusive agent that triggers immune response in plants is finally uncovered by BTI researchers on campus

BY SUSAN S. LANG

Although plants lack humans’ T cells and other immune-function cells to signal and fight infection, scientists have known for more than 100 years that plants still somehow signal that they have been attacked in order to trigger a plantwide resistance. Now, researchers at the Boyce Thompson Institute for Plant Research (BTI) on the Cornell campus have identified the elusive signal in the process: methyl salicylate, an aspirin-like compound that alerts a plant’s immune system to shift into high gear.

This phenomenon is called systemic acquired resistance and is known to require movement of a signal from the site of infection to uninfected parts of the plant.

The findings are published in the Oct. 5 issue of *Science*. “By finally identifying a signal that moves from an infection site to activate defenses throughout the plant, as well as the enzymes that regulate the level of this signal, we may be in a position to alter the signal in a way that enhances a plant’s ability to defend itself,” said BTI senior scientist Daniel F. Klessig, an adjunct professor in plant pathology at Cornell, who conducted the work with Sang-Wook Park and other BTI colleagues.

Their approach, using gene technology to enhance plant immunity, could have wide consequences, boosting crop production and reducing pesticide use.

Methyl salicylate is a modified form of salicylic acid (SA), which has been used for centuries to relieve fever, pain and inflammation, first through the use of willow bark and, since 1889, with aspirin, still the most widely used drug worldwide.

In the 1990s, Klessig’s research group reported that SA and nitric oxide are two critical defense-signaling molecules in plants, as well as playing important roles in human health. Then, in 2003 and 2005, the group reported in the *Proceedings of the National Academy of Sciences* that an enzyme, salicylic acid-binding protein 2 (SABP2), is required for systemic acquired resistance and converts methyl salicylate (which is biologically inactive as it fails to induce immune responses) into SA, which is biologically active.

After plants are attacked by a pathogen, the researchers had previously found, they produce SA at the infection site to activate their defenses. Some of the SA is converted into methyl



PROVIDED

Daniel Klessig, Sang-Wook Park and Evans Kaimoyo examine one of their research subjects: a tobacco plant infected with tobacco mosaic virus.

salicylate, which can be converted back into SA by SABP2.

Using plants in which SABP2 function was either normal, turned off or mutated in the infected leaves or the upper, uninfected leaves, Klessig’s group showed that SABP2 must be active in the upper, uninfected leaves for systemic acquired resistance to develop properly. By contrast, SABP2 must be inactivated in the infected leaves by binding to SA.

“This inactivation allows methyl salicylate to build up,” explained Klessig. “It then flows through the phloem (or food-conducting “tubes”) to the uninfected tissue, where SABP2 converts it back into active SA, which can now turn on the plant’s defenses.”

Klessig said that it is unclear why plants send this hormone to uninfected tissue in an inactive form, which then must be activated by removal of the methyl group.

“This research also provides insight into how a hormone like SA can actively regulate its own structure – and thereby determine its own activity – by controlling the responsible enzyme,” noted Park, the lead author of the paper.

Research Notebook

‘Healthy’ restaurants help make us fat, says a new Cornell study

If you’re like most, you eat worst at healthy restaurants.

The “health halos” of healthy restaurants often prompt consumers to treat themselves to higher-calorie side dishes, drinks or desserts than when they eat at fast-food restaurants that make no health claims, according to a series of new Cornell studies.

The research, published in the October online version of the *Journal of Consumer Research*, found that many people also tend to underestimate by 35 percent just how many calories those so-called healthy restaurant foods contain.

“We found that when people go to restaurants claiming to be healthy, such as Subway, they choose additional side items containing up to 131 percent more calories than when they go to restaurants like McDonald’s, that don’t make this claim,” says Brian Wansink, author of “Mindless Eating: Why We Eat More Than We Think” (Bantam 2006) and the John S. Dyson Professor of Marketing and of Applied Economics and director of the Cornell Food and Brand Lab.

Wansink and co-author Pierre Chandon, a marketing professor at INSEAD, an international business school in France, also report that by simply asking people to reconsider restaurants’ health claims prompts them to better estimate calories and not to order as many side dishes.

They recommend that public policy efforts help people to better estimate the number of calories in foods.

“In estimating a 1,000 calorie meal, I’ve found that people on average underestimate by 159 calories if the meal was bought at Subway than at McDonald’s,” says Wansink. Since it takes an energy imbalance of 3,500 calories to put on one pound, that extra 159 calories could lead to almost a 5-pound weight gain over a year for people eating at Subway twice a week compared with choosing a comparable meal at McDonald’s with the same frequency, he says.

These studies, he says, help explain why lower-calorie menus at fast-food restaurants have not led to the expected reduction in total calorie intake and in obesity rates.

– Susan S. Lang

Carl Sagan and the Dalai Lama found deep connections in early '90s meetings

BY MELISSA RICE

Religion and science do not have to be at odds. Science, said Ann Druyan, widow of the late, world-famous Cornell astronomer Carl Sagan, can communicate with, learn from and even benefit from religion and vice versa.

Druyan, a writer and media producer who collaborated with Sagan for 19 years until his death in 1996, reflected on dialogues in the early 1990s between Sagan and the Dalai Lama at a Sept. 28 lecture in Anabel Taylor Auditorium. For the first time, film excerpts of the meeting between the two were shown in a public venue.

Sagan, Cornell professor and author of "Cosmos," "Contact" and "Dragons of Eden," among other books, was perhaps best known for his extraordinary ability to communicate science to the public. "He wanted to share with everyone the wonder and awe that science inspired in him," Druyan said.

She stressed that there were political motivations behind Sagan's work as well: "Carl believed that you can't have a democratic society if you have a tiny scientific elite and a public who is uncomfortable with the methods and language of science," she said.

Sagan entered the public eye in the 1960s – a time rife with changes in both culture and thought. The Catholic church had just switched from giving masses in Latin to local languages so that everyone could understand them, and Druyan said Sagan was trying to do the same for science.

The Dalai Lama, who has had a lifelong interest in science, first met with Sagan during a visit to Ithaca in 1991. Their discussion continued in India the following year, where the Dalai Lama cleared his calendar to spend a full day talking with Sagan and Druyan.

In the short segment shown of their conversations, Sagan asked the Dalai Lama about his beliefs in God and



JON REIS PHOTOGRAPHY/WWW.JONREIS.COM

Above: In 1991, Cornell Professor Carl Sagan had lengthy conversations with the Dalai Lama about science and religion.

Left: On Sept. 28, Ann Druyan, writer and media producer and widow of the late Carl Sagan, reflected on those conversations.



ROBERT BARKER/UNIVERSITY PHOTOGRAPHY

what he as a Buddhist would do if a discovery in science conflicted with Buddhist doctrine. The Dalai Lama replied that even Buddha was said to question his teachings and that Buddhists rely on doctrine as "findings" rather than as "scripture."

"If through thorough investigation things become clear, only then is it time to accept and believe," he said.

"So is there no conceivable scientific finding that would make you no longer consider yourself a Buddhist?" Sagan responded.

The Dalai Lama said there would be no point at which his spirituality and his respect for science would come at such odds with each other. "Buddhism is not so much a religion, but a 'science of the mind' or an 'inner science' ... there is much benefit to learning from [scientists'] findings," he explained.

Regarding the contributions of religion to science, Druyan said that while science has developed an amaz-

ing library of facts, it does not have the human social organization and the ability to inspire that religion has. That's why we have lost that magical excitement with space exploration that the world once shared, she said.

What science needs are more ambassadors. "We don't have a Carl Sagan right now," she said – a well-informed, ethical and passionate leader, versed in the arts and sciences, concerned about the planet yet willing to "get into any kind of trouble for the sake of the human future."

Druyan's lecture was one of many events on campus prefacing the Dalai Lama's Oct. 9 visit to Cornell. Many of the ideas she discussed are put forth in Sagan's latest book, "The Varieties of Scientific Experience: A Personal View of the Search for God," which she edited.

Graduate student Melissa Rice is a writer intern at the Cornell Chronicle.

Medical experts learn the call of the wild at Cornell



ROBERT BARKER/UNIVERSITY PHOTOGRAPHY

Doug Girling, an emergency medicine doctor at Glen Falls Hospital, traverses the gorge over Fall Creek in Ithaca. Girling is part of an emergency wilderness rescue team that rescues about 10 people a year, mostly in the Adirondacks.

BY KRISHNA RAMANUJAN

Imagine this: a member of a wilderness expedition team comes down with an ear infection, a 104-degree fever and dizziness. To make matters worse, the

team reaches a 50-foot-wide gorge that it must cross suspended on ropes above a rushing stream, a procedure known as a Tyrolean traverse.

This was the crisis presented to 20 physicians and emergency medical technicians attending a breakout session at the three-day Northeast Wilderness Medicine Conference, Sept. 26-28, at Cornell. The Wilderness Medical Society, Weill Cornell Medical College (WCMC), NewYork-Presbyterian Hospital (NYPH) and Cornell Outdoor Education sponsored the conference.

More than 150 conference participants heard from Cornell faculty and emergency doctors about such topics as animal injuries in the backcountry, medical complications of high altitudes, snakebites, dive medicine,

hypothermia, geriatric concerns and, of course, how to cope with injured patients in precarious outdoor environments.

"A lot of the participants are physicians – family practice and emergency medical doctors – who see this as a way to combine their love for the outdoors with their profession," said Todd Miner, executive director of Cornell Outdoor Education and the convener of the conference.

Afternoon breakout sessions included

hands-on training in rock climbing safety, swift water rescue, backcountry preparation, vertical rope rescue techniques, wilderness survival and sea kayaking safety and rescue.

During the Tyrolean traverse workshop over Fall Creek, for example, the group of about 20 participants crowded by the edge of the gorge while Cornell Outdoor Education instructor Dan Tillemans explained that the first step in crossing a gorge is to get one person to the other side by either rappelling or climbing down, swimming across and

climbing up the other side. That person can either carry the end of a rope or, once across, catch a fishing line on a lead weight tossed or slingshot across. Ultimately, two 5,000-pound test weight ropes traversing the gorge are tied to anchors, preferably

large tree trunks. Fortunately, a nearby footbridge meant instructors were able to easily prepare the ropes ahead of time.

Tillemans and Cornell Outdoor Education instructor Tim Woods, a former special operations military rescuer, also gave a crash course in knot tying, including the overhand knot, a figure eight, a figure eight on a bight, a water knot, a girth hitch, a double girth hitch and a prusik loop. "With that series of knots, you can set up this

[gorge traversing] system," said Tillemans.

