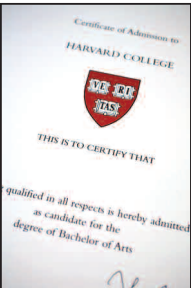


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Audio slide shows of Lowell, Leverett House memories,
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Not Cancun, just can do

Harvard students spend Spring Break helping others



Kris Snibbe/Harvard News Office

Playing with children at an afterschool program in Jackson, Miss., are Harvard 'Spring Breakers' Kristin Smith '11 (from left), Nene Igetseme '09 (in green tank top), Jonathan Kola '12, and Sumorwuo Zaza '11.

In search of the future's promise

By Abigail Phillip '10
Special to the Harvard News Office



When I and 11 fellow Harvard students drove into Money, Miss., last week searching for the site of Emmett Till's murder, we were expecting to find something to mark the event credited with igniting the Civil Rights Movement. Instead there was nothing. Only the Tallahatchie River where Till's body was found and the dilapidated remains of the convenience store — where he was childish and bold enough to have talked to a white woman — remain as testimony to the tragedy that happened in this small town.

Here, as in other parts of the South, the wounds of slavery and discrimination are deep and still raw. But in the stories of the civil rights struggle, there are inspiring moments of triumph and discovery that ushered in dramatic social change.

For eight days, we traveled throughout the state as a part of the Phillips Brooks House Association's (PBHA) Alternative Spring Break Program in search of the true stories and lessons of the Civil Rights Movement. We met with former organizers and civil rights activists who were our age or close to it when they first became involved with the movement, and we volunteered with community-based youth education programs in rural and urban parts of the state.

The trip was about acknowledging the challenge and responsibility of democracy. It was about discovering what humanity and inhumanity really look like. We wanted to find out firsthand how to apply the lessons of the Civil Rights Movement to the persisting challenges of education, enfranchisement, and poverty in the state.

(See **PBHA**, page 14)

Matt Lauer of NBC News to deliver Class Day speech June 3

By Emily T. Simon
FAS Communications

Matt Lauer, co-anchor of "Today" on NBC News, has been selected as the 2009 Senior Class Day speaker. He will address Harvard College graduates and their guests on June 3 at 2 p.m. in Tercentenary Theatre at Harvard Yard.

"Matt Lauer's work as a journalist places him right in the middle of many

pressing issues that affect our graduating class, our society, and the world," said Lumumba Seegars '09, First Marshal of the Senior Class Committee. "The stories he has heard, the things he has seen, and the people he has met throughout his career all provide him with an inspiring viewpoint from which to address the graduating seniors. We are incredibly excited to welcome him to Harvard."

Senior Class Day is a student-focused,

informal celebration that takes place the day before Commencement. In addition to a featured speaker selected by the Senior Class Committee, Class Day Exercises include award presentations and undergraduate orations.

Lauer joined NBC News in 1994 and became co-anchor of the acclaimed "Today" show in 1997. The live broadcast, which airs on weekday mornings, covers

(See **Lauer**, page 6)



Courtesy of NBC Universal

This month in Harvard history

April 29, 1636 — John Harvard marries Ann Sadler (sister of John Sadler, future Master of Cambridge University's Magdalene College). Just over a year later, they emigrate to New England.

April 24, 1759 — The Board of Overseers recommends that the President and Fellows (the Corporation) repeal "the Law prohibiting the drinking of Punch." The Corporation in turn allows a Commencer to "entertain any of the Guests at his Chamber, with Punch." Two years later, the Governing Boards agree that "it shall be deemed no offence, if the scholars, shall in a sober manner entertain one another and strangers with punch (which as it is now usually made, is no intoxicating liquor)."

From the Harvard Historical Calendar, a database compiled by Marvin Hightower

Unleashed pets barred from Yard

Effective April 1, unleashed pets will no longer be allowed in Harvard Yard. All pets, with the exception of service animals, must be on a leash at all times. This policy is designed to ensure the safety of residents, staff, and visitors. This policy will be strictly enforced in the Yard by the Harvard University Police Department and AlliedBarton security personnel.

FACULTY COUNCIL

At its ninth meeting of the year on March 18, the Faculty Council was briefed by the Dean of the College on House renewal and on the review of the Undergraduate Council. The Council also considered a proposal to change the name of the Standing Committee on Ethnic Studies.

At its 10th meeting of the year on April 1, the Faculty Council reviewed the University's draft re-accreditation self-study and discussed the College Fellows program.

The Council next meets on April 22. The preliminary deadline for the May 5 Faculty meeting is April 20 at 9:30 a.m.

MEMORIAL SERVICE

Samuel P. Huntington service set

A memorial service for Samuel P. Huntington, who was the Albert J. Weatherhead III University Professor at Harvard, will be held on April 22 at 3 p.m. in the Memorial Church in Harvard Yard. Huntington, a longtime Harvard University professor, an enormously influential political scientist, and a mentor to a generation of scholars in widely divergent fields, died Dec. 24. He was 81.

PRESIDENT'S OFFICE HOURS

President Drew Faust will hold office hours for students in her Massachusetts Hall office on the following dates:

Thursday, April 23, 4-5 p.m.

Sign-up begins at 2:30 p.m. Individuals are welcome on a first-come, first-served basis. A Harvard student ID is required.

Harvard begins process for reaccreditation by NEASC

This year, Harvard University is preparing for its fall 2009 reaccreditation by the New England Association of Schools and Colleges (NEASC). Harvard, like all accredited universities and colleges, is reviewed for reaccreditation approximately every 10 years. The process includes the preparation of a self-study whereby the University evaluates itself on a range of academic, fi-

ancial, physical, and other criteria; a visit by a committee of external faculty and senior administrators, during which they discuss issues raised in the self-study and draft a report and recommendation to NEASC; and, finally, a response by NEASC in spring 2010. Margo Seltzer, Herchel Smith Professor of Computer Science, serves as the faculty chair of the self-study

process and is working with colleagues and student groups across the University. The Harvard community will be invited to offer feedback on the report later this academic year. For more information, go to www.provost.harvard.edu/institutional_research/accreditation.php. Questions can be addressed to accreditation@harvard.edu.

ART mirrors life



Kris Snibbe/Harvard News Office

The arty front of the Zero Arrow Theatre mirrors a rare blue sky and some stately Cambridge edifices.

ERRATUM

In the Harvard Gazette story "Training the talent in trouble spots," which appeared in the March 19 issue, David Bangsberg was incorrectly identified in a caption. Bangsberg is the director of the Global Health Scholars Program. The Gazette regrets the error. For more information about the program and the Harvard Initiative for Global Health, visit www.globalhealth.harvard.edu/icb/icb.do.

Stephanie Mitchell/HNO



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One of Harvard's most famous alums celebrated onstage

By **Corydon Ireland**
Harvard News Office

In the first lines of "The Waste Land," a touchstone of modernist poetry from 1922, T.S. Eliot offers an ambiguous view of the very month we are in:

*April is the cruellest month, breeding
Lilacs out of the dead land, mixing
Memory and desire, stirring
Dull roots with spring rain.*

On the contrary, April is a fine month. This Friday (April 3) brings to Harvard "The Waste Land and Other Poems," a dramatic reading of work

by one of the University's most famous literary progeny.

The event features actors Dame Eileen Atkins and Brian Dennehy.

Eliot's words "cut into our consciousness with the sharpness of a diamond," said British novelist Josephine Hart, quoting the Nobel Prize committee that tapped Eliot for that honor in 1948.

"The mind is really changed by listening to Eliot," she added, during a trans-Atlantic conversation this week from her London home.

Hart, a self-described "Irish word child," is the author of the bestselling "Damage" and other novels. For sev-

eral years she has produced a monthly Poetry Hour at the British Library. Famous actors — Judi Dench, Joseph Fiennes, Jeremy Irons, and others — do the readings for free.

In 1987, in London's West End, she produced "Let Us Go Then, You and I," a program of Eliot's work that ran for six weeks. (Atkins is a veteran of that event.)

And just a few months ago, during an Eliot festival at the Donmar Warehouse in London, Hart directed two performances of the poet's verse.

At one performance, attended by Eliot's widow, was Sir Ronald Cohen M.B.A. '69. "He was so stunned," Hart

(See **Eliot**, next page)



Photo by Angus McBean/Courtesy Harvard Theatre Collection

"The Waste Land and Other Poems," a dramatic reading by actors Dame Eileen Atkins and Brian Dennehy, will be at 5 p.m. Friday (April 3) at the New College Theatre, 10-12 Holyoke St., with introductions by British novelist Josephine Hart. Tickets, free through the Harvard Box Office, are no longer available. But there will be a waiting line at the event. The reading is sponsored by Harvard's Department of English, the Office for the Arts at Harvard, and the Office of the President and Provost.

Financial aid program draws record applicant pool

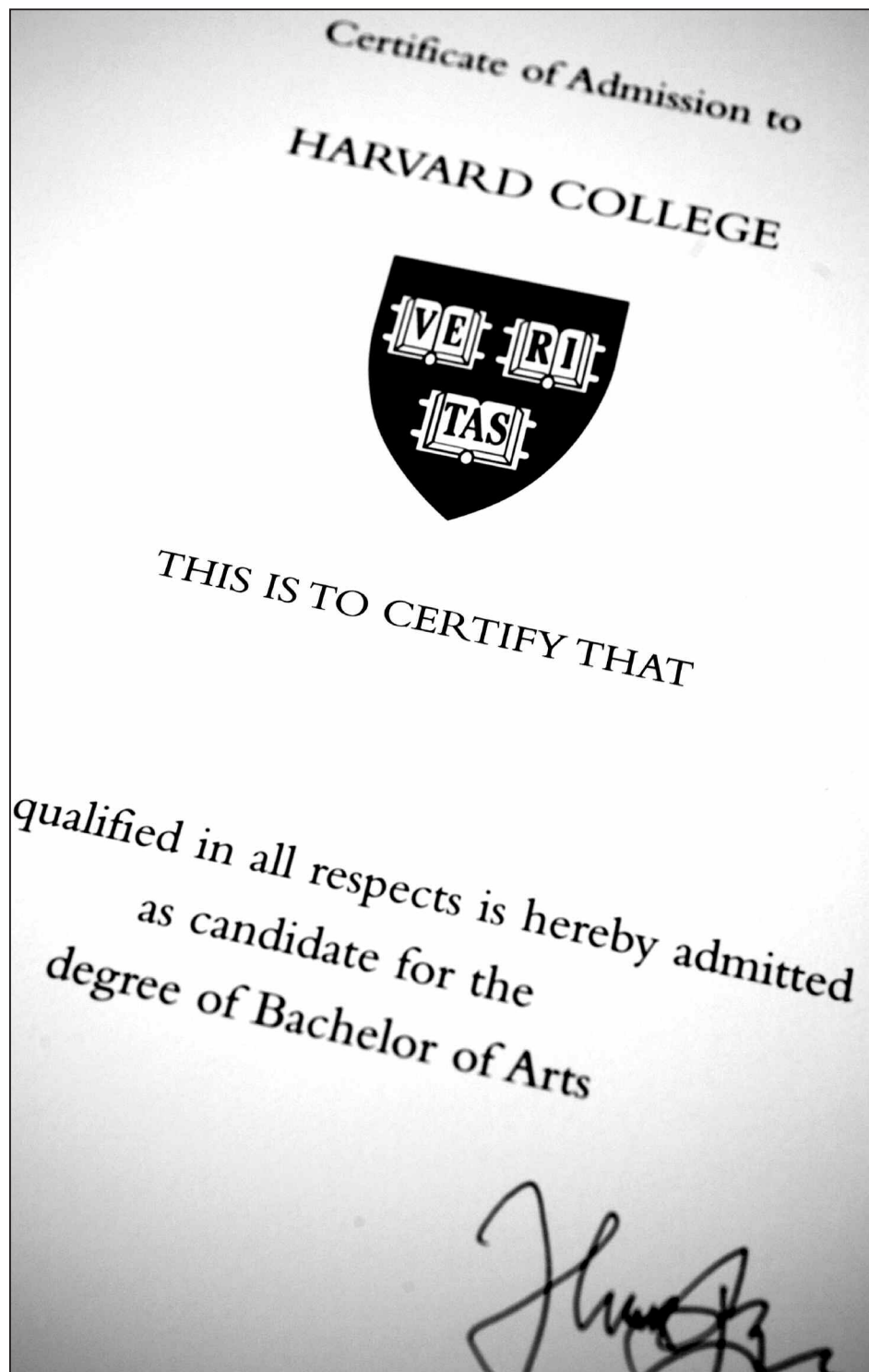
Despite challenging times, 29,112 students apply to Harvard this year

Harvard's financial aid program made the critical difference in leading many of the nation's and the world's best students to apply to Harvard College in these challenging economic times. A record 29,112 students applied for admission this year, compared to 27,462 last year. Enhanced a number of times recently, Harvard's undergraduate financial aid program next year will be the most generous in its history, with \$147 million in scholarships, an 8 percent increase from last year and a 167 percent increase over the past decade.

"For those aspiring to a Harvard education and for those currently at Harvard who come from families coping with job losses, home foreclosures, shrinking home equity, and the depletion of savings and retirement funds, our renewed program arrived at a crucial time," said William R. Fitzsimmons, dean of admissions and financial aid. "Financial aid enables students with modest means to believe Harvard is possible for them. Once they are here, the new program ensures they have the same academic and extracurricular opportunities as their more affluent classmates. The unwavering commitment of Michael Smith, dean of the Faculty of Arts and Sciences, Evelyn Hammonds, dean of Harvard College, and President Drew Faust to keep Harvard open to talented students from all economic backgrounds sends a clear and compelling message to students and families everywhere," he said.

Seventy percent of Harvard students receive some form of financial aid, with close to 60 percent receiving need-based scholarships. The average total student aid package is likely to be more than \$40,000, about 75 percent of the total cost of attendance.

In December 2007, Harvard announced a sweeping change in financial aid for middle and upper-middle income families, establishing a zero-to-10 percent of income contribution standard for families with incomes up to \$180,000 a year and typical assets, removing home equity from financial aid calculations, and eliminating loans for all students. Nearly 25 percent of the admitted group are eligible for the original Harvard Financial Aid Initiative, which asks for no parental contribution from those with annual incomes under \$60,000 and reduces contributions from families with in-



File Justin Ide/Harvard News Office

comes of \$60,000 to \$80,000.

The record applicant pool resulted in the most competitive admissions process in the history of Harvard College. Only 7 percent of the applicants were admitted on March 31. Last year, 7.9 percent were admitted.

Sarah C. Donahue, director of financial

aid, and her colleagues will be available to talk with admitted students and their families on weekdays during the month of April from 8 a.m. to 8 p.m. EDT. "Especially in these turbulent economic times, we look forward to talking with students and parents who have concerns or questions about

how to finance a Harvard education, including families who may not have applied for financial aid but who are interested in the wide range of available payment options. Our program offers assistance to all students and families, ranging from a monthly payment plan to the opportunity to prepay tuition at current rates or extend payments up to 15 years," she said.

"Students and their families need to be aware that there are other forms of financial assistance such as the Faculty Aide Program, the Harvard College Research Program, and the Dean's Summer Research Program that enable students to create paid partnerships with faculty members on academic projects of mutual interest," said Meg Brooks Swift, director of student employment and the Harvard College Research Program.

By standard measures of academic talent, including test scores and academic performance in school, this year's applicant pool reflects an unprecedented level of excellence. For example, more than 2,900 scored a perfect 800 on their SAT critical reading test; 3,500 scored 800 on the SAT math; and nearly 3,700 were ranked first in their high school classes.

More than half (50.7 percent) of those admitted are men, the reverse of last year's class, which was 50.7 percent female. A record 10.9 percent of admitted students are from Latino backgrounds, 10.8 percent are African Americans, 17.6 percent are Asian Americans, and 1.3 percent are Native Americans.

Geographic representation remained similar to last year's. More than 24 percent of the admitted students are from the mid-Atlantic, 21 percent from the Western and Mountain States, 18 percent from the South, 16 percent from New England, 11 percent from the Midwest, and 10 percent from the U.S. territories and abroad. Foreign citizens comprise 9 percent of the admitted students. In addition, a significant number of other entering students will bring an international perspective, including many Americans who have lived abroad, 134 U.S. dual citizens, and 71 U.S. permanent residents. Together, foreign citizens, U.S. duals, and U.S. permanent residents comprise more than 19 percent of the class. A total of 82 countries are represented in the Class of 2013.

Students' academic interests remained very similar to those of last year's Class of 2012. About 25 percent intend to concentrate in the biological sciences, 24 percent in

(See **Admissions**, next page)

Admissions

(Continued from previous page)

the social sciences, 23 percent in the humanities, 10.5 percent in engineering, 8 percent in the physical sciences, 7 percent in mathematics, 2.2 percent in computer science, and 0.4 were undecided.

The Class of 2013 will bring extraordinary extracurricular talents across a wide range of endeavors. Major activities cited by students as extracurricular interests are music and other expressive and performing arts (44.2 percent), debate and political activities, including student government (33.1 percent), writing and journalism (21.4 percent), and social service (20.1 percent). In addition, 56.5 percent of the class expect to participate in recreational, intramural, or intercollegiate athletics.

“The new class is excellent in so many ways — in their accomplishments, of course, and also in their personal qualities. The help of alumni/ae is a tremendous advantage to us in the recruitment and admissions process,” said Marilyn E. McGrath, director of admissions. “Alumni/ae interviews were more important than ever this year as the Admissions Committee had to choose from so many highly qualified applicants. We are enormously grateful to them for all their hard work and dedication,” she added. The 10,000 alumni/ae volunteers around the world will be calling newly admitted students and hosting local gatherings in April.

Recruitment is the foundation of Harvard’s strength. Nearly 70 percent of all admitted students and 92 percent of minority students were on the original College Board Search List that helped launch Harvard’s outreach program for the Class of 2013. Staff will visit nearly 60 cities this spring, targeting the high school juniors who will eventually comprise the Class of 2014. Joint travel trips will be conducted with Duke, Georgetown, Penn, and Stanford. A similar number of cities will be visited by this group in the fall. In addition, Harvard staff and students will visit some of these areas and others to speak at high schools and meet with local alumni/ae interviewers.

Eliminating Early Action last year allowed more time in the fall for staff to reach out to students who might not otherwise think about applying to Harvard. Joint outreach trips with Princeton University and the University of Virginia (both of which also eliminated early admission) met with an overwhelming reception in November, previously a time when all three institutions were off the road conducting early admission selection

Eliot

(Continued from previous page)

recalled, “that he said: This must come to Harvard.”

Cohen had just read the Arts Task Force report, said Stephen Greenblatt, Cogan University Professor of the Humanities, who chaired the group that released the document late last year.

“He very generously and enthusiastically and adroitly realized the event he had seen in London would be a perfect way to help fulfill one of the goals of the task force,” said Greenblatt, “which is to heighten the presence of performance and the making of art on campus.”

And what better campus for an Eliot reading, said Hart, who loved “the idea of going to Harvard, where his mind was changed.”

meetings. Harvard will once again visit 25 cities with this group.

“Undergraduate recruitment has a long and distinguished history at Harvard,” said Roger Banks, director of undergraduate recruitment. “Members of the Undergraduate Minority Recruitment Program [UMRP] and the Harvard Financial Aid Initiative [HFAI] played a crucial role in attracting this extraordinary group of admitted students.” Members of both organizations made telephone calls and sent e-mails and letters to prospective applicants. They also met with visiting middle school and high school student groups and traveled to various parts of the country to recruit talented students.

“HFAI is one of our highest priorities and once again we were able to attract outstanding students from families with annual incomes under \$60,000 and \$80,000,” said Melanie Brennan Mueller, director of HFAI. Patrick Griffin, HFAI assistant director, added, “Undergraduates and alumni/ae formed a close partnership that enabled us to reach out to talented students from all backgrounds.”

Fitzsimmons and McGrath praised the efforts of the Undergraduate Admissions Council (UAC) and the undergraduate tour guides and greeters who work throughout the year with visitors to Cambridge — leading tours, hosting overnights, and visiting high schools. David L. Evans, co-director of UAC, noted that “prospective students are extremely interested in meeting current undergraduates to learn firsthand about the Harvard experience.” Added Elise Eggart, UAC’s other co-director, “UAC members get rave reviews from visiting students about their hospitality and the warm welcome they extend to students interested in Harvard.”

Elizabeth Pabst, director of the Undergraduate Tour Program, observed, “Our tour guides and greeters are incredibly excited to welcome prospective students to campus throughout the year. They love to share personal anecdotes about life at Harvard, both inside and outside the classroom. They are often the first Harvard students a prospective applicant meets, and they introduce college life with grace, humor, and enthusiasm. Rain or shine, you’ll find them walking backwards through Harvard Yard, leading groups of prospective students and their families from around the world.”

McGrath emphasized the importance of the role of the teaching faculty in the admissions process. Faculty members speak with many prospective students in person or on the telephone and answer their letters and e-mail inquiries. Faculty accessi-

Eliot earned an A.B. at Harvard in 1909, and a master’s degree the next year. In 1916, from London, he mailed in his doctoral dissertation in philosophy. It was accepted, but Eliot never appeared in Cambridge to defend it.

As an undergraduate at Harvard, Eliot encountered the book that changed his life. Arthur Symon’s “The Symbolist Movement in Literature” introduced him to Rimbaud, Verlaine, and other poets at the leading edge of literary modernism.

Thanks to those influences, said Hart, we now have “the fiercely internal persona we get with Eliot.”

Poetry has special power when read aloud, she said, calling verse an art form that is “a trinity of sound and sense and sensibility.”

Greenblatt agreed, recalling what poet

bility is a clear demonstration of Harvard’s commitment to undergraduate education. In addition, faculty members read hundreds of applications, evaluate academic research of all kinds, and assess portfolios across a range of academic disciplines.

Members of the teaching faculty serving on the Admissions Committee are: Peter J. Burgard, John E. Dowling, Benedict H. Gross, Guido Guidotti, Joseph D. Harris, J. Woodland Hastings, Harry R. Lewis, David R. McCann, James J. McCarthy, Michael Mitzenmacher, Venkatesh Narayanamurti, Richard J. O’Connell, Orlando Patterson, Frans Spaepen, John Stauffer, Steven C. Wofsy, and Robert M. Woollacott.

Personal contact with admitted students will be important over the next few weeks. Members of the Undergraduate Admissions Council, the Undergraduate Minority Recruitment Program, the Harvard Financial Aid Initiative, the admissions and financial aid staff, and the teaching faculty will telephone and meet with admitted students.

For the sixth year, the Admissions Office is hosting online chats and message boards for admitted students. Additional chat sessions in April will provide an opportunity for admitted students to speak with Harvard undergraduates and one another. Danielle Early, director of Internet communications, noted, “The chat sessions and message boards extend our outreach and recruitment to students across the world.” Prospective Harvard students can post questions to Harvard undergraduates and admissions representatives on the message board. “The boards provide yet another way for students to meet and make connections with future classmates,” said Early.

To give admitted students the opportunity to experience Harvard life and meet their future professors and classmates, a Visiting Program for admitted students is scheduled for April 25-27. In addition to visiting classes, students will attend faculty panel discussions, concerts, receptions, department open houses, symposia, and dozens of events organized by extracurricular organizations. More than 1,300 admitted students will visit during the month of April, and nearly 1,100 will be here during the Visiting Program. “Many current students tell us that their experience during the Visiting Program helped them decide to attend Harvard,” said Visiting Program director Jim Pautz. “We know that contact with current undergraduates and faculty provides the vital difference.”

Admitted students have until May 1 to accept their offers of admission.

Robert Pinsky says of verse — that it is “a column of air that comes up from your body,” meant to be a physical experience for both the poet and listener.