Each participant played a role in the hypothetical situation of crossing the gorge with a sick comrade. Mária Némethy, an emergency medicine resident at St. Luke's Rosemont Hospital in New York City, played the victim with a debilitating ear infection.

"I like to spend a lot of time outdoors," she said, lying on a poncho waiting her turn to traverse. "So even hiking with a group of friends or even in the future professionally, a lot of this is very useful."

Once the ropes were tightened, pulleys and carabiners attached and the system checked, Doug Girling, an emergency medical doctor from Glen Falls, crossed first, suspended over the gorge in his waist harness and red helmet, pulling himself across hand over hand on the ropes. He also works on a wilderness emergency team that conducts up to 10 rescues a year mainly in the Adirondacks. Rescue operations often require overnight stays and wilderness survival skills, he said.

When Némethy's turn came, she dangled helplessly from her harness and was pulled across with a rope. Flavio Gaudio, a WCMC attending physician, made it across easily but not before slashing his leg on a sharp rock.

"It's just skin," he said, squeezing the blood gently from the 5-inch gash near his shin. When others offered to help, he waved them off. He had sutures and gauze in his bag, he said, and could stitch it up himself.

Edited by Franklin Crawford FAC10@cornell.edu

FOCUS ON **social sciences**

LINDSAY FRANCE/UNIVERSITY PHOTOGRAPHY



Sarah Soule, professor of sociology, leads a new study with a Brigham Young University assistant professor.

Study finds that social protests hurt stock prices: Media coverage, not size, matters

BY FRANKLIN CRAWFORD

Corporate leaders at Dow Chemical, Cracker Barrel and Eastman Kodak have learned the hard way that public protests can drive down the value of an otherwise healthy stock.

A new study led by Sarah Soule, professor of sociology at Cornell, and Brayden King, assistant professor of sociology at Brigham Young University, examines how organized public protest affects “abnormal stock price returns” – an indicator of investor reaction to a focal event. The report, “Social Movements as Extra-institutional Entrepreneurs: The Effect of Protest on Stock Price Returns,” is published in the September 2007 issue of

Administrative Science Quarterly.

Among the findings: Protests are more influential when they target issues dealing with critical stakeholder groups – shareholders, for instance – or when generating greater media coverage. Also, corporate targets are less vulnerable to protest when the media has given substantial coverage to the firm prior to a protest.

The study uses data from 342 protests between 1962 and 1990, as reported in The New York Times. The reliance on a single media source makes sense, Soule said, given that “there is a long history of using The New York Times for data on protest in the U.S., and [it] has been called the ‘gold standard’ for

such information. Nonetheless, the authors conducted extensive reliability and validity checks using the The Wall Street Journal and Washington Post as alternative sources.

“Because the major financial exchanges in the U.S. are located in New York City, the Times is ideally positioned to cover protests of business corporations,” she said. “[However] we do not assume that this is necessarily the source of information used by investors.”

The researchers found that protests related to labor or consumer issues provoke a more negative reaction from investors and, perhaps more obviously, that protests with greater levels of media coverage provoke a stronger negative reaction by investors. In fact, media coverage had far more influence on investor behavior than the actual size of the protest itself, the study showed. However, the study showed that prior media coverage of a firm mitigated the influence of a protest because it “provides alternative information to investors that may contradict the messages broadcast by protestors.”

Protests by the National Gay and Lesbian Task Force against Cracker Barrel’s disastrous 1991 policy to dismiss all gay and lesbian employees, for example, resulted in a national boycott of the chain. The company’s stock fell 26 percent below the expected return – in one month – even though national sales remained stable. Although Cracker Barrel officials retracted the policy, shareholders forced the company to adopt a nondiscrimination policy regarding same-sex orientation.

In the 1960s, Dow Chemical’s stock took a beating when investors organized a protest against its production of napalm; protests against discriminatory hiring policies at Eastman Kodak in the late-1960s hurt the Rochester-based company and forced change.

“Many activists feel that their actions have little or no effect on what corporations do,” said Soule. “To the extent that corporations care about their stock price, it seems important to emphasize that social movement activity – for example, protest – can affect stock price.”

What's happening

Sustainability workshop Oct. 22-23

A two-day workshop on “Projectification, Governance and Sustainability: United States-European Union Synthesis and Comparison” explores the seeming proliferation and significance of organizational structures that contribute to sustainable development. Convenors include Steven Wolf, Cornell assist professor of Social Sciences; Stefan Sjöblom, University of Helsinki, Swedish School of Social Science; and Sarah Skerratt, Scottish Agricultural College. Oct. 22 and 23, from 9 a.m. to 4:30 p.m. in the Rowe Room at the Statler Hotel. For more information, see <<http://sockom.helsinki.fi/forum/eng/CornellWorkshop.html>>.

Kali Gross at Africana

On Oct. 23, The Africana Studies and Research Center Fall 2007 Colloquium Series features Kali Gross of Drexel University speaking on “Colored Amazons: Crime, Violence and Black Women in the City of Brotherly Love, 1880-1910,” at 4:30 p.m. in the Africana Center’s Multipurpose Room, 310 Triphammer Road.

Talk on school readiness disparities

On Oct. 24, The Department of Human Development hosts its annual Henry Ricciuti lecture with guest speak Jeanne Brooks-Gunn, co-director of the National Center for Children and Families at Columbia University, discussing “Ethnic and Class Disparities in School Readiness: Closing the Gap,” at 4:30 in MVR 673.

spotlight ON CONTENTIOUS KNOWLEDGE

The Institute for the Social Sciences Knowledge in Contention workshop continues through today and rolls all day Saturday, Oct. 6 in the ILR Conference Center. In a stimulating scholarly fusion, the three-day workshop has assembled a distinguished group of academics whose expertise is rarely compounded – in this multidisciplinary exercise, experts who study social movements and contentious politics are working with those focused on social studies of scientific knowledge. How the safety of “Frankenfoods” and genetically modified organisms or World Bank economic advice become political hotbeds are examples of the types of questions scholars will address. All events are free and open to the public. For a full schedule and description see <<http://www.socialsciences.cornell.edu/0609/Knowledge.html>>.

Ehrenberg receives CASE's Warwick award

Ronald G. Ehrenberg, the Irving M. Ives Professor of Industrial and Labor Relations and Economics and Director of the Cornell Higher Education Research Institute (CHERI), has received the H.S. Warwick Research Award for Outstanding Published Scholarship from the Council for Advancement and Support of Higher Education (CASE) for his edited volume, “What’s Happening to Public Higher Education?” (American Council on Education/Greenwood Press, 2006). A paperback edition is being issued by Johns Hopkins University Press this fall.

ILR study on misclassification spurs task force

BY FRANKLIN CRAWFORD

New York Gov. Eliot Spitzer has charged the Department of Labor with leading a Joint Enforcement Task Force to investigate the state’s runaway problem of employee misclassification. The announcement, made in September and reported in The New York Times, referenced a study by Cornell ILR researchers, “The Cost of Worker Misclassification in New York State.”

An estimated 700,000 workers, or 10.3 percent, of the state’s private-sector workforce are intentionally or mistakenly misclassified as independent contractors instead of as employees, according to the study. Employers who misclassify these workers – intentionally or accidentally – do not pay into state unemployment insurance and Workers’ Compensation nor do they withhold taxes for income, Social Security and Medicare. As a result, the state’s unemployment insurance fund alone loses approximately \$176 million each year – a fact that is prompting reviews by both state and federal policymakers.

The study, conducted by Linda Donahue and Fred Kotler, both ILR senior extension associates, and James Ryan Lamare, ILR Ph.D. candidate, was released earlier this year and reported in The New York Times in June. The full report is available online at <<http://digitalcommons.ilr.cornell.edu/briefs/28/>>.

“There were efforts to address the problem under the Pataki administration in the 1990s, but earlier recommendations were never taken up,” said Kotler. “This looks like a wholly different effort ... that, hopefully, will lead to concrete enforcement and agency action.”

Workers mislabeled as independent contractors do not receive the statutory protections afforded “employees,” such as the right to unionize, be paid minimum wages and overtime, and be included in employee benefit plans. Violations exist primarily in the construction industry, health care, retail sales, transportation, and, hotel and restaurants as well, Kotler said.

The study found that approximately 39,500 employers misclassify workers each year, according to figures from state agency audits.

Kotler said the problem has grown in the last 10 years



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due to lack of regulatory enforcement coupled with unbridled competition across labor sectors.

“Overall, enforcement will tend to level the playing field for workers and employers,” said Kotler. “There are unscrupulous business owners who are taking terrible advantage of employees. Intentional misclassification gives them an unfair competitive advantage over law-abiding employers. Both business and government have a direct interest in vigorous enforcement. Unemployment insurance and workers compensation funds are significantly short-changed as are state and federal tax revenues.”



> INSIDE

- President Skorton's annual address to staff
- Benefits Open Enrollment
- Staff development opportunities
- General employment sessions

WorkLIFE at Cornell

Skorton credits staff for university's achievements, focuses on caring community

BY NANCY DOOLITTLE

"People refer to schools like Cornell as small cities or complex organizations. But Cornell's 8,500-plus staff members are the core of the university – this small city operates because of the things you do every day," said President David Skorton, in opening his annual address to about 350 Cornell staff members, Oct. 1, at the Statler Auditorium.

In highlighting some of the university's achievements this past year, Skorton noted Cornell's recent recognition as the "hottest Ivy," saying that "all of you, individually and collectively, have played a role in Cornell's success."

The number of student applications that Cornell receives and its international reach – currently ranking 13th among the leading host institutions for international students in the United States and soon to graduate its first M.D. class from the Weill Cornell Medical College-Qatar in spring 2008 – are further evidence of Cornell's "hottest" rating, he said.

Skorton also drew attention to the capital campaign,



LINDSAY FRANCE/UNIVERSITY PHOTOGRAPHY
Janet Henry, administrative assistant, Employee Assistance Program, listens to the president's annual address to staff.



LINDSAY FRANCE/UNIVERSITY PHOTOGRAPHY
President David Skorton addresses staff members in Alice Statler Auditorium Oct. 1, 2007. Also on stage is Brian Cornell, Employee Assembly Chair, and Mary George Opperman, Vice President for Human Resources.

which this year raised more than \$1.7 billion toward the goal of \$4 billion, with \$18.4 million in unrestricted funds. "This shows a huge vote of confidence in what you are doing and what the faculty does," he said.

The work on Cornell's Comprehensive Master Plan and Cornell's commitment to sustainability are two further areas wherein staff have played critical roles this past year, Skorton said, pointing out the history on campus to promote the stewardship of resources and that a faculty/staff task force will soon be convened to look for ways to be even better stewards.

But the theme that Skorton returned to most often, both in his prepared remarks and in the question session that followed, was the role that staff play in creating a

welcoming, inclusive, caring community. The concepts of diversity and inclusion are often catchwords, he said, but

'I've never met anyone who has not faced a significant life challenge. For Cornell to truly be a caring community, we need to start by being gentle to ourselves.'

- President David Skorton

Cornell strives to make them a reality. Highlighting the two recent awards that Cornell has received from Working Mother magazine (for the second year in a row) and the American Association for Retired Persons (for the third consecutive year), Skorton said, "We view these awards, as welcome as they are, as an incentive to do even better."

He then referenced the upcoming series of lunch conversations, open to Cornell staff and faculty, that will be hosted by Mary George Opperman, vice president for human resources, and Lynette Chappell-Williams, director of the Office of Workforce Diversity, Equity and Life Quality (see sidebar).

Continued on next page

Open enrollment for all Select Benefits 2008 and endowed health set for Nov. 1-21

Note: This is the first of a four-part series on Cornell's benefits open enrollment choices.

Benefits Open Enrollment is different this year from that in years past.

The Open Enrollment period for certain benefits will run Nov. 1 until just before Thanksgiving. The Nov. 21 deadline applies not only to the choice of endowed health and dental plans, but also to contract college and endowed faculty and staff enrolling in a Select Benefits Medical Care or Dependent Care Reimbursement Account.

"We are encouraging staff and faculty to take care of all of their Cornell open enrollment decisions at once, rather than having to remember several different deadlines," said Paul Bursic, director of

Benefit Services. "If endowed faculty and staff enroll in one of the health plans on or before Nov. 21, we can guarantee that they will have their enrollment in place on Jan. 1 and health plan ID cards on time."

Having proof of insurance on the first effective date of the 2008 plan will facilitate visits to health-care providers. "With a Nov. 21 deadline, the benefits vendors will have ample time to process all enrollments and to produce and mail insurance and prescription cards to all enrollees before the new year begins," Bursic said.

"But, if you don't have time to make a careful decision, or if you enroll in something and then decide to change your enrollment, there will be a 'correction period' from Nov. 22 to Dec. 31," Bursic noted. "During that time, you will still

be able to change or correct any of your enrollment choices for 2008, but we cannot ensure that the health plan will recognize your enrollment until later in January. Eventually, you will be registered and fully covered, but you may not receive verification of coverage or your ID card until late January or even February."

This change in process is especially important this year, as Cornell will be offering two new health plans in addition to the current three health plans it offers to endowed staff and faculty, making for a total of five health plan choices.

The two new health plans – the Cornell Program for Healthy Living plan and the Health Savings Account plan – offer some very specific features that are not avail-

Continued on next page

Endowed staff to have five health-care plan choices

Continuing plans:

- HealthNow (the HealthNow preferred provider organization, or PPO)
- Aetna Open Choice (the Aetna preferred provider organization, or PPO)
- Aetna 80/20 Plan (traditional "indemnity" plan)

New plans for 2008, both managed by Aetna and utilizing Aetna's nationwide network of preferred providers:

- Cornell Program for Healthy Living (with wellness incentives and programming)
- Health Savings Account (pre-tax savings account combined with high-deductible health plan)

Skorton continued from previous page

When asked for other ways in which Cornell can truly become a caring community, Skorton said, "I've never met anyone who has not faced a significant life challenge. For Cornell to truly be a caring community, we need to start by being gentle to ourselves." Members of the Cornell student community need to call for help when they need it, he said, recognize that everyone has life issues and encourage others to use the support services that are available.

Skorton advised staff to find at least 15 minutes each day to do something that makes them feel good. He explained that he is taking flute lessons once a month from a graduate student and enjoys walking around campus.

And, in answer to a question on the recent university request for emergency contact information, Skorton noted that in addition to high- and low-technology solutions for emergency preparedness, "Nothing will replace all of us caring for each other."

At a pizza lunch that followed, staff members pointed to the sense of approachability and caring that Skorton conveyed. "He's very personable," said Pam Dollaway, athletics and physical education, "I feel Cornell is very fortunate to have him here."

"The topics he talked about were very relevant," added Gerry Rice, alumni affairs and development.

Perhaps summing up the tone of the president's address were the words that Opperman used to introduce

him: "I have seldom met a person so truly interested in people. ... We will always be working to get better, to be a better employer. But when you have a leader who truly puts people first, that challenge is made less daunting. His commitment to the people of Cornell creates an energy that is contagious."

Join in 'Best Employer' conversations

Cornell continues to be recognized as a "best employer" for its many human resource policies and programs, including child-care and flexibility programs, family-leave, adoption-assistance, educational policies and health and retirement programs.

To celebrate the achievement of the Working Mother and AARP awards, as well as to improve on policies and increase awareness on accessing these programs, Cornell will sponsor these free light lunches from noon to 1 p.m.:

- Oct. 8: Memorial Room, Willard Straight Hall; registration filled.
- Oct. 15: third floor, Appel Commons
- Nov. 5: Statler Hotel Ballroom

To register for the two sessions above, e-mail <aro2@cornell.edu> by Oct. 10.

For more information, call (607) 254-2769.

Benefits continued from previous page



Bursic

able in Cornell's current plans. The Cornell Program for Healthy Living provides incentives for pursuing a wellness lifestyle; the Health Savings Account plan provides a tax-free means to save and pay for future medical expenses.

"You should look over your choices thoroughly this year, because you will see two very significantly different health plans available to you. This time you may seriously consider

changing plans to meet your needs in ways not available before," Bursic said.

More details about both new endowed health plans, as well as about enhancements to the endowed dental plan, will be forthcoming in this series of WorkLife at Cornell articles as well as in an open enrollment booklet that will be mailed to all faculty and staff in early November. As usual, Cornell's benefits vendors and other vendors related to health and wellness will be available at the annual BeneFair, slated for Wednesday, Nov. 7, in G10 Biotechnology Building.

Next week's issue of WorkLife at Cornell will include more information on the two new plans.

What's New www.ohr.cornell.edu

Staff Development

Workshops

Register for the following courses at: <http://cornell.veplan.net/Education/catalog.aspx>. Questions can be directed to Organizational Development Services at (607) 254-6400.

Learning about the Accommodation Processes (Religious & Disability) – Oct. 11; 11:30 a.m. - 12:45 p.m.; 163 Day Hall; no charge

Conducting Effective Performance Dialogues – Oct. 12; 9 a.m. - 12 p.m.; 163 Day Hall; no charge

Cornell Children's Tuition Scholarship (CCTS) Program Workshop – Oct. 15; 1:30 - 3:30 pm; 163 Day Hall; no charge

Introduction to Assertiveness Part 1 – Oct. 16; 2:30-3:30 p.m.; 128 Rockefeller Hall; no charge

Introduction to Assertiveness Part 2 – Oct. 23; 2:30-3:30 pm; 128 Rockefeller Hall; no charge

Resume Guidance & Interviewing Techniques – Oct. 24; 12-1 p.m.; B16 Day Hall; no charge

New Supervisor Orientation Certificate Program (7 weekly sessions) Oct. 25 - Dec. 13; 9 a.m. - 4 p.m.; 20 Thornwood Dr., Ste. 101; \$275

Have You Wanted to Get a Cornell Degree? Undergraduate - Oct. 29; 1:30-3:30 p.m.; 163 Day Hall; no charge

SkillSoft Online Courses

More than 2000 online courses are offered online at no charge to you or your department. Contact Organizational Development Services at (607) 254-6400 or <org_dev-mailbox@cornell.edu> to obtain an ID and password. You can then access the SkillSoft e-learning site at <http://suny.skillport.com>.

SkillSoft Open House: Oct. 18; 12-1 p.m.; G25 Stimson Hall; to register visit: <http://cornell.veplan.net/Education/catalog.aspx>.

Communicating with Power and Confidence (ADM0114): Today, administrative support professionals run team meetings, benchmark, and make presentations to senior management. Administrative support professionals who can communicate, teach, guide, mentor, and make important decisions have a greater chance of achieving upward mobility in the workplace. This course will show you how to communicate with power and confidence. Expected Duration: 3.0 hours

Using Adobe Reader 6.0 (221552_eng): In this course, you will learn to use the functions and features of the work area; fill in PDF forms; open and navigate a PDF document; use the search facility; review and edit a PDF; customize Adobe Reader; recognize the accessibility, image, and eBook features; and use advanced

features to search, edit, and customize a PDF document. Expected Duration: 2.6 hours

TC3 Mentor

Tompkins Cortland Community College mentor, Ken McEwan, is available to assist Cornell University staff members and their families who are taking, or are interested in taking, TC3 courses. Ken is available to meet on: Oct. 10; 11:30 a.m. - 2 p.m.; 163 Day Hall and Oct. 17; 11:30 a.m. - 2 p.m.; B16 Day Hall.

The TC3 mentor can be reached via e-mail: <mcewank@tc3.edu> or call 844-8211 Ext. 4204.

Technical Training

CIT Training & Documentation is offering the following classes. View the complete course schedule at: <http://cornell.veplan.net/article.aspx?&a=3612> and register for classes at: <http://cornell.veplan.net/Education/catalog.aspx?c=629>. Please direct any questions about these classes to: <workshop-info@cornell.edu>.

Cascading Style Sheets Getting Started – Oct. 9; 1-4 p.m.; B04 CCC Bldg; no charge

Word- Working with Styles and Templates – Oct. 9; 1-3 p.m.; B04 CCC Bldg; no charge

SourceForge - Managing Documents – Oct. 11; 9:30 a.m. – 11:30 a.m.; 217 CCC Bldg; no charge

Word- Working with Graphics and Layouts – Oct. 16; 9 a.m.-12 p.m.; B04 CCC Bldg; no charge

Visio 2003 Foundation Series II – Nov. 2; 8:30 a.m. - 4:30 p.m.; 120 Maple Ave., room 150; register by Oct. 12; \$120

Web Accessibility for Web Designers (WYSIWYG) – Nov. 8; 8:30 a.m. - 4:30 pm.; 120 Maple Ave., room 150; register by Oct. 8; \$290

Web Accessibility for Web Developers – Nov. 9; 8:30 a.m. - 4:30 p.m.; 120 Maple Ave., room 150; register by Oct. 8; \$290

Excel 2003 Foundation Series III – Nov. 30; 8:30 a.m. - 4:30 p.m.; 120 Maple Ave., room 150; register by Oct. 30; \$110

Recreation & Wellness

Programs at Cornell's Arnot Forest

Drawing from Nature: 8 Wednesdays: Oct. 17, Oct. 24, Nov. 7, Nov. 14, Nov. 28, Dec. 5, Dec. 12 (No class 10/31 or 11/21); 6:30-8:30 p.m.; \$85/person; Pre-registration is required.