Hart’s friend, poet and Nobel laureate Seamus Heaney, told her about reading Eliot’s “Four Quartets” while he was a student at Queen’s University in Belfast.

“He knew he was reading a masterpiece,” said Hart, but on the page alone “it seemed distant. There wasn’t the visceral connection that is really the essence of what happens when you are confronted with art.”

Then a stage actor visited Queens, and spoke the poem. “What had been opaque on the page,” she said, “was now hypnotic read aloud.”

corydon_ireland@harvard.edu

Five named Early Career Scientists

Ten percent of all HHMI appointments nationwide

By B.D. Colen
Harvard News Office

Five Harvard researchers are among 50 young scientists nationwide who will have their work supported for the next six years by a new initiative from the Howard Hughes Medical Institute (HHMI).

The selected scientists are at 33 institutions across the United States and have led their own laboratories for two to six years. An HHMI statement described the young researchers as “energetic and passionate about a broad range of scientific questions ... at a career stage that many consider to be a scientist’s most productive — and most vulnerable.”

Three of the Harvard researchers — Amy Wagers, Konrad Hochedlinger, and Kevin Eggan — are members of the faculty of Harvard’s new inter-School Department of Stem Cell and Regenerative Biology (SCRB) and are principal faculty members of the Harvard Stem Cell Institute. The other two Harvard scientists named HHMI Early Career Scientists are Bradley Bernstein, a Harvard Medical School (HMS) assistant professor at Massachusetts General Hospital, and Rachel I. Wilson, an assistant professor of neurobiology at HMS.

Each of the new HHMI Early Career Scientists will receive a six-year appointment to the institute. HHMI will provide the researchers with his or her full salary, benefits, and a research budget of \$1.5 million over the six-year appointment. The institute will also cover other expenses, including research space and the purchase of equipment.

Harvard Provost Steven E. Hyman hailed the selection of the young Harvard researchers as “a great day for these five young investigators, and a great day for Harvard. Receiving the support accorded an HHMI Early Career Scientist relieves Kevin, Konrad, Amy, Rachel, and Brad of many of the distracting stresses with which most young scientists struggle, and allows them each to fulfill their unique intellectual promise,” he said.

The selection, added Hyman, “speaks volumes about the strength of our science, and the kinds of young scientists we have been attracting and nourishing.”

The HHMI statement points out that “the creativity and energy that researchers bring to starting their own labs can quickly be sapped by the time-consuming and often frustrating quest for funding. Within a few years of a new faculty appointment, a researcher’s institutional start-up funds typically come to an end. Pressure to secure federal grant money may lead to ‘safe’ grant proposals. As a result, creative and potentially transformative research projects may fall by the wayside.”

The HHMI appointments come at a particularly crucial time in the ongoing struggle for research funding. While the NIH has received an infusion of Economic Recovery Act funding, the agency’s support for biomedical research has been flat for more than five years, and in real dollars has de-

(See **HHMI**, next page)

HHMI

(Continued from previous page)

creased by more than 13 percent.

Because of that situation, competition for funding has become ever stiffer, and the funding that has been available has tended to go to more established researchers with “safer” proposals. In fact, the average age at which researchers now receive their first ROI grant, the major grant that is seen as establishing their independent careers, is 43.

Neurobiologist Wilson echoed precisely that point. “This award makes it possible for me to pursue research directions that are more adventurous than the research I would otherwise be able to pursue. It’s a difficult funding climate right now, and so I feel especially lucky and grateful for the financial security this award provides to my lab for the next few years,” she said.

Similarly, Hochedlinger noted that “support from the HHMI will allow me to go into directions which I would

For more information,

www.harvardscience.harvard.edu/culture-society/articles/five-harvard-named-hhmi-early-career-scientists

have otherwise not been able to do in the current funding situation. For example, I will be able to invest in new tools and technologies to study pluripotency and reprogramming and hire people to bring new expertise into my lab.”

“We saw a tremendous opportunity for HHMI to impact the research community by freeing promising scientists to pursue their best ideas during this early stage of their careers,” said HHMI President Thomas R. Cech about the institute’s \$200 million investment in the young researchers. “At the same time, we hope that our investment in these 50 faculty will free the resources of other agencies to support the work of other outstanding early career scientists.”

HHMI announced the new Early Career Scientist program a year ago, and launched a nationwide competition “seeking applications from the nation’s best early career scientists.” Those working in all areas of basic biological and biomedical research and areas of chemistry, physics, computer science, and engineering that are directly related to biology or medicine were invited to apply. The competition drew more than 2,000 applicants.

HMS’s Bernstein, who is affiliated with the Harvard Stem Cell Institute, said the HHMI six-year, nonrenewable appointment gives “our laboratory a wonderful opportunity to pursue hypotheses and potentially risky new research directions aimed at understanding how genome function is regulated in mammalian development and disease.”

“I am thrilled and honored by this opportunity to join such a distinguished group of scientists,” said Wagers, whose laboratory is at the Joslin Diabetes Center. “I am particularly happy to share this honor with two colleagues in the SCRB department, Konrad Hochedlinger and Kevin Eggan. The three of us established our labs at roughly the same time, and have collaborated and supported one another throughout.”



A mother’s criticism strikes nerve

Distinctive neural activity seen in formerly depressed daughters



Photos Rose Lincoln/Harvard News Office

Jill M. Hooley led a study that showed that, when listening to mother’s negative comments, formerly depressed women showed different brain activity from never-depressed women.

By Amy Lavoie
FAS Communications

Formerly depressed women show patterns of brain activity when they are criticized by their mothers that are distinctly different from the patterns shown by never-depressed controls, according to a new study from Harvard University. The participants reported being completely well and fully recovered, yet their neural activity resembled that which has been observed in depressed individuals in other studies.

The study, which appears in the current issue of the journal *Psychiatry Research: Neuroimaging*, was led by Jill M. Hooley, professor of psychology in the Faculty of Arts and Sciences at Harvard. Hooley’s co-authors were Holly Parker, also of Harvard, and Staci Gruber, Julien Guillemot, Jadwiga Rogowska, and Deborah Yurgelun-Todd of Harvard-affiliated McLean Hospital in Belmont, Mass.

“We found that even though our formerly depressed participants were fully well, had no symptoms, and felt fine, different things were happening in their brains when they were exposed to personal criticism,” says Hooley. “What’s interesting to us about these findings is that although these women were fully recovered, at the level of the brain they were not back to normal.”

The study included 23 female participants, 12 of whom had no history of depression or any other mental illness and 11 of whom had previously experienced one or more depressive episodes, but had reported no symptoms for an average of 20 months. To an observer, both the control group and the formerly depressed appeared completely healthy.

While inside an fMRI scanner, the participants listened to 30-second audio recordings of remarks from their mothers. Some comments were praising, some were critical, and others were neutral in content.

search has shown similar activity in these neural systems among individuals who are currently depressed.

“When these formerly depressed participants are processing criticism, some brain areas thought to be involved in emotion regulation are less active, and the amygdala is actually more active, compared to the healthy controls,” says Hooley. “We know that this is not linked to them being symptomatic now. These findings tell us that even when people are fully recovered from an episode of depression, their ability to process criticism is still different – and probably not in a good way.”

What the researchers don’t know is whether this type of activity within these brain systems exists prior to the development of a depressive episode, or if this activity could be a kind of scar left on the brain by a past episode of depression, says Hooley.

Previous studies have shown that living in a critical family environment increases rates of relapse in depression, and so use of criticism in this study is particularly important and applicable to real life.

Care was taken to avoid placing the formerly depressed individuals in a potentially harmful situation. The researchers ensured that the criticisms were not too extreme. Mothers provided the critical remarks in a very specific format, and the remarks were criticisms that the mothers had previously voiced. Examples of the criticisms included statements about tattoos or body piercing, failing to send thank-you notes, or being inconsiderate and untidy.

To protect participants, the criticisms were required to concern topics that the daughters had previously heard about from their mothers, although the praising remarks were in some cases new to the daughters.

“We made sure that everybody left in a good frame of mind, and still had a good relationship with their mother,” says Hooley. “That was crucial.”

The research was funded by the National Institutes of Mental Health.
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The comments were previously recorded over the telephone with the permission of the mothers. The participants were also asked to rate their mood on a scale from 1 to 5 after hearing the different kinds of remarks.

Despite being healthy and reporting similar conscious reactions to the recorded comments, the formerly depressed showed different activity in their brains, compared with those who had never been depressed. “When we asked them how they felt after being criticized, they responded in the same way as the controls did,” said Hooley. “But when we looked at the brain scans, the patterns of activation were quite different. So this is happening under the radar of awareness.”

Individuals who had never been depressed showed increased activity in the dorsolateral prefrontal cortex and the anterior cingulate cortex, which are brain areas involved in the cognitive control of emotion. The formerly depressed individuals did not show activity in these areas, but instead showed increased activity in the amygdala, a part of the brain that is responsive to potentially threatening stimuli. Previous re-

Finance scholar Chetty named professor of economics

By Amy Lavoie
FAS Communications

Raj Chetty, a public economist whose work focuses on social insurance and tax policy, has been appointed professor of economics in Harvard University's Faculty of Arts and Sciences (FAS), effective April 1.

appointment Chetty, 29, was previously professor of economics at the University of California, Berkeley.

"Raj Chetty is a distinguished scholar who has made significant contributions to the study of public finance, social insurance, and taxation," says Stephen Kosslyn, dean of social science in FAS. "These are areas of immense importance right now, and he will be a great asset to the Department of Economics. Without question his work will be of continuing relevance in our current economic landscape."

Chetty has published papers in leading journals on a range of topics related to government policy. One recent study focuses on the Earned Income Tax Credit (EITC), a \$50 billion program that gives low-income indi-

viduals in the United States cash subsidies to work more. Because the program is very complex, many individuals do not know that increasing their earnings will increase the amount of money they get from the government.



Chetty

Chetty ran a randomized experiment providing simple information about the incentives created by the EITC to 40,000 EITC claimants in Chicago. The experiment showed that providing simple information substantially magnified the effects of the program on subsequent work decisions and reduced poverty rates. Traditional economic theories ignore the importance of imparting information, and Chetty has developed new models of tax policy that will allow economists to take the lack of communication into account in order to design better policies.

Chetty has also studied the effects of risk on households and their implications for

optimal social welfare policy. He has shown that an individual's spending commitments, such as mortgage payments, affect his or her risk aversion, and make the optimal size of government welfare programs much larger than existing theories predict. His research has also demonstrated that unemployment benefits have beneficial effects by permitting individuals who could not otherwise afford to remain out of work to take more time to find a suitable job.

Chetty is co-director of the Public Economics Program at the National Bureau of Economic Research and editor of the Journal of Public Economics. He has been awarded three National Science Foundation grants for his research, including a CAREER award, the NSF's most prestigious grant for young researchers. He was named one of the best young economists of the past decade by The Economist magazine. Most recently, he was awarded the 2008 American Young Economist award and an Alfred P. Sloan Research Fellowship.

Chetty received his A.B. in 2000 and his Ph.D. in economics in 2003, both from Harvard.

Report on House renewal is released

On Wednesday (April 1) Harvard College Dean Evelyn Hammonds announced the release of the "Report on Harvard House Renewal" in an e-mail to the Harvard residential community. The report is a synthesis of the findings of the House Program Planning Committee, a group charged by Faculty of Arts and Sciences Dean Michael D. Smith with envisioning the "ideal" undergraduate House. The committee's work comes in the context of a University commitment to renewing and refurbishing the undergraduate Houses.

The report will serve as a working document that will help to guide plans for House Renewal. Among its key findings are:

- A need for residential programs that foster greater engagement with faculty;

- A recommendation to share specialty spaces among neighboring Houses;

- The need for varied, casual interaction and study spaces in the Houses; and

- A desire to integrate sustainable design elements into the refurbished Houses.

The University's plans to renew the undergraduate Houses will happen in three



The Eliot House Junior Common Room (above) is bright with sunlight.

Rose Lincoln/Harvard News Office

More information and multimedia,

www.news.harvard.edu/gazette/2009/03.05/11-renewal.html

stages: planning and program review; design and development; and construction and renovation. The release of the report marks the end of an internal review of the House system, which included numerous focus groups with students, staff, faculty, and alumni; a survey of House residents; the work of the House Program Planning Committee; and travel to

other schools to examine their residential communities. Throughout the spring, Deans Smith and Hammonds will share the report's findings with others in the community, including alumni, to gain additional insight on House planning and program review.

The report on Harvard House Renewal can be found at www.orl.fas.harvard.edu.

A summary of the report's findings, which appeared in the March 5, 2009, issue of the Gazette, can be accessed at www.news.harvard.edu/gazette/2009/03.05/11-renewal.html.

Lauer

(Continued from page 1)

domestic and international news in a range of fields such as politics, business, and entertainment.

In his role as co-anchor, Lauer has reported on stories that include the launch of Operation Iraqi Freedom, the Monica Lewinsky scandal, the 25th anniversary of the fall of Saigon, and the 2008 Summer Olympic Games in Beijing. He has conducted many first and exclusive interviews with President Barack Obama, former President

George W. Bush, then-first lady Hillary Rodham Clinton, Sen. John McCain, Sen. Larry Craig, and Yeslan Bin Laden, half-brother of Osama Bin Laden. Lauer is also co-host of the annual Macy's Thanksgiving Day Parade.

For the past nine years, Lauer has hosted a special travel series for "Today." Titled "Where in the World Is Matt Lauer?" the program features a week of live broadcasts from remote locations across the globe. To date Lauer has reported on 44 destinations, including Mount Everest, the Great Wall of

China, Machu Picchu, Angkor Wat, and Moscow's Red Square.

Lauer is a graduate of the Scripps College of Communication at Ohio University. He began his career reporting at WOWK-TV in Huntington, W.Va., and subsequently hosted news and talk programs in Boston, Philadelphia, and Providence, R.I. Lauer was the host of "9 Broadcast Plaza," a live interview program in New York, before joining WNBC-TV. He currently lives in New York with his family.

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SPORTS WRAP-UP

Women's Lightweight Crew

Holy Cross/Smith 1/3

Men's Baseball (4-16; 2-2 league)

L at New Orleans 9-11
L, L at Columbia 3-8, 6-8
W, W at Penn 6-4, 15-11

*Does not include results of April 1 game vs. Holy Cross

Men's Golf

UC Riverside 307/305

Men's Lacrosse (5-2; 1-0)

W Presbyterian 17-2

Women's Lacrosse (4-5; 1-1)

W Yale 8-5

Sailing

Owen, Mosbacher and Knapp Trophies 10/20
Duplin Trophy Women's Team Race 2/10
Boston Dinghy Club Cup 1/18

Softball (15-7; 3-1)

W, W Bryant 2-1, 8-1
W, L Columbia 1-0, 0-2
W, W Penn 3-1, 5-2

Men's Tennis (8-7)

L at UC Irvine 3-4
W at San Diego 2-5

Women's Tennis (7-7)

W at Santa Clara 7-0
W at Cal State Northridge 5-2

Men's Volleyball (10-6; 5-1 league)

W at NYU 3-2
W at Sacred Heart 3-2

Women's Water Polo (7-9)

W at UC Davis 3-5
W at Cal State Monterey Bay 17-10

UPCOMING SCHEDULE

The week ahead (Home games in bold)

Thursday, April 2

Softball **Rhode Island (DH)** 3/5 p.m.

Friday, April 3

M Tennis **Columbia** 2 p.m.
W Tennis **Columbia** 2 p.m.
T&F Sam Howell Invitational TBA

Saturday, April 4

Baseball **Cornell (DH)** noon
MHW Crew San Diego Crew Classic all day
MHW Crew **Brown** 9 a.m.
MLW Crew San Diego Crew Classic all day
MLW Crew Columbia/Georgetown 4 p.m.
M Golf Yale Spring Opener TBA
W Golf 2009 Brown Invitational TBA
T&F Penn Invitational 9 a.m.
M Tennis **Cornell** 2 p.m.
W Tennis **Cornell** noon
M Lacrosse **Cornell** 1 p.m.
W Lacrosse Penn noon
Sailing Dellenbaugh Trophy Women's Inter-sectional TBA
Sailing Central Series Three TBA
Sailing Southern New England Team Race TBA
Softball **Cornell (DH)** 12:30 p.m.
Water Polo **Hartwick** 1:30 p.m.
Water Polo **Brown** 6 p.m.

Sunday, April 5

Baseball **Princeton (DH)** 12:30 p.m.
W Golf 2009 Brown Invitational TBA
W Lacrosse **Virginia** 1 p.m.
Sailing Central Series Three TBA
Sailing Southern New England Team Race TBA
Sailing Tyrell Trophy TBA
Softball **Princeton (DH)** 12:30 p.m.
M Tennis Loyola Marymount 3 p.m.
W Water Polo Utica 1 p.m.
W Water Polo Connecticut College 4 p.m.

Visit www.gocrimson.com for complete schedule, the latest scores, and Harvard sports information or call the Crimson Sportsline (617) 496-1383.

SPORTS BRIEFS

Men's lacrosse pound Presbyterian

After their heartbreaking 8-9 loss at Georgetown last Wednesday (March 25), the No. 17 Harvard men's lacrosse team rebounded with a dominating performance on Friday (March 27), devastating the Presbyterian Blue Hose by a score of 17-2.

The Crimson — who outshot Presbyterian 34-14 — were powered by “career days” from sophomore attackman Dean Gibbons, who tallied a career-high five goals, and fellow sophomore Matt Hull, who added three goals. Although Crimson goaltender Joe Pike '09 saw a limited number of shots, he still managed four saves in the game.

After the Crimson scored the first goal of the match to take a 1-0 lead, Presbyterian fired back with the equalizer to tie the game at one goal apiece. Harvard responded with nine consecutive goals, eventually going into the half with a 10-2 lead. In the second half the Crimson refused to let up, scoring seven more goals and keeping the Blue Hose off the scoreboard.

Harvard (5-2; 1-0 Ivy League) faces its next test — its toughest of the season — when the team travels to Ithaca, N.Y., to play Cornell on Saturday (April 3). The Big Red, ranked No. 4 in the country, are 6-1 this season; their only loss came at the hands of No. 1 University of Virginia.

Crimson volleyball survive NYU, Sacred Heart

Despite falling behind 0-2 at New York University (NYU) on Saturday (March 28) and 1-2 at Sacred Heart on Sunday (March 29), the Harvard men's volleyball team still fought through, taking both matches in five games. Senior captain Brady Weissbourd, who finished with 31 kills, a career-high 12 blocks, and seven digs against NYU, followed his performance with another 31-kill match, six blocks, a career-high 15 digs, and two service aces, and was named the EIVA Hay Division Player of the Week on Monday (March 30). The Crimson have now won seven of their last eight and have won four straight to improve their record to 10-6.

Harvard stands in a first-place tie with Rutgers-Newark for the EIVA Hay Division lead. The winner of the Hay Division will move up to the Tait Division next season. The Tait Division is composed of the toughest teams in the EIVA.

Lightweight crew win two weekend races

On Sunday (March 29), the Radcliffe lightweight crew opened things off right, taking home two first-place finishes at Holy Cross. The varsity eight finished with a time of 6:35 — four seconds ahead of the Holy Cross Crusaders and eight seconds ahead of the Smith Pioneers. The Black and White also captured the novice eight, finishing just a second ahead of Smith in the event. Radcliffe was the runner-up in the second varsity eight race with a time of 7:29.1.

Radcliffe returns to action on Saturday (April 4) in D.C. for the Class of 2004 Cup race at Georgetown.

— Compiled by Gervis A. Menzies Jr.



Photos Justin Ide/Harvard News Office

Finishing the afternoon with five saves, freshman goalkeeper Kerry Clark (center) stretches out to make a critical, late-game save to secure the 8-5 victory for the Crimson.

Women's lacrosse defeat Yale for first Ivy win

Crimson hold off the Bulldog's fight

By Gervis A. Menzies Jr.
Harvard News Office

There's no stopping them, and there's no containing them. It's too bad the team from Connecticut wasn't forewarned.

On Saturday (March 28), Crimson women's lacrosse teammates Jess Halpern '11 and Kaitlin Martin '09 — who are first and second respectively in the Ivy League in goals, points, and shots per game — provided more than enough offensive fuel for the Crimson, scoring a combined seven goals to guide the Crimson to an 8-5 victory over the Yale Bulldogs for Harvard's first Ivy League win of the season.

Halpern, who scored the first goal of the match just 69 seconds into the game, freed herself from her defender with a dazzling stutter-step move, immobilizing the Yale defense long enough to fire the ball in. Minutes later, Yale capitalized on a Crimson penalty to tie the game at 1. The Crimson scored three more goals in the period, going into the half up 4-2.

At the start of the second half, Halpern again wasted no time getting the Crimson on the board, recording her third goal of the game and doing it — in pure Halpern form — just 70 seconds into the half. It was Halpern's 32nd goal of the season and marked the eighth time in nine games she finished with at least three goals.

Yale was far from done, answering Halpern's goal with three unanswered tallies, evening the score at 5-5. But filling the offensive vacuum, Martin picked up where Halpern left off, posting three more goals in the final 11 minutes of the game. This late drive proved to be too much for the Bulldogs, who could not get past the Crimson defense to find the back of the net.

Crimson goaltender Kerry Clark, who notched five saves in the contest, was critical in the win. Challenged late in the game, the freshman came up with several huge saves for Harvard.

The Crimson, who going into Saturday's game had dropped four of their last five, have struggled in close games this year, but managed this time to pull together for their fourth win of the season.

“We play in waves. [This season] we haven't played for 60 minutes. We would play hard for spurts, and teams would catch us in down periods, where we would start slow and then relax a little bit. The difference here is that we didn't ground ball well, but for the most part played [as] hard as we could for the whole game. It was a consistent effort,” said Harvard head coach Lisa Miller.

Although the statline was once again dominated by the dynamic Halpern-Martin pair, the victory was clearly a team effort.

“[Clark] had a huge save when we really needed one, Sam [McMahon] '10 had a huge takeaway when we really needed one, and they scrambled around and came up with ground balls. They played hard. We need to do it the rest of the season,” said Miller.

Harvard (4-5; 1-1 Ivy League) will look to take the momentum from the victory to fuel the team as they host second-ranked Penn on Saturday (April 4).

“The game's about fundamentals. It's about doing the little things right as hard as you can all of the time,” said Miller. “Regardless of your opponent, you're always trying to control what you do.”



Senior Kaitlin Martin (right) and Sarah Bancroft, senior midfielder, celebrate their win. Martin finished the day with a game-high four goals.

Mechanism identified that directs stem cells to destination

How stem cells find their way around

By B.D. Colen
Harvard News Office

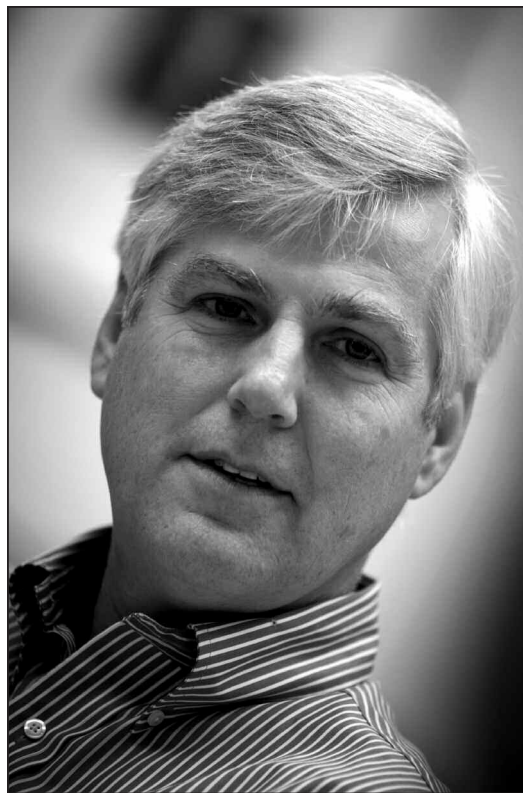
Harvard Stem Cell Institute (HSCI) researchers have for the first time identified in mice a cellular mechanism that directs stem cells to their ultimate destination in the body.