In this class at the Arnot Forest, you will learn how to draw objects from nature using paper and pencil and you will be introduced to other dry media (colored pencil, charcoal, conte-crayon, charcoal pencil, etc.). Students will learn line, proportion, composition and shading. We'll draw every class and talk about your work (a lot of positive and constructive feedback will be given). This class is open to teens and adults, no prior drawing experience or talent necessary! All materials supplied.

To register for programs, call (607) 535-7161.

For information on Cornell's Arnot Forest, visit: <http://www.arnotforest.info>. Please call (607) 255-2815 for last minute updates or to check for cancellations.

Benefits Appointments

Financial Consultations

To schedule an appointment, contact one of the following financial representatives:

AIG VALIC: 1-800-892-5558, ext. 88174

TIAA-CREF: 1-877-209-3144
Oct. 10, 11, 17, 18 (130 Day Hall)

MetLife: 1-315-521-1830. For more information call 273-7341 (Ithaca) or 1-315-781-8603 (Geneva)
Oct. 12, 19 (130 Day Hall)
Oct. 10, 17 (Geneva)

Fidelity: 1-800-642-7131
Oct. 9, 16 (130 Day Hall)

ING (Contract College only): 1-888-883-6320 (10:30 a.m.-2 p.m.)
Oct. 9, 16 (Vet School)

Aetna Inc. Phone Appointments

Aetna Inc. is available for phone appointments every Tuesday to resolve endowed health care claims issues. Contact Petra Tremblay in Benefit Services at (607) 255-7508 or e-mail: <pat24@cornell.edu> to schedule an appointment.

Auto/Home Insurance

Andrea Inman, Marsh@Work Solutions representative, is on campus every Monday in Day Hall from 10:15 a.m. - 1:45 p.m. For an appointment, call (800) 553-4861 and press 4. Walk-ins are welcome; please stop in at 130 Day Hall.

Jobs at Cornell

All current job opportunities are posted online at <http://www.ohr.cornell.edu/jobs>.

Applicants for non-academic staff, librarian, and bargaining unit positions must apply online at this site; applicants for all other positions must follow the instructions provided in each listing. You must apply separately for each position in which you are interested.

If you do not have easy access to a computer, computers are available at various locations across campus, local employment agencies, area libraries, and the Recruitment and Employment Center.

If you have questions about employment or temporary opportunities at Cornell, please contact Cornell's Recruitment and Employment Center at (607) 254-8370; TTY (607) 255-4943; 337 Pine Tree Rd. East Hill Plaza, Ithaca, NY 14850; e-mail <employment_svcs@cornell.edu>. The Recruitment and Employment Center is open Monday-Friday, 8 a.m.-4:30 p.m.

Additional information about opportunities at Cornell is available at General Employment Sessions that are held each month. Upcoming:

- Oct. 11; 9 a.m.-12:30 p.m.; Cortland Works, 99 Main St., Cortland, NY. Advanced registration is required. To register, contact Robin Sandwick at (607) 756-7585 or via e-mail <employed@cortland-co.org>.

- Oct. 23; 10-11:30 a.m.; The Recruitment and Employment Center, 337 Pine Tree Rd., East Hill Plaza, Ithaca, NY. Advanced registration is required. To register, contact Janet Beebe at (607) 254-8370, TTY (607) 255-4943, or via e-mail <employment_svcs@cornell.edu>.

WorkLife at Cornell

Online: www.ohr.cornell.edu
Editor: Nancy Doolittle, <njd3@cornell.edu>
Layout: Shannon Austin, <sla29@cornell.edu>

Division of Human Resources
Cornell University
130 Day Hall, Ithaca, New York 14853

Cornell University Statement on Equal Education and Employment Opportunity

Cornell University has an enduring commitment to support equality of education and employment opportunity by affirming the value of diversity and by promoting an environment free from discrimination.

Association with Cornell, either as a student, faculty, or staff member, involves participation in a free community where all people are recognized and rewarded on the basis of individual performance rather than personal convictions, appearance, preferences (including sexual or affectional orientation), or happenstance of birth.

Cornell University's history of diversity and inclusion encourages all students, faculty and staff to support a diverse and inclusive university in which to work, study, teach, research and serve.

No person shall be denied admission to any educational program or activity or be denied employment on the basis of any legally prohibited discrimination involving, but not limited to, such factors as race, color, creed, religion, national or ethnic origin, sex, sexual orientation, age, gender identity or expression, disability, or veteran status. Cornell University is an affirmative action/equal opportunity employer.

Concerns and complaints related to equal opportunity in education and in employment based on aspects of diversity protected under federal, state, and local law, including sexual harassment complaints filed by any member of the Cornell community against an academic or non-academic staff member, as well as complaints arising under Title IX should be directed to the Office of Workforce Diversity, Equity and Life Quality, 160 Day Hall, Ithaca, New York 14853-2081 (Telephone: (607) 255-3976, Facsimile (607) 255-7481, Telecommunications Device for the Deaf, (607) 255-7066, <http://www.ohr.cornell.edu/contactHR/workLifeDiversity/index.html>).

Cornell University is committed to assisting those persons with disabilities who have special needs related to their educational pursuit or employment. Information on services provided to prospective and current Cornell students with disabilities can be obtained by contacting the Student Disability Services Office, 429 Computing and Information Center, Ithaca, New York 14853-2081 (Telephone: (607) 254-4545, Facsimile (607) 255-1562, Telecommunications Device for the Deaf, (607) 255-7665, <http://www.cit.cornell.edu>). Current employees in need of a workplace accommodation pursuant to the Americans with Disabilities Act or New York state law should contact Medical Leaves Administration, Surge 3 Facility, Ithaca, New York 14853 (Telephone (607) 255-3708, Facsimile (607) 255-9649, Telecommunications for the Deaf (607) 255-7066). Prospective employees should contact the Office of Workforce Diversity, Equity and Life Quality, 160 Day Hall, Ithaca, New York 14853-2081 (Telephone: (607) 255-3976, Facsimile (607) 255-7481, Telecommunications Device for the Deaf, (607) 255-7066.

>Assemblies

Cornell University's Office of the Assemblies provides administrative support to the elected assemblies and trustees at Cornell, as well as any committees or activities sponsored by these groups. For more information about this office or about any of the assemblies listed, go to <http://assembly.cornell.edu>.

Student Assembly

The SA meets every Thursday during the academic year.

The next meeting will be Oct. 11, 4:45-6:30 p.m., Willard Straight Hall Memorial Room.

University assembly

The next meeting will be Oct. 10, 4:30 p.m., 701 Clark Hall.

exhibits**Herbert F. Johnson Museum of Art**

Open Tuesday through Sunday, 10 a.m. to 5 p.m. Free admission to all events and exhibitions. For information, call (607) 255-6464 or visit <http://www.museum.cornell.edu>.

- "Tibetan Buddhist Sand Mandalas," through Oct. 13.
- "Studied Elegance: Italian Master Drawings from the Askin Collection," through Oct. 28. Works from the Renaissance through the 18th century.
- "Stop. Look. Listen: An Exhibition of Video Works," Oct. 13 through Dec. 23. Video works in temporary exhibition galleries, lobby and façade.
- "Frank Lloyd Wright Art Glass from the Darwin D. Martin House," ongoing.
- Art and Culture of Tibet: Oct. 13, 1-4 p.m. Celebrate Tibetan art with performances, activities, tastes and ceremony marking the dissolution of the "Tibetan Buddhist Mandalas," sand mandala. A shuttle from Cornell's A lot will run 12:45-4:30 p.m.
- Symposium: Oct. 19-20. Artists, scholars and educators address topics relevant to the state of contemporary video art. Register by Oct. 12. For information or to register, call (607) 254-4642.

Comstock Memorial Library of Entomology

"Caught Between the Pages: Treasures from the Franclemont Collection," through Oct. 15, Comstock Hall, second floor. Selections from the personal library of late professor of entomology and lepidopterist John G. Franclemont.

Kroch Library

"Lafayette, Citizen of Two Worlds," through April 12, Hirshland Exhibition Gallery.

Laboratory of Ornithology

Mirror Nest Exhibit, through Oct. 31, graduate student Shea Hembrey's aluminum replicas of bird nests, along Sapsucker Woods Sanctuary trails and in the Lab's observatory. Free.

Olive Tjaden Galleries

• "Metropolis Geologies and Postscript," work by Jackie Stluka, B.Arch. '07, through Oct. 6, Experimental Gallery, Olive Tjaden Hall. Stluka received the 2007 Cornell University Undergraduate Artist Award from the Cornell Council for the Arts.

• Art Alumni Career Forum: John Ahearn '73, Oct. 12, 1:30 p.m., Olive Tjaden Gallery. For information, contact Dureatha Oliver at (607) 255-7696.

Mann Library

For library hours visit <http://www.manlib.cornell.edu> or call (607) 255-5406.

- "Visualizing Meaning," installation by Jeni Wightman, through Oct. 15.
- "Landscape Architecture," recent work by graduate students, October.
- "Earth Patterns," geographic imagery by artist Jay Hart, November.

films

Films presented by Cornell Cinema and open to the public; in Willard Straight Theatre except where noted. Regular admission prices: \$6.50 (\$5 for senior citizens; \$4 for Cornell students and ages 12 and under). For information, contact Mary Fessenden at (607) 255-3883 or visit <http://cinema.cornell.edu>.

Cornell Cinema will be closed Oct. 5-9 for Fall Break.

Oct. 10

"Manufactured Landscapes" (2006), directed

>October 5-14

calendar

PROVIDED

Notes: 'Sustainability Cinema' series begins

Disturbingly gorgeous photographs force the viewer to see our industrial, globalized world from completely new perspectives in "Manufactured Landscapes," screening Oct. 10-16 series at Cornell Cinema. With revealing images by Canadian photographer Edward Burtynsky, including his large-format work in China, the film "asks urgent and painful questions about what we have done to the world, whether it's been worth it and what, if anything, we can do to change it," a Salon.com reviewer says.