The finding in blood stem cells by HSCI co-director David Scadden and colleagues holds the promise of greatly increasing the efficiency of the bone marrow transplants used to treat various forms of cancer and has enormous implications for future therapies utilizing all forms of stem cells.

“Figuring out the mechanisms that tell stem cells how to get to where they need to go is a major problem when we’re thinking about stem cell therapies,” said Scadden, who is the director of the Center for Regenerative Medicine at Massachusetts General Hospital and is also the co-chairman of Harvard’s new Department of Stem Cell and Regenerative Biology.

Hal Broxmeyer, chairman and Mary Margaret Walther Professor of Microbiology/Immunology and scientific director of the Walther Oncology Center at Indiana University School of Medicine, said the new study “provides crucial, important, and physiologically relevant information on [blood stem cells’] homing/engrafting capability ... Most importantly, the results from this study open up the possibility of using a relatively simple means to enhance homing/engraftment and mobilization of” blood stem cells in bone marrow transplantation. “... I look forward with great anticipation to seeing this work by Scadden’s group successfully translated into the clinic for patients,” Broxmeyer said.

Scadden, a physician-scientist who



File Justin Ide/Harvard News Office

HSCI co-director David Scadden (above) and colleagues have identified in mice a cellular mechanism that directs stem cells to their destination.

specializes in the treatment of cancers of the blood system, notes that the “system has paved the way for so much of our understandings of stem cell therapy.” Bone marrow transplantation, which has been used for several decades to treat a number of cancers, is essentially stem cell therapy, as the donated marrow transplanted into the patient carries blood stem cells that it is hoped will provide the patient with a new blood-producing system.

In this new study, published today in the journal *Nature*, Scadden’s team reports identifying the cellular pathway — the route by which signals travel from recep-

tors on the cell’s surface to direct the action of the cell — that serves as a kind of GPS directing the travel of the cell. Additionally, the researchers report a number of already approved drugs — used to treat a variety of diseases — that activate this directional system.

“This is a pathway that’s been intensively studied because of its relationship to hormone function and blood pressure,” Scadden explained. “There is a wide range of drugs that have been developed that effect this pathway, for everything from blood pressure regulation to asthma control.

“This is a critical pathway in a number of cells,” Scadden continued. “It’s important in the heart and the blood vessels, in the brain, and in platelets. We found out not only that it’s there, but that it’s absolutely critical for stem cells to find their way home. And if you stimulate it,” he said, “you can improve the cell’s path-finding ability.”

Serendipitously, another group of HSCI researchers, led by Leonard Zon at Children’s Hospital Boston, has approval from the U.S. Food and Drug Administration to begin a clinical trial seeking to improve the efficacy of bone marrow transplantation, using a compound that activates the pathway identified by the Scadden group — prostaglandin E2.

“Ours was a mechanistic study,” said Scadden, one in which he and his colleagues sought to find the mechanism that directs stem cells to where they belong and can best multiply. Meanwhile, he said, Zon and colleagues approached the problem from another direction. “Len was saying, ‘I’m going to test every drug that’s known on blood stem cells in zebra fish [the system in which Zon does his research]’ and he found one that activates this pathway,” publishing that work in *Nature* just about two years ago.

Catalog, handbooks, Q Guide go online only

By Robert Mitchell
FAS Communications

In a plan designed to eliminate waste, provide more options for faculty, students, and staff, and to reduce costs, the “Courses of Instruction,” “Harvard College Handbook for Students,” “The Graduate School of Arts and Sciences Handbook for Students,” and “Q Guide and Information for Faculty Offering Instruction in Arts and Sciences” will be available online only, beginning with the fall 2009 term.

In announcing the elimination of the “Courses of Instruction” and handbooks, registrar Barry Kane says, “There are many compelling reasons to have online-only versions of these publications. A majority of our students and many members of the faculty and staff conduct most of their business online, and are very effective at using the array of online tools available to them. In addition, the president has asked all segments of the University community to make good judgments about activities that may contribute to the creation of greenhouse gases. The amount of paper used for these publications is, by definition, not a good use of resources.”

Kane also says that eliminating the printed versions of these publications will save tens of thousands of dollars. Further, he says, the printed “Courses of Instruction” “is significantly out-of-date before the first copy rolls off the press.” Many faculty members find it increasingly difficult to finalize course data in time for the May print deadline, and students relying on the printed version have complained that their ideal schedule sometimes has to be dismantled because of changes to the courses selected, especially in the spring, by which time the catalog is nine months old.

Advantages to the online catalog include advanced course search capability, allowing students to search for courses to populate their online shopping carts and to ultimately print their study cards; easy printing of courses offered by a particular department; and faculty access to a sophisticated stand-alone electronic application that provides them with the results of their course evaluations.

“When you look at the volumes of paper, printing costs, and the fact that most people use the online versions of these publications, it made very little sense to continue to print paper versions,” says Jay Harris, Harry Austryn Wolfson Professor of Jewish Studies, dean of undergraduate education, and master of Cabot House. “Further, the online versions of these documents give the user a greater ability to access information, and much more flexibility in viewing multiple sources of information synoptically.”

Online course evaluation information will be fully integrated into the shopping tool, allowing students to find it very easily. Students will be able to compare courses using a number of evaluation parameters. Courses in the students’ shopping cart will have a summary of their Q scores, so students can look at them side-by-side. Students will have access to the full text of comments on the evaluations for one key question, asking whether students would recommend the course to their peers, rather than edited versions in the printed guide. Finally, students will see displays and analyses of evaluation data, including various benchmarks, not currently available in the printed guide.

Lowe appointed executive director of HUNAP



Shelly Lowe is completing her doctorate in higher education with a focus on American Indian student success and services.

Shelly C. Lowe has been named the new executive director of Harvard University’s Native American Program (HUNAP). The appointment becomes effective this July.

An enrolled member of the Navajo Nation, Lowe grew up on the Navajo reservation in Ganado, Ariz. Before coming to HUNAP, Lowe held the position of assistant dean for Native American Affairs in the Yale College Deans Office and was director of the Native American Cultural Center at Yale University. Prior to her position at Yale, she spent six years as the graduate education program facilitator for the American Indian Studies Programs at the University of Arizona. During her time at the University of Arizona she was

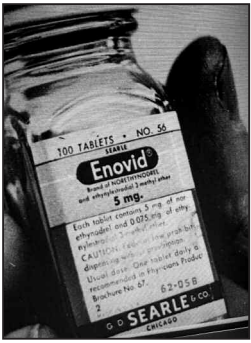
appointment

actively involved in the Native American Student Affairs Office and the American Indian Alumni club. She has served on the board of the National Indian Education Association and as a trustee for the National Museum of the American Indian.

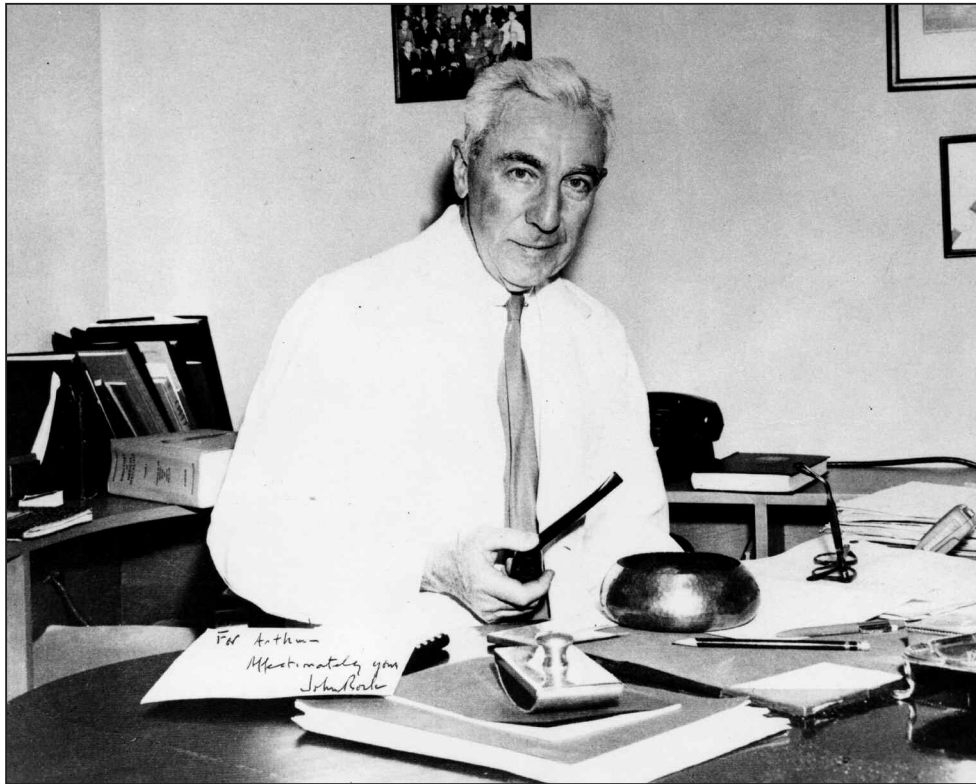
Lowe is completing her doctorate in higher education with a focus on American Indian student success and services. She will be the guest of honor at HUNAP’s student-faculty dinner on April 16. In the interim, Lowe will be continuing to work with the HUNAP staff and faculty to help lay a solid groundwork for continuing to move HUNAP forward next year.

For more on HUNAP,
www.hunap.harvard.edu

Medical School's Rock played key role in creation of oral contraceptive



John C. Rock (right) invested as much effort into figuring out how to make infertile women fertile as he did finding out how to use hormones in an oral contraceptive.



Courtesy of Francis A. Countway Library of Medicine

Development of 'the pill' examined

By Alvin Powell
Harvard News Office

The birth control pill, which revolutionized contraception and sparked a cultural reassessment of the purpose of sex and the sanctity of life, was developed by a Harvard fertility doctor who believed people should have children early in life — and as many as they could afford.

John Rock, a Harvard College and Harvard Medical School (HMS) graduate who spent his career at Harvard Medical School and the Free Hospital for Women — today Brigham and Women's Hospital — invested as much effort into figuring out how to make infertile women fertile as he did finding out how to use hormones in an oral contraceptive, which became known as the birth control pill.

Rock, who retired in 1955 and died in 1984, worked for years to understand human reproduction. His findings, together with those of colleagues and collaborators, today provide an important foundation for reproductive medicine. His work highlighted the early development of the human embryo and the timing of a woman's ovulation. He was the first to use hormones to treat infertility, and he conducted experiments in *in vitro* fertilization that would lay the groundwork for the birth of Louise Brown, the world's first test-tube baby, in 1978.

Rock's life and career were the subject of an afternoon symposium March 26 at Harvard Medical School's Francis A. Countway Library of Medicine. Sponsored by Countway's Center for the History of Medicine, the event celebrated the opening of Rock's papers to researchers and academics. The collection includes a wide array of letters, reports, scientific documents, photographs, and even slides from some of his experiments.

The library is also hosting a display of Rock's papers, which includes a brochure for Enovid, the first oral contraceptive approved by the Food and Drug Administration. Enovid, a combination of norethyn-



Stephanie Mitchell/Harvard News Office

The symposium featured presentations by Wanda Ronner (left) from the University of Pennsylvania and Rutgers' Margaret Marsh.

odrel and mestranol, was approved for use to treat menstrual disorders in 1957 and then as a contraceptive in 1960.

The symposium featured presentations on Rock's life and science by Rutgers University Interim Chancellor and Distinguished Professor of History Margaret Marsh and by Wanda Ronner, clinical associate professor of obstetrics and gynecology at the University of Pennsylvania. Together, the two wrote about Rock in their 2008 book, "The Fertility Doctor: John Rock and the Reproductive Revolution."

Other speakers included Elizabeth Siegel Watkins, professor and director of graduate studies at the University of California at San Francisco's History of Health Sciences Program, and George Zeidenstein, visiting distinguished fellow at the Center for Population and Development Studies at the Harvard School of Public Health. Watkins spoke about the rise and fall of the contraceptive Norplant, while Zeidenstein spoke about global perspectives on family planning and reproductive health.

Rock's medical career got its start in an unlikely place: a banana plantation in Guatemala. Rock's father sent Rock, then a somewhat aimless 19-year-old, south to make some money and gain experience. Though Rock disliked both the work and

the tropics, he became friendly with the plantation doctor and began to work with him in the hospital there. Rock was eventually fired from the job, and, though he came home in disgrace, he enrolled at Harvard College and then continued his studies at Harvard Medical School.

Rock did his residency at the Free Hospital for Women beginning in 1920 and continued working there for much of his career.

Marsh said that Rock, a practicing Catholic, was a strong supporter of families. He had several children of his own and numerous grandchildren. He counseled young couples to have as many chil-

dren as they could afford to support, but also believed that couples should be able to stop having babies when they felt their families were complete. His research into *in vitro* fertilization was aimed at helping infertile women conceive, even though his later research led to the pill.

"Research on human reproduction cannot be separated neatly into one category of infertility and another of contraception," Marsh said.

Rock did not consider himself primarily a laboratory-based researcher and said that all his work was motivated by his patients' needs, noted Marsh. Indeed, he was dependent on key colleagues such as Arthur Hertig, with whom he studied the development of the human *ova* and the early embryo; Miriam Menkin, with whom he conducted *in vitro* fertilization experiments; and Gregory Pincus, who had accomplished *in vitro* fertilization of rabbits in 1934 and with whom Rock developed the pill. As important as Rock's colleagues were the roughly 1,000 women who agreed to participate in the experiments that made his work possible.

"For him, research was a means to an end, never an end in itself," Marsh said. "You could say his patients' needs and longings shaped the problems he addressed — either they were unable to conceive or had more children than they wanted."

APPOINTMENTS

Blumenthal is national coordinator for health information technology

The U.S. Department of Health and Human Services (HHS) announced March 20 the selection of **David Blumenthal** as the Obama administration's choice for national coordinator for health information technology.

A physician at Massachusetts General Hospital (MGH), Blumenthal is also director of the MGH Institute for Health Policy, Samuel O. Thier Professor of Medicine, and professor of health care policy at Harvard Medical School. In addition, he is the director of the Harvard University Interfaculty Program for Health Systems Improvement.

As the national coordinator, Blumenthal will lead the implementation of a nationwide interoperable, privacy-protected, health information technology infrastructure as called for in the American Recovery and Reinvestment Act (ARRA).

ARRA includes a \$19.5 billion investment in health information technology, which will save money, improve quality of care for patients, and make the U.S. health care system more efficient, according to the HHS release. Blumenthal will lead the effort at HHS to modernize health care information technology by 2014, thereby reducing health costs for the federal government by an estimated \$12 billion over 10 years.

"I am humbled and honored to have the opportunity to serve President Obama and the American people in the effort to harness the power of health information technology to modernize our health care system," Blumenthal said. "As a primary care physician who has used an electronic record to care for patients every day for 10 years, I understand the enormous potential of this technology."

Howard Koh tapped for assistant secretary for health

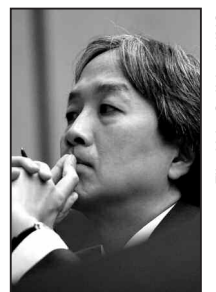
President Barack Obama announced March 25 his intent to nominate **Howard Koh**, the Harvey V. Fineberg Professor of the Practice of Public Health at Harvard School of Public Health (HSPH), to be assistant secretary for health in the Department of Health and Human Services (HHS).

Koh is also the School's associate dean for public health practice and director of the Division of Public Health Practice.

The U.S. assistant secretary for health is responsible for the major health agencies, including the Centers for Disease Control and Prevention (CDC), U.S. Food and Drug Administration (FDA), and National Institutes of Health (NIH), and is the leading health adviser to the secretary of HHS.

Koh has served as the principal investigator of multiple research grants related to community-based participatory research, cancer prevention, health disparities, tobacco control, and emergency preparedness. He is also director of the HSPH Center for Public Health Preparedness.

From 1997 to 2003, Koh served as commissioner of Public Health for the commonwealth of Massachusetts. In that post he emphasized the power of prevention for the Massachusetts Department of Public Health, which included four public health hospitals and a staff of more than 3,000 professionals.



Koh

File Kris Snibbe/HNO

Harvard Catalyst grants encourage greater faculty collaboration

By B.D. Colen and Thomas Ulrich
Harvard News Office and Harvard Catalyst

Scientists from Massachusetts General Hospital (MGH), Harvard's Faculty of Arts and Sciences (FAS), and the Harvard-Smithsonian Center for Astrophysics are measuring how patients' posture affects MRI imaging of their breathing.

Harvard Kennedy School and Harvard Law School researchers are developing an open-source translational research network.

Laboratories at Harvard's School of Engineering and Applied Sciences and the Dana-Farber Cancer Institute are collaboratively investigating whether polymer bacterial mimics can act as cancer vaccines.

These three highly diverse collaborative studies are among the first 62 to be selected for \$3.1 million in funding from Harvard Catalyst, the new pan-University organization supported by a five-year, \$117.5 million Clinical and Translational Science Award from the National Institutes of Health — and an additional \$75 million committed by the University and the Academic Health Centers

The 62 grants, of \$50,000 each, are bringing together 218 investigators from 23 Harvard Schools and academic health care centers. The winners were selected from 607 applications — involving 1,448 researchers — submitted in September.

Lee Nadler, dean of clinical and translational research at Harvard Medical School (HMS) and director of Harvard Catalyst, said it was “astounding” that nearly 10 percent of all Harvard faculty applied. “The grants tapped a strong desire among people to collaborate across departments and institutions,” Nadler said, “and have helped us start to build a community of clinical and translational researchers that spans the University.”

Nadler said the grants will stimulate research in three ways:

- They bring together researchers from different institutions and/or disciplines — people who, in many cases, may never have previously had an opportunity to collaborate — to jointly address important scientific questions.

- They provide the means to generate the preliminary data needed to apply for long-

term funding, an important consideration for junior investigators in particular as they work to establish independent research programs.

- They help focus scientific resources and expertise on high-risk, high-impact areas.

“We needed to bring together expertise in radiology, endocrinology, and psychiatry, which would have been difficult to do within any one place,” said Elizabeth Lawson, an instructor at HMS and a pilot grant recipient from MGH. “This grant, and the underlying infrastructure created by Harvard Catalyst, provides a tremendous opportunity for us to collaborate across disciplines and institutions.”

Laura Holsen, another HMS instructor and a co-investigator of Lawson's from Brigham and Women's Hospital, added, “Liz and I had met once before, but never had a chance to collaborate until this opportunity came along. Working together, we feel strongly that we can bring about a novel approach to thinking about the neurobiology of anorexia nervosa,” the main focus of their grant.

HMS Dean Jeffrey Flier said the response to the grant program “demonstrates the drive among the faculty to collaborate on unique

problems. Watching this process unfold has confirmed my deep conviction that we can most effectively impact human health by encouraging people from across Harvard who have never worked face to face to work together.”

Jonathan Beckwith, American Cancer Society Professor of Microbiology and Molecular Genetics at HMS and another of the grant winners, noted that his “lab has, for over 40 years, strictly focused on basic scientific research. Our project, however, will take my lab's recent findings in *E. coli* genetics and apply them to both tuberculosis and blood coagulation. The Quad- and hospital-based collaborations needed to conduct this study would not likely have come together without this support from Harvard Catalyst.”

The application window for the next round of Harvard Catalyst Pilot Grants will open in early April. For more information, please visit the Pilot Funding page on the Harvard Catalyst Web site. Harvard Catalyst encourages those considering applying in the next round to contact a Research Navigator with questions regarding the pilot grants.

Ash names Top 50 innovations in government

The Ash Institute for Democratic Governance and Innovation at Harvard Kennedy School (HKS) recently announced the top 50 programs of the 2009 Innovations in American Government Awards competition. The programs, which represent the best in government innovation from local, county, city, tribal, state, and federal levels, were selected from more than 600 applicants, and include 21 cities and towns, seven counties, one school district, 11 states, eight federal agencies, one tribal government, and one regional authority.

Established in 1985 at HKS by the Ford Foundation in response to widespread pessimism and distrust in government's effectiveness, the awards program acts as a significant force in restoring public trust in government by promoting public sector creativity and excellence. Competing programs demonstrate innovative solutions within a host of policy areas, and since the competition's inception, over 400 government programs across all jurisdiction levels have been recognized and have collectively received more than \$20 million in grants to support dissemination efforts.

In addition to encouraging the adaptation of innovative practices worldwide, award winners provide models of good governance taught in government school curricula. Such programs inform research and academic study around issues of democratic governance at HKS and serve as the basis for case studies for present and future public practitioners. To date, more than 450 Harvard courses and over 2,250 courses worldwide have incorporated Innovations in American Government case studies.

Finalists of the 2009 Innovations Awards will be announced on May 18 and will present before the National Selection Committee, chaired by David Gergen, professor of public service at HKS. This event, which will be held on May 27, is free and open to the public. The 2009 Innovations winners will be announced in September, and applicants for the 2010 awards are encouraged to apply at www.innovationaward.harvard.edu.

Daniel Gilbert (left) worked with Matthew Killingsworth (right), as well as Rebecca Eyre and Timothy Wilson (not pictured), on the study.



Stephanie Mitchell/Harvard News Office

Study: Key to happiness is listen to others

By Amy Lavoie
FAS Communications

Want to know what will make you happy? Then ask a total stranger — or so says a new study from Harvard University, which shows that another person's experience is often more informative than your own best guess.

The study, which appears in the current issue of *Science*, was led by Daniel Gilbert, professor of psychology at Harvard and author of the 2007 bestseller “*Stumbling on Happiness*,” along with Matthew Killingsworth and Rebecca Eyre, also of Harvard, and Timothy Wilson of the University of Virginia.

“If you want to know how much you will enjoy an experience, you are better off knowing how much someone else enjoyed it than knowing anything about the experience itself,” says Gilbert. “Rather than closing our eyes and imagining the future, we should examine the experience of those who have been there.”

Previous research in psychology, neuroscience, and behavioral economics has shown that people have difficulty predicting what they will like and how much they will like it, which leads them to make a wide variety of poor decisions. Interventions

aimed at improving the accuracy with which people imagine future events have been generally unsuccessful.

So rather than trying to improve human imagination, Gilbert and his colleagues sought to eliminate it from the equation by asking people to predict how much they would enjoy a future event about which they knew absolutely nothing — except how much a total stranger had enjoyed it. Amazingly enough, those people made extremely accurate predictions.

In one experiment, women predicted how much they would enjoy a “speed date” with a man. Some women read the man's personal profile and saw his photograph, and other women learned nothing whatsoever about the man, but did learn how much another woman (whom they had never met) had enjoyed dating him. Women who learned about a previous woman's experience did a much better job of predicting their own enjoyment of the speed date than did women who studied the man's profile and photograph.

Interestingly, both groups of women mistakenly expected the profile and photo to lead to greater accuracy, and after the experiment was over both groups said they would strongly prefer to have the profile and photograph of their next date.

In the second experiment, two groups of participants were asked to predict how they would feel if they received negative personality feedback from a peer. Some participants were shown a complete written copy of the feedback. Others were shown nothing, and learned only how a total stranger had felt upon receiving the feedback. The latter group more accurately predicted their own reactions to the negative feedback. Once again, participants mistakenly guessed that a written copy of the feedback would be more informative than knowledge of a total stranger's experience.

“People do not realize what a powerful source of information another person's experience can be,” says Gilbert, “because they mistakenly believe that everyone is remarkably different from everyone else. But the fact is that an alien who knew all the likes and dislikes of a single human being would know a great deal about the species. People believe that the best way to predict how happy they will be in the future is to know what their future holds, but what they should really want to know is how happy those who've been to the future actually turned out to be.”

Gilbert's research was funded by the National Science Foundation.

Experts get down to business at 2009 Humanitarian Action Summit



Katherine C. Cohen/Harvard News Office

Dorothy Sewe (center), who, along with her family, fled tribal violence in Kenya in 2000, listens to speakers at HHI's Action Summit.

By **Corydon Ireland**
Harvard News Office

In December 2000, Dorothy Sewe and her family — fleeing tribal violence in Kenya — escaped across the border into Tanzania. In the first few days, all 17 huddled under plastic bags in the pouring rain. They camped outside the office of the United Nations High Commissioner for Refugees, begging for help.

The family, including Sewe's mother and the seven children of her slain sister, moved to a succession of refugee camps. With four blankets among them, the family slept under one of the tarps they were

given. The other they sold for food.

Food was scarce, typhoid and malaria raged, and water for cooking came from a ditch that smelled of sewage. A year later, with safe passage to the United States, Sewe said she left the last camp “with a broken heart.”

Last week, she was the only ex-refugee among 150 aid experts, fieldworkers, and disaster-relief scholars who gathered at Harvard for an annual conference. Outside one session, Sewe said, “I'm the only nobody here.”

The 2009 Humanitarian Action Summit, sponsored by the Harvard Humanitarian Initiative (HHI), was the third of a

series that began in 2006 and continued in 2007. (A fourth is planned for 2010.)

Sir John Holmes, undersecretary general of humanitarian affairs at the United Nations, delivered the conference's most thorough assessment of present reality during a Friday night (March 27) keynote at the Northwest Science Building.

Nine out of 10 disasters in the world are related to climate change, he said, the consequence of “a new normal of extreme weather”: an accelerating pace of floods, drought, heat waves, and catastrophic storms.

And climate change is just one of the
(See Relief, next page)

Creativity through cerebration

Contemporary composer's creative process is as analytical as inspirational

By **Colleen Walsh**
Harvard News Office

Contemporary composer Kay Rhie hasn't had many watershed musical moments.

The romantic ideal of a composer “deeply entrenched in creative epiphanies,” she admitted on a recent damp spring afternoon, is “not my story.”

Instead, the 2008-09 Radcliffe Fellow said her creative process, which draws from a range of sources, has a decidedly systematic approach. While at Harvard, Rhie is working on the commissioned, three-movement piece “Songs Without Words,” inspired by the poems of early modernist Korean poet Kim Sowol, as well as other chamber music and orchestral pieces.

“At some point in my career as a composer,” Rhie told a crowd at a lecture in the Radcliffe Gymnasium on March 30, “I had to learn to be very analytical about what makes a piece of music work.”

As a result, the Korean native has pulled together concepts from disparate artistic and cultural traditions as well as a variety of academic disciplines in order to explore and interpret the musical world. Employing art, architecture, literature — even math — as inspiration, Rhie seeks to find ways contemporary music, in the absence of strict form or tonal structure, “can clearly convey its musical goal.”

Architectural concepts, said Rhie, help to inform her understanding of “what kind of overall shape or structure” a piece of music takes. Similarly, the meter and rhythms inherent in the poetry that sometimes inspires her work can ultimately influence its resulting melodic cadences.

The flow of time (and its artistic interpretation) is a vital element in many of Rhie's compositions and has inspired her to use the tranquil qualities inherent in the meditative narratives of Indonesian *gamelan* and Korean music, as well as the polyrhythms of African drumming, in her works.

“While all art demands a certain time from its witness,” said Rhie, “the perception



Rose Lincoln/Harvard News Office

Employing art, architecture, literature — even math — as inspiration, Kay Rhie seeks to find ways contemporary music, in the absence of strict form or tonal structure, ‘can clearly convey its musical goal.’

of time is the actual vehicle through which music takes its course.”

Combining traditions from the East and the West and discovering new ways to interpret ancient forms are of particular interest to Rhie, whose musical juxtapositions can be as shrewd as they are successful.

Playing an excerpt from “Arirang,” the third miniature of her “Three Miniatures for Solo Piano,” Rhie explained how she incorporated the theme of a Korean folk song in an unorthodox way by investing it with bluesy, jazz-type inflections.

In her five-minute choral work “Tears for Te Wano,” written for the Men's Glee Club at Cornell University, Rhie described her surprising fusion of Maori lament for a tribal leader from the 1860s with a Latin liturgical chant from the Italian Renaissance.

Pianist Barbara Lieurance and violinist Gabriela Diaz performed the world premiere of Rhie's “Songs Without Words.” Commissioned by violinist Andrew Jennings, Rhie's latest work evolves around the collection of poems of longing and loss titled “Azaleas,” by Sowol.

David McCann, Korea Foundation Professor of Korean Literature and director of the Korea Institute, recently translated the poems. The works were familiar to Rhie, who recalled memorizing some of them as a young girl in junior high school in Korea, where they are cherished. Their rhythmic structure, she said, inspired by the rhythm and flow of Korean folk song, lend the works an unforgettable quality.

The notion of comparing the English and the Korean versions of the texts intrigued Rhie, who wondered what it would be like to “line up two languages that have such inherently different speech rhythms.”

That's exactly what she did.

With the help of Harvard sophomore Blake Allen, who is part of the Radcliffe Research Partnership Program that connects undergraduates with Radcliffe Fellows, the two recorded both the Korean and English versions of the texts. Using speech analysis software, Allen then studied the vowel and consonant components in each reading and developed a vowel chart with which Rhie was able to create corresponding musical pitch intervals.

Using the vowel chart, “I was able to create my own harmonic map [that allowed me] to come up with the harmonic sequences of certain sections [of the piece].”

This simultaneously analytical and inspired approach has paid off for Rhie, whose compositions convey a depth of emotional range and character. Expressive tones are often paired with moving rhythmic structures to create haunting and evocative aural sequences.

Judith E. Vichniac, director of the fellowship program, while introducing Rhie at the afternoon lecture, repeated a phrase of one of the composer's admirers, who had said that Rhie's work is able “to speak to the soul with an absolute beauty of expression and simplicity of means.”

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NEWSMAKERS

Five awarded membership to Royal Irish Academy

Five Harvard faculty members were awarded honorary membership to the Royal Irish Academy on March 16. The honorary members include Harvard President **Drew Faust**, Lincoln Professor of History; **Arthur Jaffe**, Landon T. Clay Professor of Mathematics and Theoretical Science; **Michael B. McElroy**, Gilbert Butler Professor of Environmental Studies; **Lisa Randall**, professor of physics; and **Amartya Sen**, Thomas W. Lamont University Professor.

Established in 1785, the Royal Irish Academy is Ireland's academy for the sciences, humanities, and social sciences. Election to the academy is the highest academic honor in Ireland, and is a public recognition of outstanding achievement. Honorary membership is awarded to people who have made major contributions to their academic discipline and who normally reside outside Ireland. Candidates are nominated by at least two academy members before being peer-reviewed and considered on an annual basis.

For more information about the Royal Irish Academy, visit www.ria.ie.

Losick among Canada Gairdner International Award recipients

Richard Losick, the Maria Moors Cabot Professor of Biology, was recently named one of seven Canada Gairdner International Award winners by the Gairdner Foundation, and will receive a CA\$100,000 as one of the world's leading medical research scientists. The Gairdner award is among the most prestigious awards in biomedical science.

Losick shares his award with Lucy Shapiro, director of the Beckman Center for Molecular and Genetic Medicine at Stanford University, “for their discovery of mechanisms that define cell polarity and asymmetric cell division, processes key in cell differentiation and in the generation of cell diversity.” Their work has major implications for understanding how bacteria grow and divide.

Losick will receive his award at the Gairdners' 50th anniversary banquet in Toronto on Oct. 29. He will also take part in the Gairdner National Program in October, lecturing at universities across Canada as well as at the Gairdner Minds That Matter conference at the University of Toronto on Oct. 29.

— Compiled by Gervis A. Menzies Jr. and Sarah Sweeney

Urban areas offer hidden biodiversity

Specialist highlights need for innovative urban design

By Alvin Powell
Harvard News Office

Urban areas around the world are places of hidden biodiversity that need to be protected and encouraged through smart urban design, said an authority in green city design.

Kristina Hill, associate professor and director of the Program in Landscape Architecture at the University of Virginia, said considering biodiversity in urban design is particularly important as human density in coastal areas continues to increase. These areas are not just attractive for their beauty, **research** they're also critical transition zones from marine to terrestrial and freshwater habitats, and are the sites of nurseries for a host of marine species in the form of salt marshes and eelgrass beds.

New urban plans have to take into account the additional danger of global-warming-induced sea level rise, which threatens to swamp these sensitive areas around the world.

Hill spoke to a standing-room-only crowd at the Geological Lecture Hall on March 18. Her talk, "Designing the Urban Ark: Biodiversity and the Future of Cities," was the inaugural lecture in a new series sponsored by the Harvard Museum of Natural History (HMNH).

The annual series, called "New Directions in EcoPlanning," presents an opportunity for an exchange of ideas among scientists, urban planners, architects, and experts in other fields, according to HMNH executive director Elisabeth Werby. Werby,



Rose Lincoln/Harvard News Office

Landscape architecture expert Kristina Hill (left) meets with students and imparts the surprising news that there's more biodiversity in urban than agricultural areas. Not only is overall biodiversity higher, said Hill, the biodiversity of native species is also higher.

who introduced the talk, called Hill "one of the foremost practitioners of ecologically sustainable planning." Hill earned master's and doctoral degrees in landscape architecture at Harvard before becoming a faculty member at the University of Washington and the University of Virginia.

In her presentation, Hill discussed studies that showed that urban biodiversity — the number of different species living in cities — was actually higher than that of agricultural regions. Not only was overall biodiversity higher, the biodiversity of native species was also higher, perhaps due to agricultural practices that favor turning large tracts of land over to monoculture of specific food plants and animal species.

One particular area of traditional urban design that Hill targeted for reform is the handling of storm water runoff. As an example, she showed a slide of pristine Northwestern coastal forest, which originally stood where major cities such as Seattle are now. Those forests not only held a great deal of timber, they also served as natural sponges, absorbing and holding water in the litter on forest floors, filtering sediments out and slowly releasing water to streams and rivers.

The city that replaced them, by contrast, is a place of asphalt and concrete, building roofs and downspouts, drainage pipes and culverts. The entire point of the urban system of handling rainwater runoff is to pump

it out of the city and into streams and rivers as quickly as possible. This causes not only enormous pulses of water resulting from periodic storms, it also stirs up and carries large amounts of sediment. The sediment both clouds the formerly clear water and settles over gravel beds that are critical habitat for spawning salmon.

Hill showed examples of how smart design can manage rainwater, using man-made depressions in roadside landscaping, diversions through small, thickly planted roadside patches, and partial barricades in drainage pipes to slow water down, clean it up, and allow sediments to settle before the water hits the streams.

"The whole strategy ... is to make cities less like an umbrella and more like a sponge," Hill said.

Innovative thinking about water management is critical in this warming world, Hill said, since projections of climate change suggest sea levels will be rising in the coming decades. She showed a variety of different ways to handle enhanced storm surges, suggesting that New York City copy a barricade used in Rotterdam (the Netherlands) to protect its lowest-lying waterfront. She also suggested an idea to use floating man-made structures that would provide an artificial foundation for planting coastal aquatic vegetation. The structures could be raised or lowered to keep the plants at an appropriate depth, providing additional nursery space for marine creatures or replacing critical areas that are swamped as sea levels rise.

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Relief

(Continued from previous page)

"megatrends" likely to challenge us in the near future, said Holmes, who is the U.N. emergency relief coordinator.

Add to that large-scale hunger as agriculture in Asia and Africa is shaken by environmental pressures; resource conflicts over energy, arable land, and fresh water; population growth and rapid urbanization; a continuing global food crisis; and a growing intensity of regional conflicts where an increasing disrespect for international law has made security for both locals and aid workers "increasingly perilous," he said.

Overlaying all of this is a drumbeat of health challenges in the developing world, said Holmes: women's health (largely neglected), national health systems (in disarray), and tropical diseases (still affecting the world's 1 billion poorest people).

Disaster relief takes on the extra challenges of gender-based violence, he said, along with safety for civilians, and infectious diseases — which in a disaster setting account for two-thirds of all child deaths.

Even in the face of these daunting megatrends, said Holmes, "we're not helpless." He pointed to "countertrends" that included technological advances in communication and health care delivery.

Holmes urged the international gathering of aid experts to create their own new

trends in humanitarian action. Address chronic problems before they blossom into disasters, he said — and adopt a "new business model" of aid that is less centered on Western response and more focused on prevention and preparedness within developing nations.

"Local answers are usually the best," said Holmes.

The first humanitarian action summit in 2006 was co-sponsored by Dartmouth Medical School. Since then, the conferences have evolved into family gatherings of a sort, where experts from around the world discuss the challenges of international aid.

This year's humanitarian action conference, largely at Harvard's Center for Government and International Studies, was built around seven working groups, which continue collaborations during the year.

The groups represent the multiple challenges of international aid: human resources, health collaboration, data management, civilian protection, mental health, surgical standards, and — new this year — applied technology.

There are 2.2 billion mobile phones in the developing world, said Claire Thwaites, a technology expert with the United Nations Foundation. Why not turn them to task?

In South Africa, she said, a pilot program is under way to broadcast HIV-prevention

messages over cell phones — 365 million messages in the last year.

International aid workers also need to fully understand and embrace geographic information systems (GIS) technology, said Firoz Verjee, a geospatial analyst from George Washington University. It's a way to visualize and interpret the "vast clouds of data" that any disaster brings, he said.

During emergencies, "information is as important as food," said HHI Fellow Patrick Meier, a technology blogger at irevolution.wordpress.com. Cell phones, Twitter, television, and bush radio stations can all help map — or even predict — a crisis for disaster experts, he said. The same technologies can "crowdfund" the right information back to the populace that needs it.

Every disaster has "an ecology of information," said Meier, a Tufts University Ph.D. student and an expert on using technology for early warning systems. "We have to make sense of it."

Some humanitarian aid in the past has been like a charging elephant — powerful, headlong, and thoughtless, said Tufts University scholar and practitioner of aid Peter Walker. He delivered a March 27 talk on the humanitarian challenge of climate change — the kind of large-scale catastrophe that historically has made regimes more authoritarian and human lives shorter, sicker, and

more violent.

But the future of humanitarian aid has to be a creature of new partnerships and skills; of better data than ever; and — most of all — a creature knowledgeable about local context.

"You have got to be," said Walker to the gathered aid experts, "a dancing elephant."

Sewe, now a graduate student at the School for International Training in Vermont, admitted coming to the Harvard conference with a little bitterness and skepticism. She had huddled under a blue tarp with little to eat in Tanzania. She had seen the elephants charge ahead instead of dance.

But the three days changed her, said Sewe, who in the last session on Saturday (March 28) said the final words of the conference from her seat in Tsai Auditorium.

"As a grandmother of 13, and someone who has seen a lot in the world," said Sewe, "I am leaving this conference very, very humbled, to know that what I have been thinking about all along — that nobody cares — is a wrong assumption, and I ask you to forgive me."

She went on: "After all these three days of wonderful presentations, full of compassion, I now have hope, and I believe that one day there will be peace on Earth and refugees will go home."

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Stephanie Mitchell/Harvard News Office

HBS's Michael Porter (left) has had a longstanding interest in the economic health of Jerusalem, whose mayor, Nir Barkat (right), visited the Business School to talk about the city's future.

Mayor Nir Barkat looks to future

HBS helps Jerusalem develop 'competitive advantages'

By Colleen Walsh
Harvard News Office

The mayor of Jerusalem visited Harvard March 26 and outlined a plan for his city's economic future, one created with the help of Harvard Business School (HBS).

In a meeting in Ludcke House on the HBS campus, Nir Barkat addressed a small crowd of reporters. Joining him were Michael Porter and Yagil Weinberg, founders of the Center for Middle East Competitive Strategy, an HBS initiative that works with private businesses and governments to help nations, regions, and cities develop economic competitiveness.

For the past five years Barkat has been collaborating with the center in an effort to help revitalize Jerusalem. (The center is part of HBS's Institute for Strategy and Competitiveness, which Porter directs.)

"For Jerusalem to become successful we have to learn how to develop Jerusalem's competitive advantages," said Barkat. Part of that learning curve, he said, involves the "business cluster" concept popularized by

Porter, Bishop William Lawrence University Professor.

A business cluster is a geographic concentration of interconnected companies, suppliers, and associated institutions thought to stimulate economic growth.

Culture tourism, said Barkat, was one industry in Jerusalem that could use the cluster concept to maximize its potential.

Putting culture organizations, tourist guides, and the hotel industry together, he said, makes "one plus one equal three."

Outsourcing professional (medical and financial) services is important too, said the mayor, as well as developing the health and life sciences. Both could improve the city's economic status, helped by a young, educated population and strong research hospitals.

In the science arena, Jerusalem would focus on particular niches, said Porter, instead of trying to attract large investments in areas like biotech manufacturing.

"Jerusalem will go after niches," he said — areas like cardiology, cancer, stem cell research — "where Jerusalem has this very unique talent asset."

A two-state solution that includes a Palestinian capital in Jerusalem would not help his economic plan, said Barkat. "I've no doubt in my mind that this model will work much better as a united city," he said.

Barkat, elected last November, is considered by some a unifying force. He can help bridge the gap between the secular and orthodox populations of the city, they say, as well as those sharply divided by ethnic tension.

A veteran of the First Lebanon War and a successful high-tech entrepreneur, Barkat served as the opposition leader of the city council for five years prior to his election. The economic overhaul of Jerusalem — both Israel's largest and poorest city — is a cornerstone of his agenda.

During the event, Barkat presented Porter with a key to the city of Jerusalem. It was a gesture of thanks for the professor's long-standing collaboration and support.

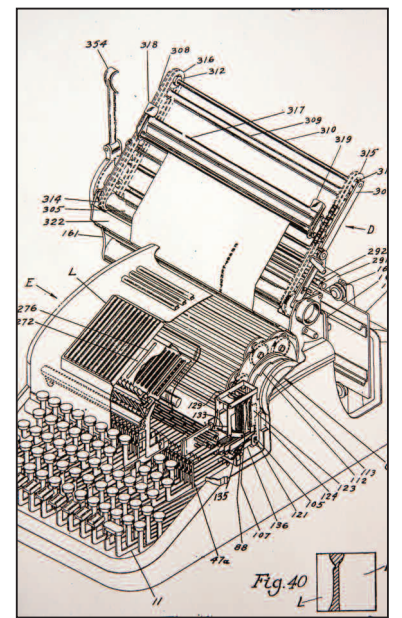
Before the briefing, Barkat met with business leaders and Harvard faculty members to further brainstorm Jerusalem's economic future.

Jing Tsu looks at evolution of Chinese script over a century

By Corydon Ireland
Harvard News Office

Starting in the 1920s, Chinese writer Lin Yutang earned a reputation as an urbane essayist and translator who moved easily between the literary cultures of the East and West.

Lin — who had briefly been a graduate student at Harvard — was a witty champion of free speech in an era when the world faced a storm of emerging totalitarian regimes. In 1936, he took up residence in the United States, where he became a sort of cultural go-between.



Jon Chase/Harvard News Office

In 1946, Lin Yutang filed a patent for a Chinese-language typewriter, a desktop device 19 inches wide.

Lin's 1935 bestseller, "My Country and My People," offered Western readers an arresting portrayal of the Chinese mindset of the time. Two years later, "The Importance of Living" argued for the importance of earthly pleasures, including eating, smoking, and aimless leisure. "All nature loafs," he observed, "while man alone works for a living."

But more than culture intrigued the polymathic Lin, who was an inventor too. He worked for decades designing a typewriter for Chinese, a language that depends not on a handful of alphabetic letters but on thousands of picturelike characters.

By 1946, Lin filed a patent for his Chinese-language typewriter, a desktop device 19 inches wide that took nearly all his book profits — \$120,000 — to research, develop, and build.

Before his death in 1976, Lin had been nominated for a Nobel Prize. But it was not his literary legacy that attracted literary scholar and cultural historian Jing Tsu — it was the typewriter that had nearly bankrupted him.

Tsu has a Harvard Ph.D. in East Asian languages and civilizations (2001) and was a Junior Fellow at Harvard (2001-04). This year she's on leave from Yale University to be a Radcliffe Fellow.

Tsu is using the year to write her book

(See *Tsu*, page 28)



Emily T. Simon/Harvard News Office



"I had always been curious about the Civil Rights Movement and how [it] changed American society and everyone's lives. I didn't know anything about Mississippi, but I decided that it would be interesting not just to read and hear about it but to actually see what was happening and where it happened."

Abigail Phillip '10



"It was so gratifying to have an experience where you could take a lot of pride in what you're doing and at the end of the day feel content and happy with yourself."

Chloe Goodwin '12



Kris Snibbe/Harvard News Office

In Jackson, Miss., pioneering civil rights leader Hollis Watkins talks with students about his experiences.

PBHA

(Continued from page 1)

The young, idealistic organizers who constituted the Civil Rights Movement sought to accomplish, almost exclusively, a single concrete goal: securing for African Americans the right to vote.

The vote meant everything. It meant the promise of an equal education; it meant that in time African Americans could elect public officials to statewide office; and it meant access to equal public accommodations.

Decades later, surrounded by poverty on the west side of Jackson, Miss., I questioned what the ballot had truly won. For much of the week, our group volunteered with Stewpot Community Service's afterschool program for children age 4-18. It was a melting pot of both the brightest and the most challenged of students. Nearly all of them came from poor, troubled households and all of them came from Jackson Public Schools that were, after years of "white flight," comprised of students who were nearly all African American and poor. For much of the trip I caught myself falling into despondency about the potential for change. Had we taken two steps forward and one step back with regard to basic rights — like equal education — in Mississippi?

Our stated goal on this trip was to apply the lessons of the Civil Rights Movement to present day challenges of social justice. By the time we arrived in Sunflower, Miss., on our last day in the state, I was still looking for that crucial connection between the victories of the past and the possibilities for the present.

We spent the morning of our last day in Mississippi with a group of children from The Sunflower County Freedom Project, a small leadership development afterschool program in the Delta. The program was modeled after the "Freedom Summer" in Mississippi in 1964, when hundreds of organizers from across the country flocked to the state to teach and to register African Americans to vote.

I don't think I really knew what that meant at first — after all, these children can now attend school and are free to vote without intimidation, while their grandparents may not have been able to do so. But it was obvious after spending less than 10 minutes with these kids that they were ready to push for social justice in the 21st century with the same single-minded determination of their grandparents.

The Freedom Project is an incubator for young people who take the work of the Civil Rights Movement to a higher level. Blacks in Mississippi have the right to vote, but the shortcomings of a still-segregated education system stymie the development of effective leadership from within their own communities. This is a contemporary civil rights issue not only in Mississippi but in many locations across the country.

These children knew that. They knew about the importance of being the agents of their own change and they knew that their education was integral to their future success.

We spent a lot of time on this trip talking to African-American veterans of the Civil Rights Movement who know all about how difficult it is to work against the wrongs of the past. People like Hollis Watkins, who was jailed and put on death row for registering voters; Constance Slaughter-Harvey, who overcame discrimination to become the first black female graduate of the University of Mississippi Law School; and Charles McLaurin, who ventured to the Mississippi Delta to recruit organizers and succeeded in galvanizing a woman who would become a legend: Fannie Lou Hamer.