"Sustainability Cinema" also features the documentaries "The Real Dirt on Farmer John" (Oct. 17), about a bankrupt hippie farmer reborn as a Community-Supported Agriculture-invested organic grower; "The Shape of Water" (Oct. 23), portraits of visionary women working to save rubber trees, rainforests and Himalayan seeds; "Plagues and Pleasures on the Salton Sea" (Oct. 24), about the outsider enclave living near an ecological disaster in California, narrated by John Waters; "Bullshit" (Oct. 31), featuring Indian physicist and environmental activist Vandana Shiva; and "Crude Impact" (Nov. 7), presenting a devastating case against fossil fuels. For more information on Cornell Cinema, call (607) 255-3522 or visit <http://cinema.cornell.edu>.

by Jennifer Baichwal, with Edward Burtynsky, 7 p.m.

"A Mighty Heart" (2007), directed by Michael Winterbottom, with Angelina Jolie and Dan Futterman, 9 p.m.

Oct. 11

"Lady Chatterley" (2007), directed by Pascale Ferran, with Marina Hands, 6:45 p.m.

"Eagle vs. Shark" (2007), directed by Talka Cohen, with Jemaine Clement and Loren Horsley, 10 p.m.

Oct. 12

"Lady Chatterley," 6:45 p.m., Uris.

"Manufactured Landscapes," 7 p.m. With panel discussion.

"A Mighty Heart," 10 p.m.

"Eagle vs. Shark," 10 p.m., Uris. Grad students \$2.

Oct. 13

"A Mighty Heart," 5 p.m. (\$4) and 10 p.m.

"Lady Chatterley," 6:45 p.m., Uris.

"Manufactured Landscapes," 7:15 p.m.

"Eagle vs. Shark," 10 p.m., Uris.

Oct. 14

"Lady Chatterley," 4 p.m. \$4.

"Jefferson in Paris" (1995), directed by James Ivory, with Nick Nolte, 7:30 p.m.

Oct. 15

"Celine and Julie Go Boating" (1974), directed by Jacques Rivette, with Juliet Berto and Dominique Labourier, 7 p.m.

Oct. 16

"Manufactured Landscapes," 7 p.m.

"FtF: Female to Femme" (2006), directed by guest filmmaker Kami Chisholm, with Guinevere Turner and Jewelle Gomez, Oct. 16, 7:30 p.m., Schwartz Center for the Performing Arts Film Forum. Co-sponsored by Feminist, Gender and Sexuality Studies and Lesbian, Bisexual & Gay Studies.

"Celine and Julie Go Boating," 9 p.m.

Oct. 17

"The Real Dirt on Farmer John" (2006), directed by Taggart Siegel, 7 p.m.

"Tambogrande: Mangos, Murder, Mining" (2007), directed by Ernesto Cabellos and Stephanie Boyd, 7 p.m., Uris. Sponsored by Latin American Studies Program.

"Transformers," (2007), directed by Michael Bay, with Shia LaBeouf and Megan Fox, 9:15 p.m.

Oct. 18

"Seasons of MacDowell" (2007), directed by Michael Almercyda, George Griffin, David Peterson and Elizabeth Subrin, 7:30 p.m. \$4.

MacDowell Program 1: "Rituals" (2001-06), various directors, 9 p.m. \$4.

Oct. 19

"La Vie En Rose" (2007), directed by Olivier Dahan, with Marion Cotillard and Gerard Depardieu, 7 p.m.

"A Mighty Heart," 7:15 p.m., Uris.

"Transformers," 9:30 p.m., Uris.

"Joshua" (2007), directed by George Ratliff, with Sam Rockwell and Vera Farmiga, 10 p.m.

Oct. 20

MacDowell Program 2: "Land & CityScapes" (1999-2006), various directors, 5 p.m. \$4.

MacDowell Program 3: "Women's Worlds" (1995-2006), various directors, 7:15 p.m. \$4.

"Eagle vs. Shark," 7:15 p.m., Uris.

"La Vie En Rose," 9 p.m.

"Transformers," 9:15 p.m., Uris.

Oct. 21

"La Vie En Rose," 4:30 p.m. \$4.

"Joshua," 7:30 p.m.

Oct. 23

"The Shape of Water" (2006), directed by Kum-Kum Bhavnani, narrated by Susan Sarandon, 7:15 p.m. Sponsored by Feminist, Gender & Sexuality Studies.

An Evening with Experimental Filmmaker Michael Robinson, screening eight of his short films (2001-07), 7:30 p.m., Schwartz Center for the Performing Arts Film Forum. Free.

Oct. 24

"Plagues and Pleasures on the Salton Sea" (2004), directed by Chris Metzler, with Sonny Bono, narrated by John Waters, 7 p.m. Introduced

by Metzler.

"Hidden in Plain Sight" (2003), directed by John H. Smihula, 7 p.m., Uris. Sponsored by Latin American Studies Program.

lectures**Architecture, Art and Planning**

"Unbreathed Air, 1956," Beatriz Colomina, Princeton School of Architecture, Oct. 11, 5:15 p.m., 157 E. Sibley Hall.

Boyce Thompson Institute

Title TBA, Yka Helariutta, University of Helsinki, Finland, Oct. 8, 10 a.m., BTI auditorium.

City and Regional Planning

"Territory Authority, Rights: From Medieval to Global Assemblages," Saskia Sassen, Columbia University, Oct. 12, 3 p.m., Hollis E. Cornell Auditorium, Goldwin Smith Hall.

Cornell Library

"Questions and Answers on The Dalai Lama's Visit," David Patt, East Asia outreach program, Oct. 11, 6:30 p.m., Libe Café, Olin Library.

Dalai Lama Lecture

"A Human Approach to World Peace," His Holiness the Dalai Lama, Oct. 9, 2 p.m., Barton Hall. Tickets sold out. For information, visit <http://www.namgyal.org>. Sponsored by Ithaca's Namgyal Monastery Institute of Buddhist Studies.

Society for the Humanities

"Buddhist Philosophy: Tenets and Advice," Craig Preston, Nagarjuna Language Institute, Oct. 16, 2:30 p.m., Cornell Store.

"Between the Civil and the Political: Pushing the Boundaries of Improvisation in Theatre and Public Culture," Rustom Bharucha, independent writer, director and cultural critic, Kolkata, India, Oct. 16, 4:30 p.m., Guerlac Room, A.D. White House.

Tompkins County Public Library

"How Prominent are Women in Buddhism?: Leaders, Teachers and the Future of Ordained Nuns," Ivette Vargas, Austin College, Oct. 7, 1:30 p.m., 101 E. Green St., Borg Warner Room.

music**Department of Music**

For more information, visit <http://www.arts.cornell.edu/music/concerts.html>.

• Oct. 10, 12:30 p.m., Sage Chapel: Midday Music for Organ, Tim Pypier. British and Canadian music of the 20th century.

• Oct. 10, 8 p.m., Bailey Hall: U.S. Marine Band, "The President's Own." Free, tickets required; available in person at Ticket Center at Clinton House and Willard Straight Hall Ticket Office; limit four per person.

• Oct. 11, 12:30 p.m., B20 Lincoln Hall: Midday Music at Lincoln: Guest clarinet trio and quartet from U.S. Marine Band. Music of Dvorák, Beethoven and more.

• Oct. 11, 8 p.m., Barnes Hall: Stefania Neonato, piano.

• Oct. 12, 8 p.m., Barnes Hall: Blaise Bryski, fort-epiano.

• Oct. 13, 8 p.m., Bailey Hall: Homecoming concert. Cornell University Glee Club, Scott Tucker, conductor. Tickets \$10/adult, \$5/student and available at <http://www.baileytickets.com>.

• Oct. 14, 8 p.m., Barnes Hall: Student Recital, Charlene Kluegel, violin; with Graeme Bailey, piano.

Cornell Concert Series

2007-08 Cornell Concert Series. Tickets \$24, \$30 and \$36 general, \$18 students. For tickets or more information, visit <http://www.cornellconcertseries.com> or call (607) 255-5144.

• Gamelan Çudamani, music and dance from Bali, Oct. 22.

• Andrew Manze, violin, and Richard Egarr, keyboards, Nov. 2.

• Apollo's Fire, Nov. 14.

• Hugh Masekela's Chissa All-Stars, Jan. 19.

• Alban Berg Quartet, Feb. 20.

• Camerata Nordica, March 7.

• Garrick Ohlsson, piano, April 8.

'Bound for Glory'

"Bound for Glory" broadcasts 8-11 p.m. Sundays on WVBR-FM 93.5 and 105.5. Live concerts in Cul de Snack Cafe in Anabel Taylor Hall. For information, visit <http://www.wvbr.org/bfg.html>.

• Oct. 7: Albums from the Studios. For information, contact Phil at (607) 273-2121.

• Oct. 14: Dakota Dave Hull.

religion

For a complete listing of worship services on campus and in the Ithaca area, go to <http://www.curw.cornell.edu/worship.html> or call Cornell United Religious Work at (607) 255-4214.

Sage Chapel

• Oct. 14 at 11:15 a.m.: Dr. Marcus Borg, Oregon State University. Music by Cornell University Glee Club and Chorale.



PROVIDED

'Caught Between the Pages'

Butterflies and moths have been called the celebrities of the insect world. Ephemeral and often brilliant-hued, their beauty has inspired passionate collecting and introduced many people to the subject of entomology. See some of these stars while you still can in "Caught Between the Pages: Treasures from the Franclemont Collection," which ends Oct. 14 at the Comstock Memorial Library of Entomology on the second floor of Comstock Hall. The special exhibit showcases materials from the personal library of the late Dr. John G. Franclemont, a renowned lepidopterist, leading teacher and scholar in modern field biology and systematics, and Cornell professor of entomology from 1953 to 1982.

seminars

Astronomy and Space Sciences
"Rainfall" from Protostellar Envelopes onto Proto-planetary Disks," Dan Watson, University of Rochester, Oct. 11, 4:30 p.m., 105 Space Sciences Building.

Biogeochemistry and Environmental Biocomplexity
"Bioremediation and Microbial Ecology of MTBE-Contaminated Groundwater," Kate Scow, University of California-Davis, Oct. 12, 4 p.m., A106 Corson Hall.

Biomedical Sciences
"Modeling Cardiac Arrhythmogenesis and Defibrillation," Natalia Trayanova, John Hopkins University, Oct. 9, 4 p.m., Lecture Hall III, Veterinary Research Tower.