At the same time, there is another crucial component of Mississippi's story told by white Mississippians — like former Mississippi Governor William Winter — who recognize that the challenge for them has been perhaps more subtle but no less crucial to progress for the state. "White flight" has created white public academies and under-resourced black public schools that have allowed racial disparities to persist into the present.

The former governor told me that the William Winter Institute for Racial Reconciliation would often travel around the state to facilitate conversations between blacks and whites in small communities where anger, fear, hatred, and apathy still fester. It was hard for me to imagine how such strong feelings could persist after so much time had passed. But the truth is that they do — as much here in Mississippi as they do anywhere in the world where the wrongs of the past are left unanswered.

Mississippi is a case in point of why being a bystander can never mean innocence. Standing idly by while wrong is being done is not an option, not for any of us. We can never forget that the fate of the future lies in the combined effect of a struggle against injustice and a struggle to do good.

'Apples' bear fruit

Vision of a service community



Chloe Goodwin/PBHA

Kristen Cronon '12 chips paint off a building while on the shoulders of Abby Koff '12. Angelico Razon '08, PBHA staff member, keeps an eye out for them both.

By Seth Aaron Pearce '12
Special to the Harvard News Office

I once heard a story about service from a Focolarino, a member of the Focolare, a Catholic movement dedicated to Love of Neighbor. One day, the Focolarino was helping a poor man pick apples that he could sell to support his family. After he drove the man home, the Focolarino was surprised to find the poor man offering him some of the apples. At first he refused: *How could he accept these apples that this man needed to support his family?* However, the Focolarino soon realized that the man was trying to return the favors done for him by the Focolarino in the only way he could. Now he thought, *How could I deprive him of this experience that I find sacred?* And so, the Focolarino accepted the apples and drove away.

During the Phillips Brooks House Association's Freshman Alternative Spring Break trip to the Biloxi, Miss., area last week, my group and I had many "apples" moments, as we called them. We were helping local residents recover from the devastation of Hurricane Katrina, but we were always surprised to see the way that the people we were serving and their neighbors always rushed to serve us in return. This reciprocity fostered a strong sense of mutual dignity that was always present during our stay. These relationships, built on the act of serving and loving others, inspired us to bring our service experience back to Harvard and taught us an invaluable lesson about the potential of Service to shape communities.

Repair

During the week, our team of freshmen renovated two shotgun houses in Gulfport. A woman named Mary, who has lived on the land for about 60 years, owns the houses. She currently lives in the house next door and is planning on renting both shotgun houses to some of the people still living in trailers after their homes were destroyed by Katrina. Through terrible weather and with limited supplies, we stripped the old paint off the walls, sanded, primed, and repainted the exteriors of the houses.

I had the great privilege of spending some time with Mary on



Chloe Goodwin/PBHA

In Gulfport, Miss., Mary (wearing white cap, sunglasses, yellow shirt) thanks students who painted and renovated her home.



Diane Ghogomu/PBHA

Diane Ghogomu/PBHA



Kris Snibbe/Harvard News Office

Kristin Smith '11 listens to a secret while she works with kids at the Stewpot After-School Program in Jackson, Miss.

a trip to Lowe's for more supplies. Driving through the town of Gulfport, Mary told my trip-mate Danny and me some inspiring tales of perseverance living through Hurricane Camille in the '60s and then Hurricane Katrina in 2005.

I never saw Mary happier as when she and I were filling up a jug of water to serve all of the students working on the house. What made her smile most during the day wasn't the idea that

she was that much closer to renting her buildings for a profit. It was the ability to support us by giving us cold water. There is a certain value to that feeling of helping another human being, the act of Love of Neighbor. It is an act that all can participate in, even those who need to be served sometimes.

These "apples" moments kept occurring. One afternoon, one of Mary's neighbors pulled up in a pickup truck and brought us sweet tea. Another day, a woman one of our trip-mates had helped during the immediate aftermath of Katrina invited us over to her house when our workday was rained out. From these and other instances, we could see the value of service to this community in repair. We could see it in the heartfelt "thank you's" of strangers passing us on the street. We saw it when a woman waiting behind us in line at a fast-food restaurant broke into tears of joy and told us that we reminded her of a group of students who helped rebuild her house. It seemed as though the massive community of volunteers that came down after Katrina had left a culture of service imprinted onto the gulf coast. Indeed, HandsOn Gulf Coast, the organization we were working with, is now developing a platform for locally based volunteerism in the Biloxi area.

Community

Before this trip, we had heard stories of people striving together to "Repair the Broken" in Mississippi and Louisiana. We



Kris Snibbe/Harvard News Office

Danny Pellerin '12 (left) and Abby Koff '12 bathe a mostly cooperative dog named 'Bear' at the Gulfport, Miss., humane society.



More than 175 Harvard students associated with the Phillips Brooks House Association (PBHA) fanned out last week to partner with community service organizations from the Northeast to the Deep South to Latin America. They helped rebuild churches in Georgia that were destroyed by hate crimes and delivered meals to people living with HIV/AIDS in New Orleans and taught school children in Washington, D.C. We tracked two teams in Mississippi — one following the civil rights trail and assisting in afterschool programs, the other helping with Hurricane Katrina recovery — through words and pictures produced by some of the participants.

Voices and images,
www.news.harvard.edu/multimedia/flash/090402_pbh.swf

Read their blog,
<http://harvardservicebreak.wordpress.com/>

Phillips Brooks House Association,
<http://pbha.org/>

Children exercise in a gym with Harvard volunteers. A second-grader (left) reads with volunteer Nene Igietseme '09.



"I really wanted this to kind of be this keepsake to take with me as I'm exiting Harvard, and to remember all of the idealism and all of the fire I had in me when I got here."

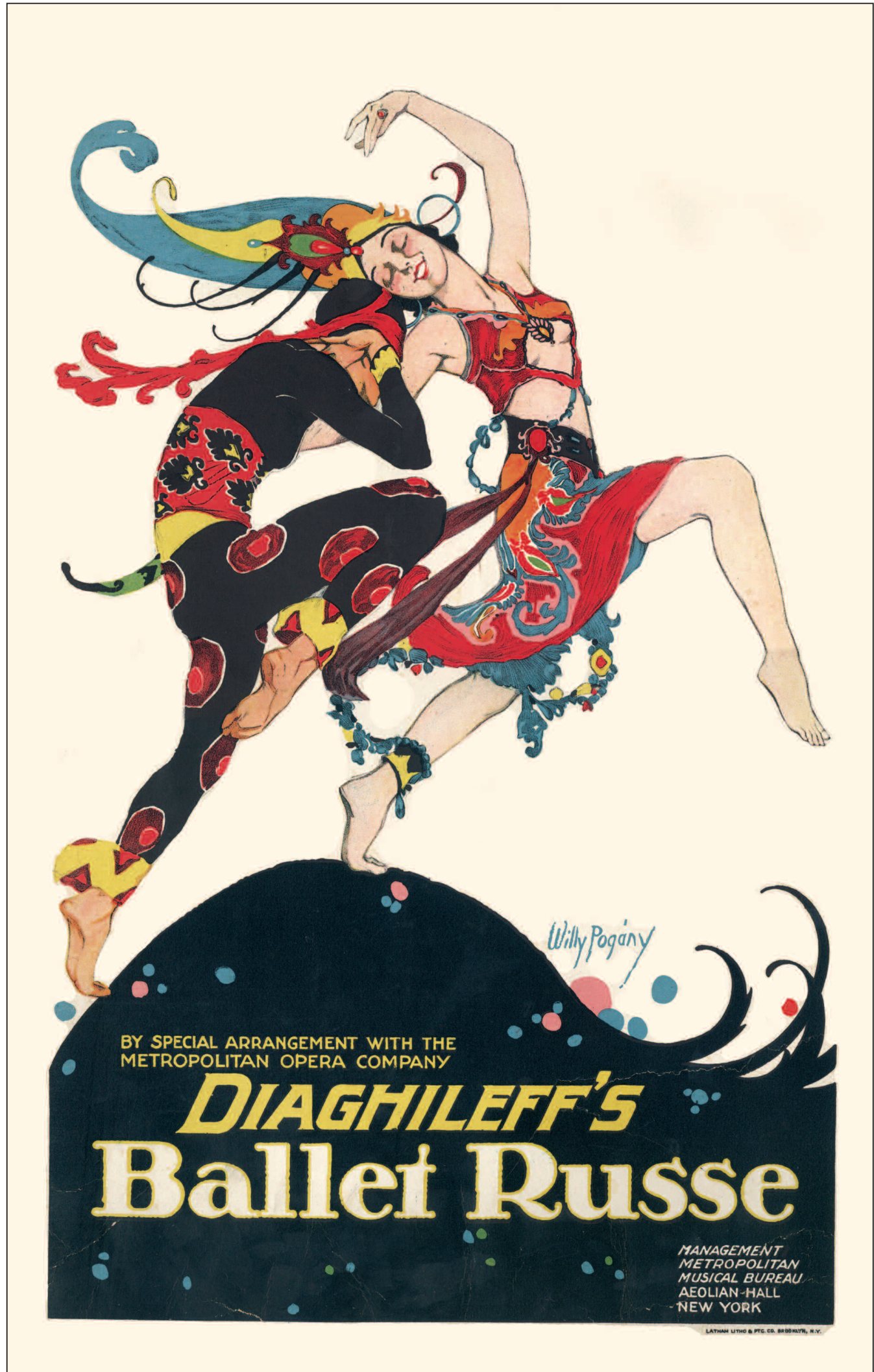
Diane Ghogomu '10



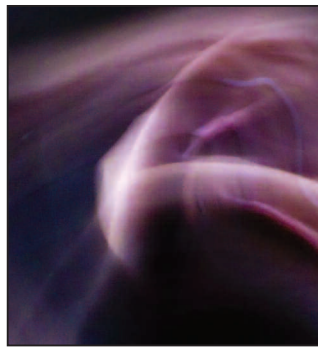
"We were helping local residents recover from the devastation of Hurricane Katrina, but we were always surprised to see the way that the people we were serving and their neighbors always rushed to serve us in return. This reciprocity fostered a strong sense of mutual dignity."

Seth Aaron Pearce '12

Courtesy Harvard Theatre Collection



Inside



Motion pictures

George Ducharme's photos featured at Holyoke Center Page 19



Ethiopia's voice

Aster Aweke sings and talks at Learning from Performers Page 22



Filmmakers' lens

Chinese documentaries shown, discussed at symposium Page 23

The Harvard Theatre Collection presents 'Diaghilev's Ballets Russes, 1909-1929: Twenty Years that Changed the World of Art,' an exhibit opening April 15 that highlights more than 200 original documents and art works, and a related symposium April 15-17 featuring almost two dozen speakers and scholars. See dance, page 17, exhibitions, page 18, and conferences, page 19, or for a complete list of events, visit http://hcl.harvard.edu/libraries/Houghton/Diaghilev_symposium.html#events.

LEFT: Poster for the American tour of Diaghilev's Ballets Russes, 1916. Color lithograph. Designed by Willy Pogány.

Calendar

Events for April 2-16, 2009

concerts

Thu., April 2—"Midday Organ Recital." (Art Museum, Memorial Church) Stephanie Liem, organist. Adolphus Busch Hall, 29 Kirkland St., 12:15 p.m. Free and open to the public. www.harvardartmuseum.org.

Fri., April 3—"Student Music Performance Series." (Art Museum) Music offerings by Harvard students. Sackler Museum, 485 Broadway, 3:30 p.m. www.harvardartmuseum.org.

Fri., April 3—"Love Story in Harvard." (Harvard Korean Association) Details TBA. Lowell Lecture Hall, 17 Kirkland St., 7 p.m. Tickets are \$10. Harvard Box

Office (617) 496-2222, www.boxoffice.harvard.edu.

Fri., April 3—**“The Tallis Scholars.”** (St. Paul Parish) 20th anniversary performance directed by Peter Phillips. Featuring music of Palestrina, Lassus, Gibbons, and others. St. Paul Church, corner of Bow and Arrow streets, 8 p.m. Pre-concert talk with Phillips (free with concert ticket), 7 p.m. Tickets are \$19/\$38/\$49/\$64 general; \$5 off students/senior citizens. www.bemf.org.

Fri., April 3—**“Daugherty/Brahms.”** (Harvard Box Office) The Boston Conservatory, conducted by Bruce Hangen, featuring Daugherty’s “Red Cape Tango” and Brahms’ “Symphony No. 4,” and featuring the winner of the concerto competition. Sanders Theatre, 8 p.m. Tickets are \$12 general; \$10 alumni/WGBH members; \$5 students/senior citizens; TBC faculty and staff, additional tickets \$5. Harvard Box Office (617) 496-2222, www.boxoffice.harvard.edu.

Sat., April 4—**“A Concert of Australian Music.”** (Harvard Committee for Australian Studies) Works by Peter Sculthorpe, Nicholas Vines, Elliott Gyger, Margaret Sutherland, Robert Davidson, and a world premiere by Barry Conyngham. The Memorial Church, 3 p.m. Free and open to the public.

Sat., April 4—**“Jam, It Feels Good to Be a Gangsta.”** (Harvard Callbacks and Harvard LowKeys) Concert by the Callbacks and LowKeys. Sanders Theatre, 8 p.m. Tickets are \$10 general; \$7 students. Harvard Box Office (617) 496-2222, www.boxoffice.harvard.edu.

Sat., April 4—**“Mozart Society Spring Concert.”** (Harvard Box Office) Concert by Mozart Society Orchestra. Tickets are \$10 general; \$6 students/senior citizens. Paine Hall, 8 p.m. Harvard Box Office (617) 496-2222, www.boxoffice.harvard.edu.

Sun., April 5—**“Celtic Music: Celebrating Boston’s Irish Heritage.”** (Art Museum) An afternoon of Celtic music, Irish dancing, and storytelling. Sackler Museum, 485 Broadway, 1:15 p.m. Free with the price of museum admission; performances are geared toward teens and adults. (617) 495-9400, www.harvardartmuseum.org.

Sun., April 5—**“Gunter Schuller’s ‘Best Chamber Picks.’”** (Harvard Box Office) The Pro Arte Chamber Orchestra, with principal guest conductor Schuller and violinist Irina Muresanu, plays Haydn, Mozart, and Bridge. Sanders Theatre, 3 p.m. Tickets are \$50/\$35/\$25/\$15 general; students/senior citizens \$2 off top three priced tickets; WGBH members half-price on top 2 prices; O&I 2 for 1 on top 2 prices only; student rush \$5, cash only, available a half-hour prior to concert with valid ID. Harvard Box Office (617) 496-2222, www.boxoffice.harvard.edu.

Sun., April 5—**“Concert for a Millennium Village.”** (Harvard College American Music Association) Jazz pianist Malcolm Campbell ’10, Irish button accordionist Dan Gurney ’09, and singer-songwriter Clint Miller ’11. Benefit for the Millennium Campus Network. New College Theatre, 10-12 Holyoke St., 6 p.m. Tickets are \$20 general; \$8 students. Harvard Box Office (617) 496-2222, www.boxoffice.harvard.edu.

Thu., April 9—**“Midday Organ Recital.”** (Art Museum, Memorial Church) Carson Cooman, the Memorial Church. Adolphus Busch Hall, 29 Kirkland St., 12:15 p.m. Free and open to the public. www.harvardartmuseum.org.

Fri., April 10—**“Student Music Performance Series.”** (Art Museum) Music offerings by Harvard students. Sackler Museum, 485 Broadway, 3:30 p.m. www.harvardartmuseum.org.

Mon., April 13—**The Dean’s Noontime Concert Series. “The Chiara String Quartet.”** (Music) Faculty Room, University Hall, 12:15 p.m. Free and open to the public.

Thu., April 16—**“Midday Organ Recital.”** (Art Museum) Iain Quinn, organist, Cathedral Church of St. John,

Albuquerque, N.M. Adolphus Busch Hall, 29 Kirkland St., 12:15 p.m. Free and open to the public. www.harvardartmuseum.org.

Thu., April 16—**“19th and 20th Century Works for Solo Harp.”** (Music) Hannah Lash, harpist. Faculty Room, University Hall, 12:15 p.m. Free and open to the public.

Fri., April 17—**“The Chiara Quartet.”** (Music, Blodgett Chamber Music Series) Featuring the music of Mozart and Beethoven, as well as Hillary Zipper, Blodgett composition competition winner. Paine Hall, 8 p.m. Free; passes required. Free tickets beginning April 3 at Harvard Box Office (617) 496-2222, www.boxoffice.harvard.edu.

Sat., April 18—**“Cracklin’ with Roy: Honoring Roy Haynes.”** (OfA, Harvard Jazz Bands) Tribute concert with Harvard Jazz Bands, Roy Haynes, and guest artist trumpeter Roy Hargrove. Sanders Theatre, 8 p.m. Tickets are \$15 general; \$8 students/senior citizens. Harvard Box Office (617) 496-2222, www.boxoffice.harvard.edu. See also classes, Office for the Arts, for related event.

dance

Fri., April 3-Sat., April 4—**“Wandering Through the Wonders: CityStep’s 26th Annual Show.”** (Harvard CityStep) A showcase of dance collaboration between Cambridge public school students and Harvard undergraduates. Citysteppers recreate prehistoric architectural treasures, contemporary engineering feats, and awing aspects of our planet from the depths of the ocean to the heights of our upper atmosphere. Cambridge Rindge & Latin High School, 459 Broadway, 7 p.m., with a Saturday 3 p.m. matinee. Tickets are \$8 general; \$5 students/senior citizens/Harvard ID. Harvard Box Office (617) 496-2222, www.boxoffice.harvard.edu.

Thu., April 16-Sat., April 18—**“Dancers’ Viewpointe 9: Rite of Passage.”** (Dance, OfA) Tribute to Ballets Russes’ 100th anniversary with Jaime Blanc’s “Rite of Spring” featuring soloist Christine Dakin. Contemporary ballet premieres by Larissa Koch ’08-09 and Claudia Schreier ’08, and an original work by Elizabeth Weil Bergmann, dance director, accompanied by Javanese-style gamelan. New College Theatre, 10-12 Holyoke St., 8 p.m. Tickets are \$12 general; \$8 students/senior citizens. Harvard Box Office (617) 496-2222, www.boxoffice.harvard.edu.

opera

Harvard-Radcliffe Gilbert and Sullivan Players

Thu., April 2-Sun., April 12—**“The Gondoliers, or The King of Barataria”** features a young prince, a tragic twist of fate, mixed-up identities, and a hilarious search for the real King of Barataria. —*Performances take place in Agassiz Theatre, 10 Garden St., 8 p.m., with 2 p.m. matinees on weekends. Tickets are \$14 general; \$10 senior citizens; \$5 students. Harvard Box Office (617) 496-2222, www.boxoffice.harvard.edu.*

theater

Adams House Pool Theatre

Thu., April 9-Sat., April 11—**“The Exonerated”** is a play presented by BlackCAST. —*Performances take place at Adams House Pool Theatre, 13 Bow St., 7:30 p.m. each night, with an additional 2 p.m. matinee on Saturday. Tickets are \$12 general; \$8 students. Harvard Box Office (617) 496-2222, www.boxoffice.harvard.edu.*

American Repertory Theatre

Through Sun., April 19—**“Trojan Barbie”** centers around Lotte Jones, a doll repair expert in need of a vacation, who travels to modern-day Troy. Part contemporary drama, part homage to Euripides’ “Trojan Women,” this play tells the perpetually moving tale of Priam’s widow, Hecuba, and her defenseless family, recast against the vivid reality of modern warfare. Directed by Carmel O’Reilly.

Thu., April 2—**“Under 35 Night.”**

Post-show mingling at Sandrine’s Bistro. Fri., April 10—**“OUT at A.R.T. Night.”** For the GLBT community. Post-show mingling at Sandrine’s Bistro. —*Performances take place at Zero Arrow Theatre, corner of Arrow St. and Mass. Ave., various times. Tickets are \$39 & \$52 general; \$10 reduction for season ticket holders, senior citizens, WGBH members. Tickets are available through the A.R.T. Box Office (617) 547-8300, in person at the Loeb Drama Center Box Office, or www.amrep.org.*

Harvard-Radcliffe Dramatic Club

Thu., April 2-Fri., April 10—**“Angels in America”** traces the evolving relationships of several friends and lovers in and around New York City during the AIDS crisis of the 1980s. Addressing pain, necessity, and the power of change in a constantly transforming world, “Angels in America” uses humor, contemplation, and touches of the miraculous. —*The two-part performances take place at Loeb Drama Center Main Stage, 64 Brattle St., 8 p.m. with 2 p.m. matinee of Part 2 on Sun., April 5. Tickets are \$12 general; \$8 students/senior citizens. Tickets are available through the A.R.T. Box Office (617) 547-8300, in person at the Loeb Drama Center Box Office, or www.amrep.org.*

film

Thu., April 9-Sat., April 11—**“Emergent Visions: Independent Documentaries from China.”** (Asia Center, Fairbank Center, Harvard East Asia Society, VES, Carpenter Center) Conference of film screenings, directors’ talks, and panel discussions. Thu.: 4:15-9:30 p.m.; Fri.: 2-10:30 p.m.; Sat.: 3-10 p.m. For a complete list of events, speakers, and locations, visit www.fas.harvard.edu/~fairbank/events/Guest%20Lecture_Series.html#films. (617) 496-6824, vhangell@fas.harvard.edu.

Tue., April 14—**“Fishing for the Past: Palestinian Fishermen in Jal el Bahar, Lebanon.”** (CMES) Talk by Diana Allan, Harvard University, and screening of her latest project “Souhad, 636 Tyre.” A Q&A session will follow. Room 020, CGIS South, 1730 Cambridge St., 4 p.m. Free and open to the public. kebrown@fas.harvard.edu, http://cmes.hmdc.harvard.edu.

Brazil Studies Program, DRCLAS

Film screenings take place in Tsai Auditorium, CGIS South, 1730 Cambridge St. www.drclas.harvard.edu.

Tue., April 14—Waddington’s **“Casa de Areia”** (2005) at 6 p.m.

Harvard Film Archive

All films are screened in the Main Auditorium of the Carpenter Center for the Visual Arts, 24 Quincy St. Video presentations are presented in B-04, a smaller auditorium next to the main auditorium. Programs are subject to change; call for admission charges and details. The Film Archive publishes a schedule of films and events that is available at the Carpenter Center. (617) 495-4700, http://hcl.harvard.edu/hfa/.

Thu., April 2—No screenings
Fri., April 3—Yoshida’s **“The Affair at Akitsu”** at 7 p.m. Director in person with actress Mariko Okada.

Sat., April 4—Yoshida’s **“Eros + Massacre”** at 7 p.m. Director in person with actress Mariko Okada.

Sun., April 5—Yoshida’s **“A Story Written on Water”** at 7 p.m. Director in person with actress Mariko Okada.

Mon., April 6—Yoshida’s **“Women in the Mirror”** at 7 p.m. Director in person with actress Mariko Okada.

Tue., April 7—Free VES screening: Kar-wai’s **“In the Mood for Love”** at 7 p.m.

Wed., April 8—Free VES screening: Kar-wai’s **“In the Mood for Love”** at 7 p.m.

Thu., April 9—No screenings
Fri., April 10—Yoshida’s **“The Cinema of Ozu According to Kiju Yoshida”** and **“Late Autumn”** at 7 p.m. Director in person with actress Mariko Okada.

Sat., April 11—Bahrani’s **“Goodbye Solo”** and **“Backgammon”** at 7 p.m. Director in person.

Sun., April 12—Yoshida’s **“The**

Human Promise” at 3 p.m. followed by Bahrani’s **“Man Push Cart”** and **“Chop Shop”** at 7 p.m. Director in person.

Mon., April 13—**“An Evening with Hannes Schüpbach”** at 7 p.m. Director in person.

Tue., April 14—Free VES screening: **“Days of Being Wild”** at 7 p.m.

Wed., April 15—Free VES screening: **“Yes”** at 7 p.m.

Thu., April 16—No screenings

Fri., April 17—Gianikian and Ricci Lucchi’s **“Oh! Man”** and **“The Flower of the Race”** at 7 p.m. Directors in person.

Real Colegio Complutense

Films are presented at Real Colegio Complutense, 26 Trowbridge St., in Spanish with English subtitles. Free and open to the public. (617) 495-3536, www.realcolegiocomplutense.harvard.edu.

Fri., April 3—Bollain’s **“Mataharis”** (2007) at 7:30 p.m.

Fri., April 10—Saura’s **“Fados”** (2007) at 7:30 p.m.

Fri., April 17—Lázaro’s **“Las 13 rosas”** at 7:30 p.m.

radio

Harvard Radio WHRB (95.3 FM)

WHRB presents the finest in classical, jazz, underground rock, news, and sports programming, and has 24-hour live Internet streaming from its Web site. Program guide subscriptions are free. (617) 495-4818, mail@whrb.org, www.whrb.org.

“Hillbilly at Harvard”—Saturdays, 9 a.m.-1 p.m.

Special programs

Wed., April 15-Fri., April 17—WHRB will present several programs of music for ballets associated with Diaghilev’s Ballets Russes. See also ‘conferences’ and ‘exhibitions’ for related events.

Living on Earth, National Public Radio’s journal of the environment, hosted by Steve Curwood, Department of Earth and Planetary Sciences, and produced in cooperation with Harvard University, is aired on more than 270 NPR stations nationally and on more than 400 outlets internationally. In eastern Massachusetts, the program airs Sunday, 7 a.m., WBUR 90.9 FM. (617) 868-8810, loe@npr.org, www.loe.org.

exhibitions

Arnold Arboretum

“Science in the Pleasure Ground” provides a captivating retrospective on the oldest arboretum in the nation. The central feature of the exhibit is an 8-foot by 15-foot scale model of the Arboretum that includes historical vignettes and present-day attractions. (Ongoing) —*Hunnewell Building, 125 Arborway, Jamaica Plain. Hours are Mon.-Fri., 9 a.m.-4 p.m.; Sat., 10 a.m.-4 p.m.; Sun., noon-4 p.m.; closed holidays. (617) 524-1718, www.arboretum.harvard.edu.*

“Where Art and Science Meet: A Celebration of the Life and Art of Esther Heins” celebrates Heins’ life as one of the great female botanists — and Boston-area resident for almost all of her 99 years — by showcasing her large illustrations of the living collections of Arnold Arboretum. (April 4-May 31) —*Lecture Hall, Hunnewell Building, 125 Arborway, Jamaica Plain. Hours are Mon.-Fri., 9 a.m.-4 p.m.; Sat., 10 a.m.-4 p.m.; Sun., noon-4 p.m.; closed holidays. (617) 524-1718, www.arboretum.harvard.edu.*

Baker Library

“The Primary Sources: Contemporary Research in Baker Library Historical Collections” examines the role of primary source materials in contemporary scholarly research by showcasing four recent publications by Harvard Business School faculty and fellows that drew extensively from the extraordinary breadth of historical documents held at HBS. Also featuring ten additional, recent, scholarly publications in which the premises were strengthened and enriched by the authors’ access to historical documents at HBS. (Through Sept. 11) —*North lobby, Baker Library, Bloomberg Center, HBS, Soldiers Field Rd. (617) 496-6364, www.library.hbs.edu/hc.*

Cabot Science Library

“Rethinking the Darwinian Revolution” explores the Darwinian revolution and why Darwin still packs such a punch today. Open to the students from Janet Browne’s history of science class. (Through May 22) —*Main floor, Cabot Science Library. (617) 496-5534.*

Carpenter Center

“Corbu Pops” is famed multimedia and performance artist William Pope.L’s investigation of modernism, utopia, non-sense, blackness, purity, and factory production. Sponsored in part by Learning from Performers, OfA, and the Du Bois Institute. (Through April 5) —*Main gallery, Carpenter Center, 24 Quincy St. Hours are Mon.-Sat., 9 a.m.-11 p.m.; Sun., noon-11 p.m. (617) 495-3251, tbranch@fas.harvard.edu, www.ves.fas.harvard.edu.*

“Agnès Varda: Les Veuves de Noirmoutier (The Widows of Noirmoutier)” is a powerful work about widowhood and mourning, the personal and the collective, virtual and actual temporalities and spaces, as well as the displacement of the cinematic in the gallery space (as spectatorship and montage). (Through April 12) —*Sert Gallery, Carpenter Center, 24 Quincy St. Hours are Mon.-Sat., 9 a.m.-11 p.m.; Sun., noon-11 p.m. (617) 495-3251, tbranch@fas.harvard.edu, www.ves.fas.harvard.edu.*

Collection of Historical Scientific Instruments

“Time, Life, & Matter: Science in Cambridge” traces the development of scientific activity at Harvard, and explores how science was promoted or affected by religion, politics, philosophy, art, and commerce in the last 400 years. Featured objects include instruments connected to Galileo, Benjamin Franklin, William James, and Charles Lindbergh. (Ongoing) —*Putnam Gallery, Science Center 136, 1 Oxford St. Free and open to the public. Children must be escorted by an adult. (617) 495-2779.*

Countway Library of Medicine “Conceiving the Pill: Highlights from the Reproductive Health Collections” features newly opened manuscripts of John C. Rock, the co-creator of the contraceptive pill with Arthur T. Hertig, and will draw on the papers of contributing scientists, physicians, and activists involved in reproductive health. The exhibit will include ephemera, photographs, correspondence, and artifacts from these collections. (Through Sept. 30) —*First floor, Countway Library. (617) 432-6196.*

“Modeling Reproduction: The Teaching Models of Robert Latou Dickinson” features an early birth pioneer who developed a renowned collection of reproduction models as part of his campaign to broaden the understanding and acceptance of human sexuality. In addition to models, the exhibit includes correspondence, ephemera, and photographs from the Dickinson papers. (Through Sept. 30) —*Second floor, Countway Library. (617) 432-6196. www.countway.harvard.edu/chom.*

“The Warren Anatomical Museum” presents over 13,000 rare and unusual objects, including anatomical and pathological specimens, medical instruments, anatomical models, and medical memorabilia of famous physicians. (Ongoing) —*Warren Museum Exhibition Gallery, 5th floor, Countway Library. (617) 432-6196.*

Du Bois Institute

“Rotimi Fani-Kayode (1955-1989): Photographs” is a retrospective of large-scale color and black-and-white photographs from the estate of Fani-Kayode, including archival works exhibited here for the first time. Produced in the 1980s in a career spanning only six years, Fani-Kayode’s photographic scenarios constitute a profound narrative of African sexual and cultural difference, seminal in their exploration of complex notions of identity, spirituality, and diaspora and the black male body as a subject of desire. (Through May 15)

(Continued on next page)

(Continued from previous page)

—Neil L. and Angelica Zander Rudenstine Gallery, Du Bois Institute, 104 Mt. Auburn St., 3R. (617) 495-8508, www.dubois.fas.harvard.edu.

Ernst Mayr Library

“**Charles Darwin: A Celebration of the Bicentenary of His Birth (1809)**” presents a selection of Darwin’s books, manuscript fragments, correspondence, portraits, and ephemera. (Through autumn 2009)
—Ernst Mayr Library, second floor, Museum of Comparative Zoology, 26 Oxford St. (617) 495-2475, <http://library.mcz.harvard.edu>.

Fairbank Center

“**Contemporary Ink Art: Evolution**” is a traveling exhibition from Beijing Museum of Contemporary Art featuring the work of Liu Kuo-sung, Hsiao Chin, Qiu Deshu Xu Bing, G.Y. Wu, Wang Tiande, Lan Zhenghui, and Qin Feng. (Through May 8)
—Concourse level, CGIS South, 1730 Cambridge St. wlien@fas.harvard.edu, www.fas.harvard.edu/~fairbank.

Guidelines for listing events in Calendar

Events on campus sponsored by the University, its schools, departments, centers, organizations, and its recognized student groups are published every Thursday. Events sponsored by outside groups cannot be included. Admissions charges may apply for some events. Call the event sponsor for details.

To place a listing

Notices should be e-mailed, faxed, or mailed to the Calendar editor. Pertinent information includes: title of event, sponsoring organization, date, time, and location; and, if applicable, name of speaker(s), fee, refreshments, and registration information. A submission form is available at the front desk of the News Office, 1060 Holyoke Center. Promotional photographs with descriptions are welcome.

Addresses

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Deadlines

Calendar listings must be received at least one week before their publication date. All entries must be received by 5 p.m. on Thursday. If you are uncertain about a deadline, holiday schedule, or any other information, please call the Calendar editor at (617) 496-2651.

Online

The Calendar is available on the Web at <http://www.news.harvard.edu/gazette>. Click on Calendar.

Available space

Listings for ongoing exhibitions, health and fitness classes, support and social groups, and screenings and studies are provided on a space-available basis. Information not run in a particular issue will be retained for later use.

Screenings/studies and support group listings must be renewed by Jan. 5 or Aug. 30 to continue running for an additional term.

Graduate School of Education

“**The Huron Carol: Interpreting a Canadian Classic**” features the paintings of Ian Wallace, award-winning illustrator and writer of children’s literature. View the paintings and process involved in creating a children’s book. (Through April 17)
—Gutman Library, HGSE. www.gse.harvard.edu/library/index.html.

Harvard Art Museum

■ **Sackler Museum**
“**Re-View**” presents extensive selections from the Fogg, Busch-Reisinger, and Sackler museums together for the first time. The survey features Western art from antiquity to the turn of the last century, Islamic and Asian art, and European and American art since 1900. (Ongoing)
—The Sackler Museum is located at 485 Broadway. The Harvard Art Museum is open Mon.-Sat., 10 a.m.-5 p.m.; Sun., 1-5 p.m. Admission is \$9; \$7 for senior citizens; \$6 for college students with ID; free to Harvard ID holders, Cambridge Public Library card holders, members, and to people under 18 years old; free to the public on Saturday mornings 10 a.m.-noon and every day after 4:30 p.m. Tours are given Mon.-Fri. at 12:15 and 2 p.m. (617) 495-9400, www.harvardart-museum.org. **NOTE: The Fogg and Busch-Reisinger closed to the public on June 30 for a renovation project lasting approximately five years. The Sackler will remain open during the renovation.**

Harvard Divinity School

“**Faces of Buddha**” features work by Virginia Peck. (Through May 2009)
—Andover Chapel, HDS. 5:30 p.m. (617) 384-7571.

Harvard Museum of Natural History

“**Arthropods: Creatures that Rule**” brings together unique fossils and preserved specimens, large screen video presentations, striking color photographs and images from scanning electron microscopes, hands-on interactive games, and live creatures. It presents arthropods’ long evolutionary history and the incredible variety of their habitats, and showcases a range of arthropod adaptations, including the evolution of wings and the remarkable capacity to mimic both their surroundings and other animals. (Ongoing)

“Climate Change: Our Global Experiment”

offers a fascinating look at how scientists study climate change and at the evidence of global warming and the impact of human activity. Visitors are encouraged to apply what they’ve learned via a dynamic computer simulation that allows them to make choices about energy use for the nation and the world and evaluate the consequences. (Ongoing)

“Dodds, Trilobites, & Meteorites: Treasures of Nature and Science at Harvard”

features hundreds of specimens documenting two centuries of scientific exploration, including a 42-foot long Kronosaurus skeleton, and the world’s largest turtle shell, over 7 feet long and 6 million years old. (Ongoing)

“**Language of Color**” looks at the vastly different ways and reasons animals display color. This exhibition combines dramatic specimens from across the animal kingdom with computer interactives, hands-on activities, and a stunning display of live dart frogs. Visitors will learn how color and its perception have evolved, resulting in a complex and diverse palette used to camouflage, startle predators, mimic other animals, attract a mate, or intimidate a rival. (Through Sept. 6, 2009)

“**Mineral Gallery.**” Over 5,000 minerals and gemstones on display including a 1,642 pound amethyst geode from Brazil. Touch meteorites from outer space. (Ongoing)

“**The Ware Collection of Glass Models of Plants**” features the world famous “Glass Flowers” created over five decades by glass artists Leopold and Rudolph Blaschka, 3,000 glass models of 847 plant species. (Ongoing)
—The Harvard Museum of Natural

History is located at 26 Oxford St. Public entrances to the museum are located between 24 and 26 Oxford St. and at 11 Divinity Ave. Open daily, 9 a.m.-5 p.m.; Closed Jan. 1, Thanksgiving Day, Dec. 24, and Dec. 25. Admission is \$9 for adults; \$7 for senior citizens and students; \$6 for children 3 to 18 years old; free for children under 3 years old. Group rates available with advance reservations; call (617) 495-2341. Free admission (for Massachusetts residents only) on Sun. mornings 9 a.m.-noon, except for groups, and free admission on Wed. afternoons, Sept.-May, 3-5 p.m. Free admission with a Bank of America credit card on the first full weekend of every month. (617) 495-3045, www.hmn.harvard.edu.

Holyoke Center

“**Color Forms**” features photographs by George Ducharme exploring movement in its fractions of moments, blending together color and form shaped by light. Opening reception Fri., April 3, from 5 to 6 p.m. in the Holyoke Center. (April 3-29)
—Holyoke Center Exhibition Space, Holyoke Center Arcade, 1350 Mass. Ave. Mon.-Fri., 8 a.m.-7:30 p.m.; Sat.-Sun., 9 a.m.-6 p.m. Free and open to the public. (617) 495-5214. www.george-ducharme.com.

Houghton Library

“**Harvard’s Lincoln**” celebrates the Lincoln bicentennial with an exhibition of books, manuscripts, broadsides, prints, ephemera, and artifacts from Harvard’s Lincoln collection. (Through April 25)
—Edison and Newman Room, Houghton Library. (617) 496-4027.

“**Imitatio Christi**” focuses on this famed work of spiritual guidance from the time it was written in the 15th century into the modern age, with an emphasis on the context of the history of early painting. Curated by Jane Cheng as part of her senior thesis in History of Art and Architecture. (April 3-May 30)
—Amy Lowell Room, Houghton Library. (617) 495-2441.

Lamont Library

“**2007-08 Winners of the Visiting Committee Prize for Undergraduate Book Collecting and The Philip Hofer Prize for Art and Book Collecting**” features samplings of the prize-winning collections, along with personal commentary. (Through May 2009)
—Lamont Library, second and third floors. (617) 495-2455.

“Harvard College Annual International Photo Contest”

displays photos taken by Harvard students who have studied, worked, interned, or performed research abroad during the past year. (Through June 30)
—Level B and first floor, Lamont Library. (617) 495-2455.

Landscape Institute

“**Eleanor M. McPeck Historic Museum.**” (Through May 21)
—Landscape Institute, 30 Chauncy St. (617) 495-8632, www.landscape.arboretum.harvard.edu.

Loeb Music Library

“**Nadia Boulanger and Her American Composition Students**” focuses on Nadia Boulanger, one of the foremost composition teachers of the 20th century, especially her American ties and her influence on generations of American composers. www.crosscurrents08-09.org. (Through July 1)
—Richard F. French Gallery, Eda Kuhn Loeb Music Library, Fanny Mason Peabody Music Building. (617) 496-3359.

Peabody Museum

“**Change and Continuity: Hall of the North American Indian**” explores how native peoples across the continent responded to the arrival of Europeans. (Ongoing)

“**Digging Veritas: The Archaeology and History of the Indian College and Student Life at Colonial Harvard**” showcases finds from Harvard Yard, historical documents, and more from Harvard’s early years. (Through Jan. 2010)

“**Encounters with the Americas**” explores native cultures of Mesoamerica

before and after Spanish contact. It features original sculpture and plaster casts of Maya monuments as well as contemporary textiles from the Americas. (Ongoing)

“**Pacific Islands Hall**” features a diverse array of artifacts brought to the museum by Boston’s maritime trade merchants. (Ongoing)

“**Storied Walls: Murals of the Americas**” explores the spectacular wall paintings from the ancestral Hopi village kivas of Awatovi in Arizona; San Bartolo and Bonampak in Guatemala and Mexico respectively; and the Moche huacas of northern Peru. (Through Dec. 31, 2009)

“**Wiyohpiyata: Lakota Images of the Contested West**” explores the meanings of a unique 19th century “artist’s book” filled with colored drawings by Indian warriors, probably Lakota Indians, recovered by the U.S. Army from the battlefield after the 1876 Little Big Horn fight, in which George Armstrong Custer was defeated by the Sioux and Cheyenne. See also conferences and art/design for related lecture by Nathaniel Philbrick. Exhibition opening and reception on Fri., April 3, at the Peabody Museum, 11 Divinity Ave., 6:30 p.m. (April 3-August 2011)

—The Peabody Museum is located at 11 Divinity Ave. Open daily, 9 a.m.-5 p.m. Admission is \$9 for adults; \$7 for senior citizens and students; \$6 for children 3 to 18 years old; free for children under 3 years old. Free admission (for Massachusetts residents only) on Sun. mornings 9 a.m.-noon, except for groups, and free admission on Wed. afternoons, Sept.-May, 3-5 p.m. The Peabody Museum is closed Jan. 1, Thanksgiving Day, Dec. 24, and Dec. 25. (617) 496-1027, www.peabody.harvard.edu.

Pusey Library

“**Diaghilev’s Ballets Russes, 1909-1929: Twenty Years that Changed the World of Art**” features more than 200 original documents and art works in the Harvard Theatre Collection. See also conferences for related symposium. For a complete list of events, visit http://hcl.harvard.edu/libraries/Houghton/Diaghilev_symposium.html#events. (April 16-Aug. 28)
—Pusey Library. Open weekdays, 9 a.m.-5 p.m.

“**Family Gallery**” features portraits of Theodore Roosevelt’s wives, children, and himself as a father, paterfamilias, and grandfather, while “**Pilgrimage to a Refuge**” displays Roosevelt’s photographs, ocean charts, and his published account of his 1915 trip to the bird refuges at the mouth of the Mississippi. (Through June 30)
—Roosevelt Gallery, Pusey Library. (617) 384-7938.

“**Taking the Measure of Rhode Island: A Cartographical Tour**” examines the cartographical history of the small, enigmatic state. From the Colonial period to the early 20th century, this exhibit features examples of boundary surveys, state maps, nautical charts, town plans, city and state atlases, topographical and geological maps, road guides, and bird’s eye views. (Through June 12)
—Map Gallery Hall, Pusey Library. (617) 495-2417.

“**Through the Camera Lens: Theodore Roosevelt and the Art of Photography**” commemorates the 150th anniversary of Theodore Roosevelt’s birth. (Through May 2009)
—Pusey Library corridor, including the Theodore Roosevelt Gallery. Mon.-Fri., 9 a.m.-4:45 p.m. (617) 384-7938.

Semitic Museum

“**Ancient Cyprus: The Cesnola Collection at the Semitic Museum**” comprises vessels, figurines, bronzes, and other artifacts dating from 2000 B.C. to 300 A.D. (Ongoing)

“**Ancient Egypt: Magic and the Afterlife**” introduces visitors to the Egyptian view of life after death through coffins, amulets, and funerary inscriptions. (Ongoing)

“**The Houses of Ancient Israel: Domestic, Royal, Divine**” is devoted to

everyday life in Iron Age Israel (ca. 1200-600 BCE). Featured in the exhibit is a full-scale replica of a fully furnished, two-story village house. (Ongoing)

“**Nuzi and the Hurrians: Fragments from a Forgotten Past**” features over 100 objects detailing everyday life in Nuzi, which was located in Northeastern Iraq around 1400 B.C. (Ongoing)
—Semitic Museum, 6 Divinity Ave. Open Mon.-Fri., 10 a.m.-4 p.m.; Sun., 1-4 p.m. Closed holiday weekends. Admission is free. (617) 495-4631.

University Place Gallery

“**Bertman & Bertman: Work by Richard Bertman and His Daughter Louisa Bertman**” features kinetic sculptures by Bertman, CBT Architect’s founding partner, as well as oversized illustrated portraits and Facebook Newsfeed Series by illustrator Louisa Bertman. (Through April 10)
—University Place Gallery, 124 Mount Auburn St. (617) 876-2046.

Calendar abbreviations

Where abbreviations appear in Calendar listings, the following list may be used to find the full name of the sponsoring organization.

Belfer Center for Science and International Affairs	BCSIA
Bunting Society of Institute Fellows	BSIF
Center for American Political Studies	CAPS
Center for European Studies	CES
Center for Government and International Studies	CGIS
Center for Jewish Studies	CJS
Center for Middle Eastern Studies	CMES
Center for Population and Development Studies	CPDS
Center for Quality of Care Research and Education	QCARE
Center for the Study of Values in Public Life	CSVPL
Center for the Study of World Religions	CSWR
Committee for the Concerns of Women at Harvard-Radcliffe	CCW
Committee on African Studies	CAS
Committee on Degrees in Women’s Studies	CDWS
Committee on Inner-Asian and Altaic Studies	CIAAS
Committee on Iranian Studies	CIS
David Rockefeller Center for Latin American Studies	DRCLAS
Division of Biological Sciences	BDS
Division of Health Sciences and Technology	DHST
East Asian Legal Studies Program	EALS
Graduate School of Design	GSD
Graduate School of Education	GSE
Harvard AIDS Institute	HAI
Harvard Art Museum	HAM
Harvard Buddhist Studies Forum	HBSF
Harvard College Library	HCL
Harvard Divinity School	HDS
Harvard Education Forum	HEF
Harvard Family Research Project	HFRP
Harvard Film Archive	HFA
Harvard Foundation for Intercultural and Race Relations	HFIRR
Harvard Gay and Lesbian Caucus	HGLC
Harvard Institute for International Development	HIID
Harvard International Office	HIO
Harvard Law School	HLS
Harvard Medical School	HMS
Harvard Museum of Natural History	HMNH
Harvard School of Dental Medicine	HSDM
Harvard School of Public Health	HSPH
Harvard-Smithsonian Center for Astrophysics	CfA
Harvard University Center for the Environment	HUCE
Institute of Politics	IOP
Kennedy School of Government	HKS
Law School Human Rights Program	LSHRP
Law School Program in Jewish Studies	LSPJS
Office for Information Technology	OIT
Office of International Education	OIE
Office of Work and Family Philosophy of Education Research Center	PERC
Program on Information Resources Policy	PIRP
Program on International Conflict Analysis and Resolution	PICAR
Program on Nonviolent Sanctions and Cultural Survival	PNSCS
Program on U.S.-Japan Relations	USJRP
School of Engineering and Applied Sciences	SEAS
Technology & Entrepreneurship Center at Harvard	TECH
Trade Union Program	TUP
Ukrainian Research Institute	URI
United Ministry	UM
Weatherhead Center for International Affairs	WCfIA

lectures

art/design

Thu., April 2—**“Sanford Biggers: Blues, and Other Abstract Truths...”** (Carpenter Center) Sanford Biggers, artist. Lecture hall, Carpenter Center, 24 Quincy St., 6 p.m. Reception to follow. Free and open to the public. (617) 495-3251, www.ves.fas.harvard.edu/biggerslecture.html.