"Genetic Control of Brain Asymmetry and Functional Area Formation," Tao Sun, Weill Cornell Medical College, Oct. 14, 4 p.m., Lecture Hall III, Veterinary Research Tower.

Center for Applied Mathematics
"Dynamics and Transport of Complex Fluids," Michael Shelley, Courant Institute, Oct. 5, 3:30 p.m., 655 Rhodes Hall.

Chemical and Biomolecular Engineering
"In Vivo Imaging of Astrocytes," Maiken Nedergaard, University of Rochester, Oct. 10, 4:30 p.m., 155 Olin Hall.

"Development of Biotherapeutics," Sa Ho, Pfizer R & D Global Biologics, Oct. 11, 3:35 p.m., 255 Olin Hall.

Chemistry
Various Topics: Tom Rovic, Colorado State; Jeff Bode, University of California-Santa Barbara; Ross Widenhoefer, Duke University; and Patrick Harran, University of Texas Southwestern, Oct. 6, 10 a.m., 119 Baker Laboratory.

"Understanding Enzymes: Protein Conformation Coupled Catalysis," Gordon Hammes, Duke University, Oct. 11, 4:40 p.m., 119 Baker Laboratory.

City and Regional Planning
"Territory, Authority, Rights: From Medieval to Global Assemblages," Saskia Sassen, Columbia University, Oct. 12, 3 p.m., Hollis E. Cornell Auditorium, Goldwin Smith Hall. Co-sponsored by Development Sociology.

Classics
"Jerome, Ammianus and the End of Roman History," Mark Vessey, University of British Columbia, Oct. 12, 4:30 p.m., 122 Goldwin Smith Hall.

Cognitive Science
"What Do Robots Dream of? Emergent Self-Models in Machine Minds," Hod Lipson, mechanical and aerospace engineering, Oct. 12, 3:30 p.m., 202 Uris Hall.

Cornell Institute for Public Affairs
"Uncovering Hidden Value Using Sustainable Investment Metrics," Hewson Baltzell, Innovest Strategic Value Advisors, Oct. 11, 4:30 p.m., 233 Plant Science Building.

Crop and Soil Sciences
"Apportioning Agricultural Carbon Credits to Mitigate Global Warming," Steve Gilman, Northeast Organic Farming Association, Oct. 11, 12:20 p.m., 135 Emerson Hall.

Economics
"Joint with Theory," Phillipe Aghion, Harvard University, Oct. 5, 4 p.m., 498 Uris Hall.

"The Punctuality Puzzle: Can Current Punctuality Initiatives in Low-Income Countries Succeed?" Andy Horowitz, University of Arkansas, Oct. 12, 4 p.m., 498 Uris Hall.

Education
"Notes Toward an Ethnography of Witnessing," Cindy Cruz, education, Oct. 12, 1 p.m., 119 Kennedy Hall.

Entomology
"Sex in the Field: Pheromone Reception in Insects," Walter Leal, University of California-Davis, Oct. 15, 3:45 p.m., A106 Corson-Mudd Hall.

Environmental Sciences
"Using Models to Predict Climate Change," Natalie Mahowald, earth and atmospheric sciences, Oct. 12, noon, 135 Emerson Hall.

Feminist, Gender and Sexuality Studies
"Impossible Hermaphrodites: Intersex in America, 1620-1960," Elizabeth Reis, University of Oregon, Oct. 11, noon, 391 Uris Hall.

Fiber Science and Apparel Design
"The Multifunctional Composites Powered by Carbon Nano Tubes," Weijun Wang, Zyvex Performance Materials, Oct. 11, noon, 317 Martha Van Rensselaer Hall.

Materials Science and Engineering
"Investigating the Electronic and Chemical Properties of Surfaces, Interfaces and Other Buried Things with Soft X-ray Spectroscopy," Clemens Heske, University of Nevada, Oct. 11, 4:30 p.m., 140 Bard Hall.

Molecular Medicine
"Bacterial Signal Transduction Via Phosphorylation-Activated Response Regulator Transcription Factors," Ann Stock, Rutgers University, Oct. 8, 3:30 p.m., Lecture Hall III, Veterinary Research Tower.

Music
Composers' Forum, every Friday, 1:25 p.m., 316 Lincoln Hall.

Peace Studies
"No Borders, No Bystanders: Moral Responsibility for a Global Age," Neta Crawford, Brown University, Oct. 11, 12:15 p.m., G08 Uris Hall.

Plant Breeding and Genetics
"Towards a 20 Tonne Wheat: Discovering Genes Controlling Yield and Development by Meta-QTL and Transcriptomal Analyses," John Snape, John Innes Centre, United Kingdom, Oct. 9, 12:20 p.m., 135 Emerson Hall.

Plant Pathology
"Cornell's Phytobacteriology Program: A Launching Pad for Careers in Molecular Plant Pathology," Sheng Yang He, Michigan State University, Oct. 10, 12:20 p.m., 404 Plant Science Building.

Psychology
"On Implicit Evaluation," Melissa Ferguson, psychology, Oct. 5, 3:30 p.m., 202 Uris Hall.

Theoretical and Applied Mechanics
"Diagnosis and Prognosis of Machines and Humans," David Chelidze, University of Rhode Island, Oct. 10, 4:30 p.m., 205 Thurston Hall.

theater

Theatre, Film and Dance
Events at the Schwartz Center for the Performing Arts, 430 College Ave.; for tickets or information call (607) 254-ARTS or visit <<http://www.arts.cornell.edu/theatrearts>>.

• "Bedroom Farce," by Alan Ayckbourn, Oct. 17-21, 24-28.

• "Slow Dusk," a one-act opera, Nov. 9-11. Black Box Series.

• "The Bourgeois Gentleman," by Molière, Nov. 15-17, 29-30, Dec. 1.

• Fall Dance Theatre, Nov. 29-Dec. 1.

• "Alice in Wonderland," by Lewis Carroll, Jan. 30-31, Feb. 1-3, 6-10.

• "The Passion of Dracula," by Bob Hall and David Richmond, Feb. 13-17, 20-23.

• "As You Like It," by William Shakespeare, April 24-26, May 1-3.

Dance season:

• Spoglia: Dance Concert 2008, March 6-9.

• Stephen Petronio Company, March 12-13.

Risley Theatre
"Oedipus," new translation by Philip Ahl, Oct. 12-13 at 7 p.m. and Oct. 13-14 at 3 p.m. Tickets \$3.

symposiums

Comparative Literature
"Logics of the Living," Oct. 12-14, A.D. White House. Keynote speaker Daniel Heller-Roazen, Princeton University: "Life Senses," Oct. 12, 4:30 p.m. Free and open to the public. For information, visit <<http://www.arts.cornell.edu/complit/CCLF/index.html>>.

miscellany

College of Arts and Sciences
Harry Caplan Travel Fellowships of \$3,500 for summer travel to Europe or the Near East. Opportunity for juniors to understand classical traditions of civilization. Informational meeting, Oct. 24, 4:30 p.m., 122 Goldwin Smith Hall. Application deadline, Nov. 9. For information, contact Linda Brown at (607) 255-3354 or <imb296@cornell.edu>.

College of Human Ecology-Hong Kong Exchange Program
"Hong Kong I-DO International Design Opportunity Presentation," Oct. 17, 4:30 p.m., G71 Martha Van Rensselaer Hall.

Cornell Association of Professors Emeriti
Mann Library tour and reception, Oct. 11, 1:45 p.m. With library director Janet McCue and William Crepet, plant biology. A modern life sciences facility with library and laboratories. Meet at Boyce Thompson Institute for bus to Mann Library, 2 p.m. Reception to follow. For information, visit <<http://www.openhouse.cornell.edu>>.

Cornell University Program Board
Comedian and talk show host Stephen Colbert has added a 9 p.m. show to his appearance on Oct. 26 during First Year Family Weekend. Tickets on sale at <<http://www.cornelltickets.com/>>; \$25/\$30 students, \$30/\$35 general public.

Dalai Lama visit
Questions and answers on the Dalai Lama's visit,

Oct. 11, 6:30 p.m., Olin Library, Libe Café. For information, visit <<http://www.library.cornell.edu/>>.

Museum of the Earth
1259 Trumansburg Road (Route 96), Ithaca. Admission \$8, seniors/students with ID \$5, ages 4-17 \$3, free for members. For information, visit <<http://www.museumoftheearth.org/>>.

• Teacher Resource Day, Oct. 6. Fossil and giveaways to local teachers looking for specimens and classroom materials.

• The History of Life: "Mammals Rule a World of Change," Oct. 11, 5:30 p.m. Contact Alicia Reynolds at (607) 273-6623, ext. 13.

• Fossil ID Day, Oct. 13, 10 a.m.

• 10th Annual Earth Science Week, Oct. 14-20. Various activities.

Plantations
Wellness Walk: The Arboretum in Autumn, Oct. 10, noon. Meet near ponds at center of the arboretum off Caldwell Road. Free parking and admission; open to the public. Rain or shine. For information, call Cornell Plantations at (607) 254-7430.

Arboretum Tour, Oct. 14, noon, F.R. Newman Arboretum. Discover great diversity within the tree and shrub collections - oaks, maples, dogwoods, crabapples and more. Free, rain or shine; dress appropriately. Meet near ponds at center of arboretum off Caldwell Road. Free parking. For information, call (607) 255-2400.

Wellness Program
For information, visit <<http://bigred2.athletics.cornell.edu/wellness/>>.

• Mind, Body and Soul Cooking Class, learn how to entertain from scratch using healthy ingredients. Five sessions, Fridays, Oct. 12-26, Nov. 2-9, noon-1:15 p.m. \$30 for series, free to Wellness Members. Register at <<http://bigred2.athletics.cornell.edu/wellness/>>, or contact Beth at <bm20@cornell.edu> or (607) 255-3703.

• Adventure Class: Wellness Rock Climbing, Oct. 30, in collaboration with Cornell Outdoor Education. For information, contact Amy at (607) 255-6183.

• Walking Contest, individual walkers and teams can compete for prizes. Through Oct. 31. Open to staff, faculty and retirees. Pedometers available at Cornell Wellness.

upcoming

Applied Economics and Management
Annual Agribusiness Economic Outlook Conference; Dec. 18, 9 a.m., registration and refreshments; 10 a.m., program; David L. Call Alumni Auditorium, Kennedy Hall. Pre-registration fee \$65 by Dec. 3; \$80 after or if registering on-site. \$30 for Cornell University and CCE staff. \$5 parking permits available. For information, visit <http://aem.cornell.edu/outreach/conferences/economic_outlook.htm>.