Fri., April 3—**“Starting at Standing Rock: Following Custer and Sitting Bull to the Little Big Horn.”** (Peabody Museum) Nathaniel Philbrick, author. Geological Lecture Hall, 24 Oxford St., 5:30 p.m. Reception to follow in Peabody Museum, 11 Divinity Ave. Free and open to the public. (617) 496-1027, www.peabody.harvard.edu. See also exhibitions.

Mon., April 6—**“Tirana, Albania in Transition: Reconciling the Formal and Informal City.”** (Joint Center for Housing Studies, GSD) John Driscoll, visiting fellow, Joint Center for Housing Studies. Room 517, Gund Hall, GSD, 49 Quincy St., 1 p.m. www.jchs.harvard.edu.

Tue., April 7—**“The Power of Images: Qajar Photography and Its Influence on Modern Iranian Art.”** (Art Museum) Talk by Layla S. Diba. Sackler Museum, 485 Broadway, 6 p.m. www.harvardartmuseum.org.

Tue., April 7—**“Open Source Cities.”** (GSD) Jose Luis Valjejo and Belinda Tato, *ecosistema urbano*. Piper Auditorium, GSD, 48 Quincy St., 6:30 p.m. events@gsd.harvard.edu, www.gsd.harvard.edu.

Wed., April 8—**“Post-Crisis: Biopolitics of Art in Argentina after 2001.”** (Art Museum) Talk by Andrea Giunta. Sackler Museum, 485 Broadway, 6 p.m. www.harvardartmuseum.org.

Mon., April 13—**“Housing and Community Development Policy in the Post-Bush Era: The View from Boston.”** (Joint Center for Housing Studies) John Palmieri, director, Boston Redevelopment Authority. Stubbins Room 112, Gund Hall, GSD, 49 Quincy St., 1 p.m. www.jchs.harvard.edu.

Mon., April 13—**“Modern Greek: Colliding Past and Present in Theatre and Visual Art.”** (Art Museum, American Repertory Theatre) Christine Evans, playwright, “Trojan Barbie”; David Reynoso, set and costume designer; Ryan McKittrick, associate dramaturg. Sackler Museum, 485 Broadway, 6 p.m. Free and open to the public. Seating is limited; RSVP to kelsey_mcniff@harvard.edu with “Trojan Barbie” in subject line. www.harvardartmuseum.org.

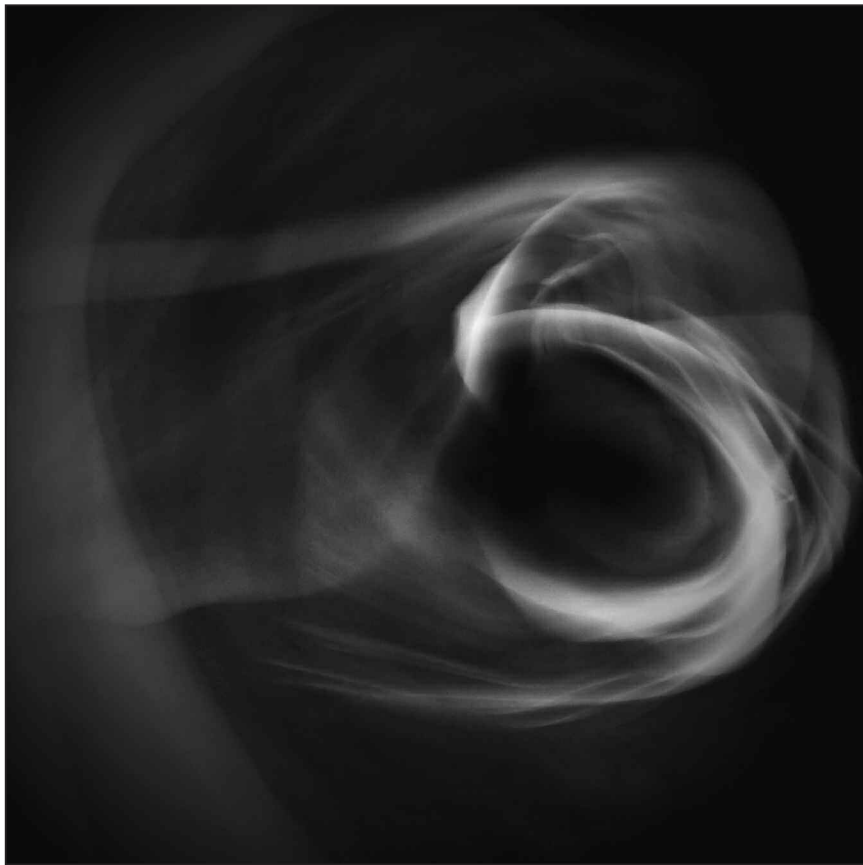
Wed., April 15—**“Mumbai: Kinetic City.”** (Art Museum) Part of the “Cities: Their Art and Architecture” series. Rahul Mehrotra, MIT. Sackler Museum, 485 Broadway, 6:30 p.m. Cost is \$18 general; \$12 members. Space is limited and registration strongly encouraged. (617) 495-9400, www.harvardartmuseum.org.

Thu., April 16—**“Edmonia Lewis’s ‘Bust of Henry Wadsworth Longfellow.’”** (Art Museum) Ivan Gaskell and Laurel Thatcher Ulrich, Harvard University. Sackler Museum, 485 Broadway, 3:30 p.m. www.harvardartmuseum.org.

Thu., April 16—**“Mapping/Networks: Exploring the Intersection of Electronic Media, Public Process, and Design.”** (GSD, Loeb Fellowship) Panel discussion and presentations by Laura Kurgan, Peter Hall, and Ceasar McDowell. Moderated by Robert Lane, Loeb fellow '09. Stubbins Room 112, Gund Hall, GSD, 48 Quincy St., 6:30 p.m. www.gsd.harvard.edu.

business/law

Mon., April 6—**“Should China’s Banking System be Privatized?”** (Fairbank Center, Turning Point Series) Ping He, HBS, and Yongzhen Yu, Ash Institute. Room S153, CGIS South, 1730 Cambridge St., 4 p.m. Free and open to the public. www.fas.harvard.edu/~fairbank/events/Turning_Point.html.



April 3
 ‘Color Forms’ features photographs by George Ducharme exploring movement in its fractions of moments, on view in the Holyoke Center April 3-29. There will be an opening reception Friday, April 3, from 5 to 6 p.m. See exhibitions, page 18.
 LEFT: ‘Untitled #1,’ photography, 2009

Tue., April 7—**“Criminal Justice in China and Taiwan: Recent Developments.”** (East Asian Legal Studies) Jerome A. Cohen, founding director, EALS. Room 419, Pound Hall, HLS, noon.

Thu., April 9—**“Do Boards Matter? A Study of Board Practices and Health Quality at U.S. Hospitals.”** (Hauser Center) Lunch seminar with Arnold M. Epstein, HSPH. Hauser Center, 5 Bennett St., Charles Hotel Courtyard, noon. Space is limited; RSVP to (617) 495-1114. www.hks.harvard.edu/hauser/.

Fri., April 10—**“Chinese Legal Reforms in the 1990s and the 1070s: Insights from History?”** (EALS) Billy K.L. So, Chinese University of Hong Kong. Room 419, Pound Hall, HLS, noon.

Wed., April 15—**“The Role of Human Rights, Gender Equality, and Race in Venezuelan Law.”** (Charles Hamilton Houston Institute) Justice Vegas Torrealba, Venezuelan Supreme Court. Ames Courtroom, Austin Hall, HLS, 1515 Mass. Ave., 6 p.m. www.charleshamiltonhouston.org.

Thu., April 16—**“Somalia: Responding to the Legal Challenges of Offshore Piracy.”** (Program on Humanitarian Policy and Conflict Research) Web seminar, 9-11 a.m. Registration information can be found at <http://ihforum.ning.com/events/Somalia-responding-to-the>. Free and open to the public.

Thu., April 16—**“Domestic Violence in Medieval Law and Literature.”** (Real Colegio Complutense) Eugene Lacarra, visiting scholar, Romance Languages and Literatures. Real Colegio Complutense, 26 Trowbridge St., 7:30 p.m. Lecture in English. Free and open to the public. www.realcolegiocomplutense.harvard.edu.

conferences

Fri., April 3—**“30th Anniversary of Taiwan Relations Act.”** (Fairbank Center, Taiwan Studies Conference) Details TBA. Room 354, CGIS Knafel, 1737 Cambridge St., 10:30 a.m.-5:15 p.m. www.fas.harvard.edu/~fairbank.

Fri., April 3-Sat., April 4—**“Clement Greenberg at 100: Looking Back to Modern Art.”** (History of Art and Architecture) Two day symposium featuring speakers Yve-Alain Bois, Benjamin Buchloh, Harry Cooper, Thierry de Duve, Darby English, and others. Sackler Auditorium, Sackler Museum, 485 Broadway, 9 a.m.-5 p.m. Free; no registration required. (617) 495-2377, greenberg100@gmail.com.

Fri., April 3-Sat., April 4—**“Objects of Knowledge, Objects of Exchange: Contours of (Inter)disciplinarity.”**

(Humanities Center) Day 1: Opening remarks by Homi Bhabha, 9:30 a.m. Day 1 panels include: “Worldly Languages,” “Antedisciplines,” “Mediations Across Media,” and keynote address “The Object/ive of Black Judah” by John L. Jackson. Day 2: “Ethical Subjects/Ethical Objects,” “Senses on Screen,” “Circulations,” and “Experimental Panel.” Thompson Room, Barker Center, 12 Quincy St., Day 1: 9:30 a.m.-6:30 p.m.; Day 2: 9:45 a.m.-6 p.m. Free and open to the public. <http://objectsofknowledge.org>.

Fri., April 3-Sun., April 5—**“Ecological Urbanism: Alternative and Sustainable Cities of the Future.”** (GSD, Center for the Environment, Office of the President, Taubman Center, Rappaport Institute) Conference of design practitioners and theorists, economists, engineers, environmental scientists, politicians, and public health specialists. Piper Auditorium, Gund Hall, 48 Quincy St. Tickets are \$20 students; \$125 all others. **NOTE: This event is SOLD OUT. To add your name to the waitlist, visit <http://ecologicalurbanism.gsd.harvard.edu>.**

Sat., April 4-Sun., April 5—**“Chiasmi.” 2nd Annual Harvard-Brown Graduate Student Conference in Italian Studies. “War and Peace: Reflections on Harmony and Conflict in Italian Culture.”** (Romance Languages and Literatures) Keynote speaker: Edward Muir, Northwestern University. Fong Auditorium, Boylston Hall, Sat.: 8:30 a.m.-6 p.m.; Sun: 8:45 a.m.-2:30 p.m. www.brown.edu/research/chiasmi/index.html.

Sat., April 4—**“Pakistan Conference at Harvard.”** (Harvard University Educators for South Asia, HGSE) Panels on entrepreneurship, technology, security, governance, education, and health in Pakistan. Room G08, Larsen Hall, HGSE, 9 a.m.-6 p.m. www.pakistanconference2009.com.

Sat., April 4—**“Creating Opportunities: The Role of Education in African Development.”** (HGSE) Marie Da Silva, nanny, 2008 CNN Hero of the Year, and founder of the Jacaranda Foundation, discusses “The Role of Social Entrepreneurship in Education” and “Girls’ Education in Africa.” Gutman Conference Center, HGSE, Appian Way, 10 a.m.-3:30 p.m. Registration is free and lunch is provided. Register online at http://isites.harvard.edu/hgse_vfa.

Sat., April 4—**“Visualizing Power: Plains Pictographic Arts.”** (Peabody Museum) Weekend of the Americas Seminar with lectures, discussions, and tours. Geological Lecture Hall, Peabody Museum, 24 Oxford St., 9 a.m.-6:30 p.m. A complete schedule is available at www.peabody.harvard.edu/week

end.html. Registration is required. Free admission for members; \$35 nonmembers; \$25 students/senior citizens. (617) 495-2269, www.peabody.harvard.edu. See exhibitions and art/design for reception and related lecture by Nathaniel Philbrick.

Mon., April 6—**“Tribal Justice: The Supreme Court and the Future of Federal Indian Law.”** (Charles Hamilton Houston Institute, Harvard Native American Law Students Association, Native American Program, and others) Ames Courtroom, Austin Hall, HLS, 1515 Mass. Ave., 1:15 p.m. Opening remarks by A. Raymond Halbritter, Oneida Indian Nation; keynote by Philip “Sam” Deloria, director, American Indian Graduate Center Inc. For a complete list of events and speakers, <http://www.charleshamiltonhouston.org/Events/Event.aspx?id=100089>.

Mon., April 6-Fri., April 10—**“2009 International Bridge Builders Conference.”** (HKS) Ten outstanding grassroots leaders from 10 developing countries. Mon.: Lunch with Bridge Builders and HKS PICS. JFK Jr. Forum, 79 JFK St., noon-1:30 p.m. Tue.: Restaurant Lunch Groups with Bridge Builders, JFK Jr. Forum, 79 JFK St., 1-2:30 p.m. “Organizing for Gender Justice,” Room 140, Littauer Building, 4-6 p.m. WAPPP Reception, Room 140, Littauer Building, 6 p.m. Wed.: “Organizing for Rural Redevelopment,” Allison Dining Room, Taubman Building, 11:30 a.m.-1:30 p.m. “Organizing for Disability Rights Amidst Poverty,” Room 275, Taubman Building, 2:30-4 p.m. Dessert will be served. Thu.: “Organizing for Youth Empowerment in Conflict Zones,” Room 140, Littauer Building, 4:30-6 p.m. Fri.: “Organizing for Social and Economic Enterprise,” Allison Dining Hall, Taubman Building, 2:30-4 p.m.

Thu., April 9-Sat., April 11—**“Emergent Visions: Independent Documentaries from China.”** (Asia Center, Fairbank Center, Harvard East Asia Society, VES, Carpenter Center) Conference of film screenings, directors’ talks, and panel discussions. Thu.: 4:15-9:30 p.m.; Fri.: 2-10:30 p.m.; Sat.: 3-10 p.m. For a complete list of events, speakers, and locations, visit www.fas.harvard.edu/~fairbank/events/Guest%20_Lecture_Series.html#films. (617) 496-6824, vhangel@fas.harvard.edu.

Mon., April 13—**“Petro Jacyk Memorial Symposium.”** (HURI) Details TBA. www.huri.harvard.edu/calendar.html.

Wed., April 15-Fri., April 17—**“Diaghilev’s Ballets Russes, 1909-1929: Twenty Years that Changed the World of Art.”** (Harvard Theatre Collection) Featuring almost two dozen speakers and scholars, including Joan Acocella, The New Yorker; Anna Kisselgoff, The New York

Times; and Joy Melville, author. Keynote address by Alexander Schouvaloff and special presentation by Thomas Forrest Kelly on “The Rite of Spring,” and more. New College Theatre, 10-12 Holyoke St., 9 a.m.-5:30 p.m., with additional evening events on April 15 and 16. Cost of the symposium is \$125; reduced fees available for Harvard affiliates and undergraduates at Boston-area colleges. For a complete schedule, visit http://hcl.harvard.edu/libraries/Houghton/Diaghilev_symposium.html. (617) 495-2445, htc@harvard.edu.

environmental sciences

Fri., April 3—**“Sustainability in a Changing World: Concepts and Policy Strategies To Address Climate Change in Alaska.”** (Harvard University Center for the Environment) Terry Chapin, University of Alaska, Fairbanks. Lecture Hall D, Science Center, 1 Oxford St., 4 p.m.

Sun., April 5—**“2009 Roger Tory Peterson Medal Recipient and Memorial Lecture.”** (HMNH) Russell Mittermeier, wildlife biologist, is honored and will give a lecture titled “Conserving the World’s Biodiversity: How the Climate Crisis Could Both Hurt and Help.” Science Center, 1 Oxford St., 3 p.m. Tickets are \$6 general; \$4 Harvard ID holders; and free for museum members. Advance tickets required. Harvard Box Office (617) 496-2222, http://ofa.fas.harvard.edu/tickets/details.cfm?EVENT_ID=40059. www.hmnh.harvard.edu.

Wed., April 15—**“The Future of Energy.”** (Harvard University Center for the Environment) Richard Garwin, Thomas J. Watson Research Center. Lecture Hall D, Science Center, 1 Oxford St., 5 p.m.

ethics

Thu., April 16—**“Somalia: Responding to the Legal Challenges of Offshore Piracy.”** (Program on Humanitarian Policy and Conflict Research) Web seminar, 9-11 a.m. Registration information can be found at <http://ihforum.ning.com/events/Somalia-responding-to-the>. Free and open to the public.

health sciences

Tue., April 7—**“Why are the Japanese Living Longer?”** (Program on U.S.-Japan Relations) Ichiro Kawachi, HSPH. Bowdoin Room K262, second floor, CGIS Knafel, 1737 Cambridge St., 12:30 p.m. Lunch will be available for purchase in the Fisher Family Commons on the first floor. www.wcfia.harvard.edu/us-japan/.

Thu., April 9—**“Do Boards Matter? A Study of Board Practices and Health Quality at U.S. Hospitals.”** (Hauser Center) Lunch seminar with Arnold M. Epstein, HSPH. Hauser Center, 5 Bennett St., Charles Hotel Courtyard, noon. Space is limited; RSVP to (617) 495-1114. www.hks.harvard.edu/hauser/.

Medical School

Tue., April 7—**“Controlling Cellular Signaling Pathways Using Light.”** (Microbiology & Molecular Genetics) Christopher Voigt, University of California, San Francisco. Room 341, Warren Alpert Building, HMS, 200 Longwood Ave., 12:30 p.m. Coffee is served prior to event at 12:15 outside the room. shannon@hms.harvard.edu.

Wed., April 8—**“HMS Psychiatry Research Day Poster Session.”** (HMS) Rotunda, New Research Building, HMS, 77 Avenue Louis Pasteur, noon.

Wed., April 8—**“The Central Noradrenergic Nervous System: Past and Future Implications for Psychiatry.”** (HMS) Floyd Bloom, The Scripps Research Institute. Amphitheater, New Research Building, HMS, 77 Avenue Louis Pasteur, 2:15 p.m.

Tue., April 14—**“How Electron Crytomography is Opening a New Window into Bacterial and Viral Ultrastructure.”** (Microbiology & Molecular Genetics) Grant Jensen, Cal Tech. Room 341, Warren Alpert Building, HMS, 200 Longwood Ave., 12:30 p.m. Coffee is served prior to event at 12:15

(Continued on next page)

(Continued from previous page) outside the room. shannon@hms.harvard.edu.

Wed., April 15—**“Your Brain on Ads: How Modern Media is Shaping Young Minds.”** (HMS) Three medical experts explain how modern media affects young minds. Joseph B. Martin Conference Center, The New Research Building, 77 Avenue Louis Pasteur, 6 p.m. Class registration is now closed; to add your name to the waiting list: (617) 432-3038, longwood_seminars@hms.harvard.edu. Web streaming of each lecture is available one week after event.

School of Public Health

Thu., April 2—**“Evolution of Influenza Viruses.”** (Distinguished Lecture Series, Division of Biological Sciences) Derek Smith, University of Cambridge. Room G2, Kresge Building, HSPH, 665 Huntington Ave., 4 p.m. Reception prior to lecture at 3:30 p.m.

Fri., April 3—**“Confronting the Next Influenza Pandemic with Inexpensive Generics: The Challenge to Science and Policy.”** (HSPH) David Fedson, physician. Room 907, Epidemiology Library, Kresge Building, HSPH, 677 Huntington Ave., 12:30 p.m. Lunch is provided.

Tue., April 7—**“A Novel Family of Receptor Regulator Proteins.”** (Molecular and Integrative Physiological Sciences) Joseph Nabhan, HSPH. Room 1302, Building 1, HSPH, 665 Huntington Ave., 9:30 a.m.

Mon., April 13—**“The Impact of ART on HIV Epidemic Dynamics (work in progress).”** (HSPH) Mark Lurie, Brown University. Room 907, Epidemiology Library, Kresge Building, HSPH, 677 Huntington Ave., 12:30 p.m. Lunch is provided.

Mon., April 13—**“Evolving HIV/AIDS Policies in Africa.”** (HSPH AIDS Initiative) His Excellency Festus Mogae, former president, Republic of Botswana. Room G2, Kresge Building, HSPH, 677 Huntington Ave., 12:30 p.m. (617) 432-6106, mshenry@hsph.harvard.edu.

Tue., April 14—**“A Softer Approach to Understanding Fibrogenesis in the Lung.”** (Molecular and Integrative Physiological Sciences) Justin Mih, HSPH. Room 1302, Building 1, HSPH, 665 Huntington Ave., 9:30 a.m.

Wed., April 15—**“I Little Slave: A Prison Memoir from Communist Laos.”** (HSPH) Bounsang Khamkeo, author. Room G2, Kresge Building, HSPH, 677 Huntington Ave., 12:30 p.m.

Thu., April 16—**“Optimizing Rural Health Care Workers in Developing Countries.”** (HSPH, FXB Center for Health and Human Rights, Division of Global Health Equity at Brigham and Women’s Hospital) Mark Zimmerman, director, Nick Simons Institute. Room G12, FXB Building, HSPH, 651 Huntington Ave., 12:30 p.m. Open to Harvard and Longwood communities. Light refresh-

ments provided. mszperka@hsph.harvard.edu.

humanities

Thu., April 2—**“Conversation with María Pilar Aquino.”** (Women’s Studies in Religion Program, HDS) Brown bag lunch series with María Pilar Aquino, HDS. Room 117, Rockefeller Hall, noon. (617) 495-7505, esutton@hds.harvard.edu.

Thu., April 2—**“Narratives of Inauthenticity, Impurity, and Disorder: Or, How Forgeries, Half-Castes, and Hooligans Shaped Pre-Modern Korean History.”** (Korea Colloquium) Remco E. Breuker, Leiden University; chaired by Sun Joo Kim, Harvard University. Porté Room S250, CGIS South, 1730 Cambridge St., 4 p.m.

Thu., April 2—**W.E.B. Du Bois Lectures. “Of the Meaning of Progress: Measuring Black Citizenship.”** (Du Bois Institute, Committee on African Studies) “I am Obama: Forging a New Black Citizenship” by Melissa Harris-Lacwell, Princeton University. Tsai Auditorium, CGIS, 1730 Cambridge St., 5 p.m. www.dubois.fas.harvard.edu.

Thu., April 2—**“A Man Is Shot: The Content of a Cinematic Technique.”** (Humanities Center) Master class with Louis Menand, Harvard University. Thompson Room 110, Barker Center, 12 Quincy St., 6 p.m. Free and open to the public; seating is limited. www.fas.harvard.edu/~humcentr.

Thu., April 2—**“The Not-so-Gentle Art of Picture Titles.”** (Humanities Center) Ruth Yeazell, Yale University. Room 133, Barker Center, 12 Quincy St., 6 p.m. www.fas.harvard.edu/~humcentr.

Thu., April 2—**“Sylphs, an Emerald Tablet, and the Kabbalah; or, Where did the Enlightenment Come From?”** (Humanities Center) Margaret Doody, Princeton University. Room 133, Barker Center, 12 Quincy St., 4 p.m. www.fas.harvard.edu/~humcentr.

Fri., April 3—**“Privilege and Prohibition: Kings and Poets in Early Ireland.”** (Celtic Languages and Literatures, Humanities Center) William Sayers, Cornell University. Room 133, Barker Center, 12 Quincy St., 4:30 p.m. **NOTE: This event has been cancelled.**

Mon., April 6—**“The Portuguese Novel, Past and Present.”** (Romance Languages and Literatures) Almeida Faria, novelist. Room 335, Boylston Hall, 4 p.m. www.fas.harvard.edu/~rll.

Mon., April 6—**The Spring Morris Gray Lecture. “A Poetry Reading by C.D. Wright.”** (English) C.D. Wright, poet. Thompson Room, Barker Center, 12 Quincy St., 6 p.m. Free and open to the public.