Black Graduate Business Association (BGBA)
7th annual professional development symposium, "Your Professional Portfolio: Development Through Leadership, Networking and Wealth Building," Oct. 19-20 at Sage Hall. Registration \$10/ students; \$20/faculty and staff. For information, visit <<http://forum.johnson.cornell.edu/students/orgs/bgba/symposium.htm>>. Co-sponsored by Minority Business Students Association (MSBA).

Institute for German Cultural Studies
Workshop: "The Common European Framework of Reference for Languages and its Effects on Language, Learning, Teaching and Assessment in the U.S.," Oct. 26-27, A.D. White House. For information, contact Ute Maschke at <um25@cornell.edu>.

Psychology
LOVE & SPSP Conference, Feb. 7-8, 3:30 p.m., 202 Uris Hall.

sports

For information on Cornell athletics, visit <<http://www.cornellbigred.com>>.

Men's Cross Country
Oct. 12, at Penn State Invitational
Oct. 13, at Pre-NCAA Invitational

Women's Cross Country
Oct. 12, Penn State Invitational at State College

Field Hockey
Oct. 7, Harvard
Oct. 10, Colgate
Oct. 13, Albany

Football
Oct. 6, Harvard
Oct. 13, Colgate (Homecoming)

Golf
Oct. 6-7, at Delaware Invitational

Men's Ice Hockey
Oct. 13, Red and White Game exhibition

Women's Ice Hockey
Oct. 12, Stone Creek exhibition

Heavyweight Rowing
Oct. 13, Schwartz Cup

Brassy Marine Band in Bailey



PROVIDED

The United States Marine Band, "The President's Own," will perform Wednesday, Oct. 10 at 8 p.m. in Bailey Hall with new and traditional works for wind band, and popular favorites. Admission is free but tickets are required; they are available in person only at the Willard Straight Hall Ticket Desk and the Ticket Center at Clinton House, 116 N. Cayuga St.; limited to four tickets per person. The concert is co-sponsored by CU Winds and the Ithaca Journal. A clarinet trio and quartet from the Marine Band will also perform a classical program, with music by Dvorák, Beethoven and others, Oct. 11 at 12:30 p.m. in B20 Lincoln Hall. For information, see <<http://www.arts.cornell.edu/music/concerts.php>>.

Calendar *continued from page 13***Lightweight Rowing**

Oct. 13, Schwartz Cup

Women's Rowing

Oct. 7, at Head of the Genesee

Oct. 13, Schwartz Cup

Men's Soccer

Oct. 6, Harvard

Oct. 13, at Yale

Women's Soccer

Oct. 6, Harvard

Oct. 13, at Yale

Sprint Football

Oct. 7, Pride Bowl, vs. Navy, at Kean University

Oct. 12, Princeton

Women's Tennis

Oct. 6-8, Collegiate Invitational at Flushing

Oct. 19-21, Northeast Regional's at Norfolk

Volleyball

Oct. 5, at Penn

Oct. 6, at Princeton

Oct. 9, at Binghamton

Oct. 12, Harvard

Chronicle calendar deadlines

The Chronicle calendar deadline is 11 days (two Mondays) before publication. Items submitted for the calendar should include a contact name, e-mail address, Web address (if any) and a phone number. By campus or U.S. mail, send to: Chronicle events calendar, Cornell Chronicle, 312 College Ave., Ithaca, NY 14850. By fax: (607) 255-5373. By e-mail: <chronicle@cornell.edu>.

Oct. 19 edition: Calendar deadline Oct. 8

Oct. 26 edition: Calendar deadline Oct. 15

Nov. 2 edition: Calendar deadline Oct. 22

Nov. 9 edition: Calendar deadline Oct. 29

For more events, see the searchable university events calendar, online at <<http://www.cornell.edu/events/>>.

A BOLD launch

ROBERT BARKER/UNIVERSITY PHOTOGRAPHY

Lewis Wirshba '78, managing director and chief operating officer, Americas, of Credit Suisse (USA), chats with Pablo Aponte '08 during the Sept. 27 reception in the Statler Hotel for the new Business Opportunities in Leadership and Diversity (BOLD) launch. The Department of Applied Economics and Management launched the new program Sept. 28-29 with the reception, panel discussions and presentations. More than 200 people, including members of the Undergraduate Business Program Advisory Council, attended. The new program coordinates leadership and diversity initiatives.

**NYC Event Recap****Cooperative Extension on Capitol Hill**

Sen. Hillary Clinton (D-N.Y.) invited CUCE-NYC executive director Don Tobias and University of Illinois faculty to preview the "Market Maker" project that is linking New York State agriculture producers with urban markets. The presentation was part of the meeting of Clinton's Agricultural Advisory Committee and took place during her annual New York Farm Day celebration at the Russell Senate Office Building on Sept. 18.

designCity

On Sept. 20, more than 45 students from the Department of Design and Environmental Analysis in the College of Human Ecology headed into the city for their annual designCity (dCity) field study course. The unique learning experience heightens students' awareness of contemporary design, leading designers and design sources. After a presentation and a tour of Gensler, the global architecture and design firm founded by Cornellian Art Gensler in 1966, the students joined more than 40 DEA alumni at Gensler's offices for a reception. Professors Kathleen Gibson and Jan Jennings were on hand to update alums on the latest news from Human Ecology.

Union Square Food Fest

What is it about Union Square that attracts chefs, restaurateurs, culinary experts and people from all over New York City? It is the healthy food oasis of Manhattan.

On Sept. 21-22, CUCE-NYC Nutrition & Health Program staff explored retail food outlets in the area as part of a Cooperative Extension program update. One stop was the Union Square Greenmarket, the oldest and largest farmer's market in the city. On Saturdays, more than 75 farmers line up to sell various products and fruits and vegetables grown within a 250-mile radius of the city. Staff interviewed farmers and looked at produce. The Nutrition and Health program staff were sent on a scavenger hunt through Whole Foods Market, which supports local farms and natural food companies in New York state. The scavenger hunt continued in Trader Joe's, where the nutrition staff marveled at healthy food and other products offered at very low prices.

Upcoming NYC Events**Alumni**

Dinner and brief training session held before Phoneathon, Oct. 10, 6-9 p.m., Cornell Club, 6 E. 44th St. For information, contact John Zelenka '03 at <jfz4@cornell.edu> or (212) 986-7202.

LGBT Tour of the Chelsea Galleries led by a Cornell alumnus, Oct. 13, 3:30 p.m., meet in lobby of Anton Kern Gallery, 532 W. 20th St. Reception at 5:30 p.m. \$20. For information, contact Steve Siegel at <swsiegel@pipeline.com>.

ILR

"Making Globalization Work," with Nobel laureate Joseph Stiglitz, Oct. 9, 9 a.m., Cornell

Club, 6 E. 44th St. RSVP to Darrlyn O'Connell at <dss7@cornell.edu> or call (607) 255-4424. Space limited.

"Improving Public Speaking for Union Advocates," Laurie Kellogg, Oct. 10-11, 9 a.m.-4:30 p.m., 16 E. 34th St., sixth floor. \$350, includes breakfast, lunch and all workshop materials. For information, call (212) 340-2827 or e-mail <jp424@cornell.edu>.

Weill Cornell Medical College

"Outcomes and Effectiveness Research/Health Policy Research in Progress," speaker TBA, Oct. 11, 3 p.m., 411 E. 69th St., Kips Bay Building, third floor.

Code of conduct *continued from page 1*

revised code. "It was rarely invoked. One of the things the president pointed out [in his May 15 letter to the UA] was maybe we should be a little more concerned [about] off-campus misconduct." Examples Clermont cited were stalking in Collegetown and an incident just off campus in which six fraternity members allegedly assaulted a student from another fraternity.

"As an undergrad, this is one of my main concerns, with issues such as stalking that are affecting the safety of the Cornell community," said CJC member Rachel Dorfman-Tandlich '08.

The language regarding off-campus cases has been modified from "grave misconduct" to "serious misconduct" that threatens Cornell's educational mission or the health and safety of community members. Such cases could be considered by the JA (with presidential approval) under the revised code.

"The word 'grave' was too serious ... 'serious misconduct' is a still substantial term," said Cornell University Police Capt. Kathy Zoner.

Ashley Miller, a Cornell law student who teaches a University, Society, and the Law course in the College of Arts and Sciences,

asked whether hate speech occurring off campus would be considered "serious misconduct" under the revised code, thus warranting the JA's attention.

Cornell Judicial Administrator Mary Beth Grant said that while hate speech may be hurtful and offensive, speech is not covered by the code. But, she later added, "Bias-related misconduct off campus might well be covered by the new provision, case by case."

Changes to make the code more user-friendly include the consolidation of the judicial process into one section and folding a previous section on responsible speech into the beginning section on general principles and policies, said CJC Chair Kathleen E. Rourke, a Law School staff member.

"One of the things we want to stress is this is a community document," she said. "We worked very hard to make sure it represents the community, and we tried to make it a living, breathing document that enhances the teaching environment of the university."

For more information, including the complete revised code and a summary of revisions, see <<http://assembly.cornell.edu/CJC/Home>>.

Arecibo *continued from page 3*

Puerto Rico – it allows young people to see ... that Puerto Rico and Puerto Ricans can be successful scientifically on a world stage."

The observatory is facing severe federal budget cuts by 2011 as the result of an NSF Senior Review panel recommendation last year. The observatory has reduced its operating budget from \$10 million to \$8 million since last year, and funding will remain level over the next three years.

Fortuño and others in Congress have also written to the NSF seeking reconsideration of the recommended budget cuts. Fortuño noted that the radio astronomy and radar capabilities of the facility are critical to detection and tracking of near-Earth objects (NEOs), including asteroids that could pose a hazard of catastrophic destruction and loss of life.

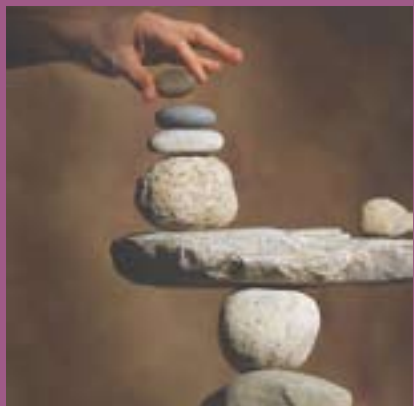
The legislation introduced by Fortuño and Rohrabacher would mandate the con-

tinued operation of the facility and would support the mission of NASA with respect to NEOs, as well as research for scientific and educational purposes important to Puerto Rico and the rest of the nation.

Fortuño said: "Nobel Prize-winning research has been conducted at Arecibo in the past and may be again in the future, unless the observatory is closed for short-sighted reasons. Maintaining this facility is an investment in our nation's future. The cost is small compared to the benefits for America and mankind."

Said Rohrabacher: "Arecibo is a key resource in understanding the characteristics of potentially hazardous asteroids and comets so that they can be dealt with effectively. There is no room for error when it comes to eliminating a threat that could kill millions."

Health Matters



It's all about balance

Learning to manage stress is an essential skill, for students, staff and faculty alike. Studies show that people who maintain a healthy balance of physical, emotional, intellectual, social and spiritual commitments are better able to experience stress as a challenging or motivating force and are less likely to get "burned out" as a result. The Gannett Health Services Web site has a wealth of information and resources related to stress management. Consider printing a copy of Gannett's "Balance" poster for your work space. Visit <<http://www.gannett.cornell.edu>> and search "stress."

Seen & Heard



Identity on display

Wilka Roig, MFA '05, a visiting lecturer in photography at Cornell, is exhibiting her work at Buffalo's CEPA Gallery now through Dec. 21, as part of the Albright-Knox Art Museum's "Beyond/In Western New York," a citywide, multiple-gallery exhibition. Using herself as subject, Roig explores conscious and subconscious ideas of identity and how individuals, particularly young women, develop feelings of self-hood and connection. The CEPA exhibit (at 617 Main St. in Buffalo) also features video and photography by Tammy Renee Brackett and Hans Gindlesberger. For more information, see <<http://www.cepagallery.org>>.

Roig and Tarrah Krajnak will show their collaborative work Oct. 21-27 at John Hartell Gallery in Sibley Dome on campus. See <<http://www.tarrahwilka.com/>> for more about their work.

By the Numbers

Buildings and grounds

- Original cost to build Bailey Hall in 1912-13 ... \$135,000
- Cost of Bailey Hall renovation, including plaza, in 2006 ... \$17,300,000
- Seats inside Bailey Hall ... 1,324
- Acres inside Barton Hall ... 2
- Seating capacity in 1924 of the Schoellkopf Field crescent ... 21,500
- Seating capacity in 1947 of the Schoellkopf Field crescent ... 25,597

The essentials

ideas >> people
>> details >> data
>> happenings

Off the Press

Found in translation

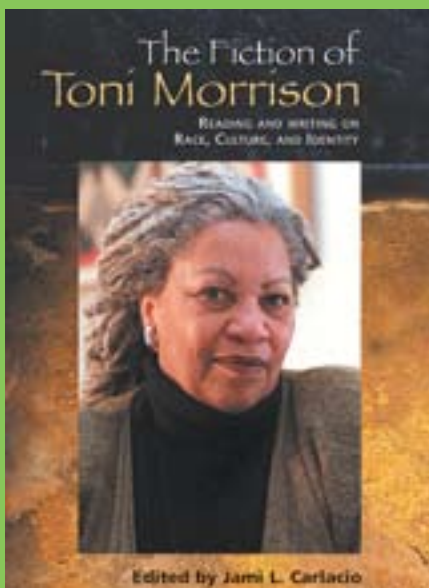
María Antonia Garcés, associate professor of Hispanic studies, recently received a \$150,000 National Endowment for the Humanities grant. In a collaborative research project with Diana de Armas Wilson (Department of English, University of Denver) and Vincent Barletta (Department of Spanish and Portuguese, Stanford University), Garcés will prepare an annotated Spanish scholarly edition and a modern English translation of Antonio de Sosa's "Topographia, e historia general de Argel" ("Topography and General History of Algiers," from 1612). Sosa was a friend and biographer to Cervantes; they were both held prisoner in Algiers, which inspired the captive's tale in "Don Quixote."

In a description of the forthcoming book, Garcés writes, "Disclosing the permeable nature of the boundaries between Christians and Muslims in the Mediterranean, Sosa offers a vivid portrait of Algiers as a crossroads of civilizations – a sophisticated, diverse and multilingual society consisting of Turks, Arabs, Berbers, Christians, Jews and renegades from countless nations. For Anglo-American readers, Sosa's literary/ethnographic history of the Turkish-Algerian Regency offers a vivid panorama of its political institutions, corsair activities, sexual practices, tolerance for other religions, circumcision and wedding 'fiestas,' inheritance laws and much more."



Unpacking Toni Morrison

Lecturer in English Jami Carlacio has edited "The Fiction of Toni Morrison: Reading and Writing on Race, Culture and Identity," published by the National Council of Teachers of English. Morrison, author of eight novels including "Song of Solomon" and "Beloved," earned a master's degree in English at Cornell in 1955, was a Nobel Prize laureate in 1993 and served as an Andrew Dickson White Professor-at-Large from 1997 to 2003. The book, for college teachers of Morrison's work, includes essays that illustrate how students can appreciate her contributions to American culture and her treatment of the history of racism and of identity and cultural politics. The book stimulates students' critical thinking by asking them to investigate whiteness, historiography, critical race theory and narratology.



Go Big Red: One-stop surfing

Keeping up with Cornell teams and student athletes is now easier since the relaunch this summer of <<http://www.CornellBigRed.com>>, the official site of Cornell's intercollegiate athletics program.

Big Red fans are just one click away from every major section of the site, with simpler navigation and a better organized home page. New features include Redcasts, with enhanced streaming audio and video, and an Athletics Hall of Fame section highlighting the best and brightest from more than a century of Cornell athletics. Other features: a monthly calendar, a scrolling scoreboard, teasers and photos for lead stories and several rotating news headlines daily, and subscription signups for e-mail newsletters, score text updates and RSS feeds.



Download This



Historic jazz

"Cornell 1964," a concert recording by the Charles Mingus Sextet with Eric Dolphy, is a joyous and heretofore unheard performance from these jazz greats. The tapes of the concert were only recently discovered by Mingus' widow, Sue, and a two-CD set was released in July by Blue Note Records.

The performance on March 18, 1964, at Cornell was by a band that had only been together for a few weeks before the show. The death of saxophonist Dolphy only three months later is a bittersweet footnote; the band also recorded a Town Hall concert in New York before going on tour in Europe, before Dolphy left the group and then died that June. (The other band members are pianists Jaki Byard and Dannie Richmond, trumpeter Johnny Coles and saxophonist Clifford Jordan.)

"The big presence to me is Dolphy," says Steven Pond of the Cornell Department of Music. "This is just as they are going into their last tour, just before he left the band; and he was dead within three months. He's at the height of his powers and completely his own voice, and then he's gone."

The performance of "So Long Eric" on March 18 was a nod to Dolphy leaving the band soon thereafter, not this Earth. The nine selections played at Cornell also include "Take the 'A' Train," "Sophisticated Lady," "When Irish Eyes Are Smiling," Dolphy's arrangement of Fats Waller's "Jitterbug Waltz," the concert debut of Mingus' beautiful "Orange Was the Color of Her Dress, Then Blue Silk," and half-hour performances of his compositions "Meditations" and "Fables of Faubus."

Pond says he believes the concert was recorded in Bailey Hall, "based on the ambience of the hall and going by the sound of the applause; it's too big an audience for Barnes but too small for Barton."

The album is available for download on iTunes.

Lectures and book talks

Chocolate! Amphibians! Poetry! Mindless eating! Those and other subjects are addressed in audio and video podcasts of Mann Library lectures and book talks, available at <<http://podcasts.mannlib.cornell.edu>>. Currently, 15 podcasts from 2006-07 are available; speakers and topics include Cornell historian Carol Kammen on student diaries, letters and blogs; Ken Mudge on forest farming; Brian Wansink on "Why We Eat More Than We Think"; Tarleton Gillespie on copyright and culture; and Jordan Le Bel on the allure of chocolate. You can subscribe to the podcasts as audio and video RSS feeds on iTunes or via Feedburner links.

Be Essential!

Have an essentials item?

Have a tip to share on something essential, interesting, hidden, strange or otherwise worth knowing about at Cornell? Send it to <chronicle@cornell.edu> and include "Essential" in the subject line. If it's time-sensitive, let us know at least two weeks ahead of publication.

An eye for organic



Photography helps student sustain a sustainable mind-set



ALL PHOTOS BY BEN SCOTT-KILLIAN

BY SUSAN S. LANG

A club date for the students who run Dilmun Hill has a whole other meaning than in most clubs.

Their activities include hoeing, weeding and harvesting produce at Dilmun Hill, Cornell's student-run organic farm and an official Cornell club. During harvest, they hitch rigs to their bikes and haul up to 400 pounds of fresh produce to the Ag Quad, where they sell the veggies to Mandible Café in Mann Library and to passersby at a farm stand on Monday afternoons.

"The idea behind Dilmun Hill is to create an experiential learning center where students can teach students," says photographer Ben Scott-Killian '09, the farm's summer co-manager, treasurer of the club and a science of natural and environmental systems major in the College of Agriculture and Life Sciences. "It's not just farming but philosophy, politics and a way to get away from the more rigid academic setting."

At 12 acres, Dilmun Hill is one of the nation's largest student-run farms and has about 30 undergraduate members, says Scott-Killian. Decisions are made democratically. And what doesn't sell on campus is donated

to local food pantries; this year more than 400 pounds of produce has gone to charitable organizations in the Ithaca area.

Scott-Killian says he's trying to get a holistic education at Cornell, though he's not sure what he'll do with it. "I like to tell myself I'll be a farmer, a photographer, a philosopher. I think my education is giving me the learning tools that will support me in my goal of living sustainably and on a subsistence level while challenging myself at the same time."

Whether he's putting in his weekly 10 hours at Dilmun or on a field trip for one of his classes, such as Organic Food and Farming, a new course intended for the new ag science major, Scott-Killian is working the angles through his camera's viewfinder.

"Photography lets me to explore these sustainable agricultural settings in a more spiritual and intentional way," he says. His photographic record allows him to "look back at these pictures and get back into the same mindset as when I was there. I can reconnect with the land, the people and the feelings again. It's very good for me in that way."



Top of page: Dilmun Hill volunteers wrap up drip tape in April 2007. **Left to right:** Garlic scapes harvested for Dilmun Hill's on-campus market; a black-eyed Susan in bloom at Dilmun Hill in July; weeding okra in June. **Above:** Putting up a broccoli row cover in May. **Left:** Digging soil samples at Dilmun Hill for soil health analysis. **Below:** On a field trip with the Sustainable Agriculture Scholars Program to Beech Hollow Farm.