Mon., April 6—**“Christians on Earth, Citizens in Heaven: The City as Metaphor in Early Byzantine Political Thought.”** (Classics) Claudia Rapp,

UCLA. Room 211, Barker Center, 12 Quincy St., 6 p.m.

Tue., April 7—**“A Musical Conversation with Vocalist Aster Aweke.”** (Learning From Performers, OfA, Music) Aster Aweke discusses her career and creative process and performs vocal selections accompanied by Betelehem Melaku on keyboard and krar. Moderated by Kay Kaufman Shelemay, Harvard University. New College Theatre Rehearsal Studio, 10-12 Holyoke St., 3 p.m. Free and open to the public. (617) 495-8676, www.fas.harvard.edu/~ofa.

Tue., April 7—**The Louis C. Elson Lecture. “Memento mei: Polyphonic Music in some 15th-century Commemorations for the Dead.”** (Music) Margaret Bent, University of Oxford. Lecture incorporating live performance of musical examples with mezzo-soprano Mary Gerbi, soprano Anna Zayarnaya, tenor Steven Soph, and baritone Bradford Gleim. Paine Hall, 5:15 p.m. Free and open to all.

Tue., April 7—**“Who Knew? André Breton’s Surreality in Nikos Kazantzakis.”** (Humanities Center, Seminar on Modern Greek Literature and Culture) Stamos Metzidakis, Washington University, St. Louis. Room S040, CGIS South, 1730 Cambridge St., 5:30 p.m. (617) 384-7794, rapti@fas.harvard.edu.

Tue., April 7—**“La magie de Francois le Champi: Proust et George Sand.”** (Romance Languages and Literatures, Humanities Center) Béatrice Didier, Ecole Normale Supérieure. Room 133, Barker Center, 12 Quincy St., 6 p.m. www.fas.harvard.edu/~rll.

Tue., April 7—**“The Power of Images: Qajar Photography and Its Influence on Modern Iranian Art.”** (Art Museum) Talk by Layla S. Diba. Sackler Museum, 485 Broadway, 6 p.m. www.harvardartmuseum.org.

Tue., April 7—**“Trauma, the Sacred, and the Sublime: Looking Awry at Zizek.”** (Humanities Center) Dominick LaCapra, Cornell University. Room 110, Barker Center, 12 Quincy St., 6 p.m. Free and open to the public; seating is limited. www.fas.harvard.edu/~humcentr.

Wed., April 8—**“A Multitude of Women: The Challenge of the Contemporary Italian Novel.”** (DeBosis Colloquium, Romance Languages and Literatures) Stefania Lucamante, Catholic University of America, with respondent Mary DiSalvo. Room G07, Boylston Hall, 4 p.m. Free and open to the public. www.fas.harvard.edu/~rll.

Wed., April 8—**“Spinoza and Hume on Religion as a Natural Phenomenon.”** (Philosophy) Herman De Dijn, visiting lecturer, Harvard University. Room 305, Emerson Hall, 5 p.m.

Wed., April 8—**“Tang-Uyghur Archaeology in Mongolia.”** (Anthropology, East Asian Languages and Civilizations, Asia Center, GSAS) Tigran

Mkrtychev, State Museum of Oriental Art, Moscow, and Tsultem Odbataar, National Museum of Mongolian History. Room 14A, Peabody Museum, 11 Divinity Ave., 5 p.m.

Wed., April 8—**“Post-Crisis: Biopolitics of Art in Argentina after 2001.”** (Art Museum) Talk by Andrea Giunta. Sackler Museum, 485 Broadway, 6 p.m. www.harvardartmuseum.org.

Wed., April 8—**“Telling Tales: Jains and Saivites and Their Stories in Medieval South India.”** (HDS) Phyllis Granoff, Yale University. Thompson Room, Barker Center, 12 Quincy St., 7:30 p.m. Light refreshments served. (617) 495-4486, dcoetter@hds.harvard.edu.

Fri., April 10—**“New Approaches to Capitalism and Imperialism in U.S. History.”** (Warren Center, Political Economy Workshop) 9 a.m.-6 p.m. Details TBA; check www.fas.harvard.edu/~polecon.

Fri., April 10—**“The Noble Lasso of Methods, a Lotus Garland: A Mahayoga Text from Dunhuang in 84 Folios Associated with Padmasambhava, and its Transmission in Tibet.”** (Inner Asian and Altaic Studies) Robert Mayer, Oxford University. Room S250, CGIS South, 1730 Cambridge St., 1 p.m. Free and open to the public. Feel free to bring a lunch; snacks will be provided. iaas@fas.harvard.edu.

Fri., April 10—**“Joss Whedon: Cultural Humanist.”** (Cambridge Forum, Humanist Chaplaincy) Television writer and director Joss Whedon receives the 2009 Outstanding Lifetime Achievement Award in Cultural Humanism. The Memorial Church, 8 p.m. Tickets are required. (617) 495-2727. **NOTE: This event is SOLD OUT.**

Mon., April 13—**“Running Water is Beautiful Water: Rivers in the Geographical Writing of Dionysius the Periegete.”** (Classics) Jane Lightfoot, University of Oxford. Room 133, Barker Center, 12 Quincy St., 4:15 p.m.

Mon., April 13—**“Modern Greek: Colliding Past and Present in Theatre and Visual Art.”** (Art Museum, American Repertory Theatre) Christine Evans, playwright, “Trojan Barbie”; David Reynoso, set and costume designer; Ryan McKittrick, associate dramaturg. Sackler Museum, 485 Broadway, 6 p.m. Free and open to the public. Seating is limited; RSVP to kelsey_mcniff@harvard.edu with “Trojan Barbie” in subject line. www.harvardartmuseum.org.

Tue., April 14—**“Taking Sides: Issues of Allegiance in the Reception of Lucan’s Civil War.”** (Classics) Susanna Braund, University of British Columbia. Room 133, Barker Center, 12 Quincy St., 6 p.m.

Tue., April 14—**“Curriculum, Canon, and Interpretive Authority in the Madrasahs of Pakistan.”** (CSWR) Shahab Ahmed, Harvard University. Common Room, CSWR, 42 Francis Ave., 5:15 p.m. www.hds.harvard.edu/cswr/events/calendar.html.

Tue., April 14—**“The Recovery of Medieval Music from Damaged and Fragmentary Sources.”** (Houghton Library) Margaret Bent, visiting professor, Harvard University. Edison and Newman Room, Houghton Library, 5:30 p.m. (617) 495-2444.

Wed., April 15—**“‘Ain’t Got No Home’: Race and American Migration Narratives in the Depression Era.”** (Du Bois Institute) Erin Royston Battat, Harvard University. Thompson Room, Barker Center, 12 Quincy St., noon. www.dubois.fas.harvard.edu.

Wed., April 15—**“How To Lease an Orphan’s Estate in Classical Athens: New Data from the Archimedes Palimpsest.”** (Classics) Gerhard Thür, University of Graz. Room 133, Barker Center, 12 Quincy St., 4 p.m.

Wed., April 15—**“Italian Neorealist Cinema: An Aesthetic Approach.”** (Romance Languages and Literatures, DeBosis Colloquium) Christ Wagstaff, University of Reading, with respondent

Adam Muri-Rosenthal. Room G07, Boylston Hall, 4 p.m. www.fas.harvard.edu/~rll.

Wed., April 15—**“The Ritual Use of Animals in Late Shang Funerary Practice: A Zooarchaeological Perspective.”** (Anthropology, EALC, Asia Center, GSAS) Li Zhipeng, Beijing University. Room 14A, Peabody Museum, 11 Divinity Ave., 5 p.m. miller9@fas.harvard.edu.

Wed., April 15—**“Mumbai: Kinetic City.”** (Art Museum) Part of the “Cities: Their Art and Architecture” series. Rahul Mehrotra, MIT. Sackler Museum, 485 Broadway, 6:30 p.m. Cost is \$18 general; \$12 members. Space is limited and registration strongly encouraged. (617) 495-9400, www.harvardartmuseum.org.

Thu., April 16—**“Local Commitments, National Aspirations: The History of a Ghanaian Elite.”** (Du Bois Institute) Carola Lentz, Johannes Gutenberg-Universität Mainz. Thompson Room, Barker Center, 12 Quincy St., noon. www.dubois.fas.harvard.edu.

Thu., April 16—**“How Machado de Assis Became a Universal Writer.”** (Brazil Studies, DRCLAS) John Gledson, University of Liverpool, with commentators Joaquim-Francisco Coelho and Nicolau Sevcenko, Harvard University. Room S050, DRCLAS, CGIS South, 1730 Cambridge St., 12:15 p.m.

Thu., April 16—**“Edmonia Lewis’s ‘Bust of Henry Wadsworth Longfellow.’”** (Art Museum) Ivan Gaskell and Laurel Thatcher Ulrich, Harvard University. Sackler Museum, 485 Broadway, 3:30 p.m. www.harvardartmuseum.org.

Thu., April 16—**“Founder’s Lecture. ‘Entangled at Catalhöyük: Material Life in the First Cities.’** (Peabody Museum) Ian Hodder, Stanford University. Yenching Institute, 2 Divinity Ave., 5:30 p.m. Lecture to follow in the Peabody Museum, 11 Divinity Ave. Free and open to the public. (617) 496-1027, www.peabody.harvard.edu.

Thu., April 16—**“Susan Stewart: Poetry and Perception.”** (Cambridge Forum) Susan Stewart, poet. First Parish, 3 Church St., 7:30 p.m. Free and open to the public.

Thu., April 16—**“Domestic Violence in Medieval Law and Literature.”** (Real Colegio Complutense) Eugene Lacarra, visiting scholar, Romance Languages and Literatures. Real Colegio Complutense, 26 Trowbridge St., 7:30 p.m. Lecture in English. Free and open to the public. www.realcolegiocomplutense.harvard.edu.

poetry/prose

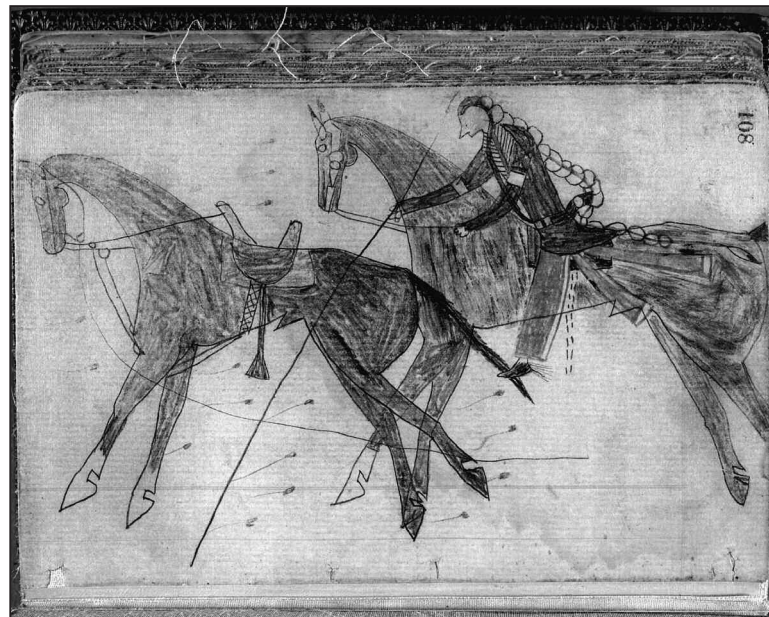
Fri., April 3—**“A Reading of T.S. Eliot’s ‘The Waste Land’ and Other Poems.”** (English, OfA, Office of the President and Provost) Actors Dame Eileen Atkins and Brian Dennehy read Eliot’s “The Waste Land” and other poems. Introduced by novelist Josephine Hart. New College Theatre, 10-12 Holyoke St., 5 p.m. Reception to follow. Tickets are free and available through the Harvard Box Office (617) 496-2222, www.boxoffice.harvard.edu.

Mon., April 6—**“A Poetry Reading.”** (Radcliffe Institute) Gail Mazur, fellow, Radcliffe Institute. Radcliffe Gymnasium, 10 Garden St., Radcliffe Yard, 3:30 p.m. (617) 495-8212, www.radcliffe.edu/events.

Mon., April 6—**The Spring Morris Gray Lecture. “A Poetry Reading by C.D. Wright.”** (English) C.D. Wright, poet. Thompson Room, Barker Center, 12 Quincy St., 6 p.m. Free and open to the public.

Mon., April 6—**“Panel on Publishing by Poets who Edit: The Perils of Starting a Press.”** (Yenching Library) Valerie Lawson, Doug Holder, and Gloria Mindock. Yenching Library, 2 Divinity Ave., 7 p.m.

Thu., April 16—**“Susan Stewart: Poetry and Perception.”** (Cambridge Forum) Susan Stewart, poet. First Parish, 3



Houghton Library, Harvard University/Gift of Harriet J. Bradbury, 1930
Ledger drawing by unknown Indian warrior, probably Lakota, ca. 1865. Detail from Half Moon ledger book.

April 3-4

‘Wiyohpiyata: Lakota Images of the Contested West’ opens at the Peabody Museum April 3. There will be a related lecture (see art/design, page 19) and opening reception (see exhibitions, page 18) on April 3 and related talks, tours, and conversations on April 4 (see conferences, page 19). Call (617) 496-1027 or visit www.peabody.harvard.edu for details.

Church St., 7:30 p.m. Free and open to the public.

Thu., April 30—**“The 2009 Harvard Arts Medal Ceremony Honoring Poet John Ashbery.”** (Ofa, Board of Overseers of Harvard College) Actor John Lithgow '67 hosts event honoring poet John Ashbery '49; moderated by poet Dan Chiasson GSAS '01, Wellesley College; presented by Harvard President Drew Faust. New College Theatre, 10-12 Holyoke St., 5 p.m. Free admission; tickets required (limit 2 per person). Harvard Box Office (617) 496-2222, www.boxoffice.harvard.edu.

science

Thu., April 2—**“A Nanoscience Approach to Photocatalysis and Solar Cells.”** (Lecture in the Chemical Sciences, Physical Chemistry Seminar) Thomas Mallouk, Pennsylvania State University. Pfizer Lecture Hall, Mallinckrodt Labs, 12 Oxford St., 4 p.m.

Sun., April 5—**“2009 Roger Tory Peterson Medal Recipient and Memorial Lecture.”** (HMNH) Russell Mittermeier, wildlife biologist, is honored and will give a lecture titled “Conserving the World’s Biodiversity: How the Climate Crisis Could Both Hurt and Help.” Science Center, 1 Oxford St., 3 p.m. Tickets are \$6 general; \$4 Harvard ID holders; and free for museum members. Advance tickets required. Harvard Box Office (617) 496-2222, http://ofa.fas.harvard.edu/tickets/details.cfm?EVENT_ID=40059, www.hmn.harvard.edu.

Mon., April 6—**“Total Synthesis of Natural Products and Development of Synthetic Methodology.”** (Max Tishler Prize Lectures) Tohru Fukuyama, University of Tokyo. Pfizer Lecture Hall, Mallinckrodt Labs, 12 Oxford St., 4 p.m.

Tue., April 7—**“Synthetic Studies on Seemingly Simple-Looking Natural Products.”** (Max Tishler Prize Lectures) Tohru Fukuyama, University of Tokyo. Pfizer Lecture Hall, Mallinckrodt Labs, 12 Oxford St., 4 p.m.

Thu., April 9—**“Chemistry Lecture.”** (Lectures in the Chemical Sciences, Harvard/MIT Physical Chemistry Seminar) Lecture title TBA. Stuart Rice, University of Chicago. Pfizer Lecture Hall, Mallinckrodt Labs, 12 Oxford St., 5 p.m.

Mon., April 13—**“New Insights into the Target of Rapamycin (TOR) Signaling Pathway Revealing Using Novel TOR Inhibitors.”** (R.B. Woodward Visiting Scholar) Kevan Shokat, University of California, San Francisco. Pfizer Lecture Hall, Mallinckrodt Labs, 12 Oxford St., 4 p.m.

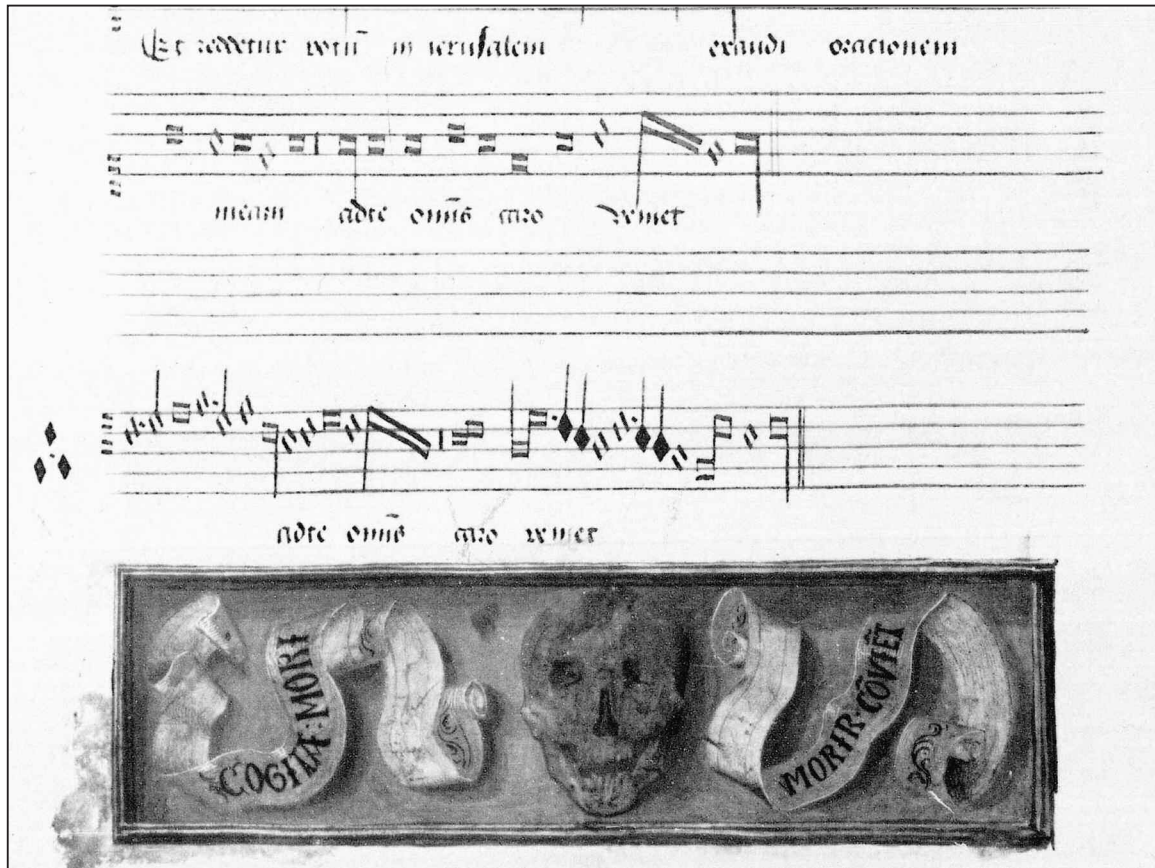
Tue., April 14—**“Using Science To Improve Preventive Policies: Some Challenges and Dilemmas.”** (HGSE, HSPH) Sir Michael Rutter, physician. Askwith Lecture Hall, Longfellow Hall, 13 Appian Way, 3:30 p.m. Free and open to the public. <http://developingchild.harvard.edu/content/lectures.html>.

Wed., April 15—**“Chemistry Lecture.”** (Lectures in the Chemical Sciences, Harvard/MIT Inorganic Chemistry Seminar) Lecture title TBA. Michael Green, Pennsylvania State University. Pfizer Lecture Hall, Mallinckrodt Labs, 12 Oxford St., 4 p.m.

Wed., April 15—**“Your Brain on Ads: How Modern Media is Shaping Young Minds.”** (HMS) Three medical experts explain how modern media affects young minds. Joseph B. Martin Conference Center, The New Research Building, 77 Avenue Louis Pasteur, 6 p.m. Class registration is now closed; to add your name to the waiting list: (617) 432-3038, longwood_seminars@hms.harvard.edu. Web streaming of each lecture is available one week after event.

Thu., April 16—**“Because the World is Round.”** (CfA) Patrick Slane, CfA. Phillips Auditorium, CfA, 60 Garden St., 7:30 p.m. Observing through telescopes follows the presentation, weather permitting. Live Webcast: www.cfa.harvard.edu/events/public_events.html.

Thu., April 16—**“The Discovery of the Superconducting Energy Gap.”** (Physics)



Michael Tinkham, Harvard University. Hall D, Science Center, 1 Oxford St., 8 p.m. Refreshments afterwards in Putnam Gallery, Science Center. Free and open to the public.

social sciences

Thu., April 2—**“Conversation with María Pilar Aquino.”** (Women’s Studies in Religion Program, HDS) Brown bag lunch series with María Pilar Aquino, HDS. Room 117, Rockefeller Hall, noon. (617) 495-7505, esutton@hds.harvard.edu.

Thu., April 2—**“Antifascism, Youth Scenes, and Urban Space: Findings from Recent Fieldwork in Provincial Russia.”** (Davis Center) Mischa Gabowitsch, Princeton University. Room S354, CGIS South, 1730 Cambridge St., 12:15 p.m. <http://daviscenter.fas.harvard.edu>.

Thu., April 2—**“The Pitfalls of Jihad.”** (Belfer Center’s International Security Program) Brown bag seminar with Nelly Lahoud, fellow, ISP/Initiative on Religion in International Affairs. Littauer 369, Belfer Center Library, HKS, 79 JFK St., 12:15 p.m. Coffee and tea provided. <http://belfercenter.ksg.harvard.edu/events/3898/>.

Thu., April 2—**“Narratives of Inauthenticity, Impurity, and Disorder: Or, How Forgeries, Half-Castes, and Hooligans Shaped Pre-Modern Korean History.”** (Korea Colloquium) Remco E. Breuker, Leiden University; chaired by Sun Joo Kim, Harvard University. Porté Room S250, CGIS South, 1730 Cambridge St., 4 p.m.

Thu., April 2—**“Afghanistan: Rhetoric and Reality.”** (WCFA, CMES) Rory Stewart, Harvard University. Bowie-Vernon Room K262, CGIS Knafel, WCFA, 1737 Cambridge St., 4 p.m.

Thu., April 2—**“Popular Accountability and Autocratic Resilience: Evidence from the Single-Party Communist Regimes in Eastern Europe and China.”** (Fairbank Center) Martin Dimitrov, Dartmouth College. Room S153, CGIS South, 1730 Cambridge St., 5:15 p.m. www.fas.harvard.edu/~fairbank.

Thu., April 2—**“Can Migration ‘Boost’ Development in Countries of Origin? Big Time! The Case of Colombian Migrants in Spain.”** (Real Colegio Complutense) Talk by Conchita Galdón. Real Colegio Complutense, 26 Trowbridge St., 7:30 p.m. Lecture in English. Free and open to the public. www.realcolegiocomplutense.harvard.edu.

Thu., April 2—**“The Generalissimo: A Considerable Reappraisal.”** (Fairbank Center) Jay Taylor, Fairbank Center. Room S153, CGIS South, 1730 Cambridge St., 7:30 p.m. www.fas.harvard.edu/~fairbank.

Thu., April 2—**“Ordinary Heroes for Extraordinary Times.”** (Cambridge Forum) Amy Goodman, award-winning journalist, and her brother David Goodman, investigative reporter. First Parish, 3 Church St., 7:30 p.m. A reception with the Goodmans precedes the program at 6:30 p.m. Tickets are \$15 general; \$10 students/Forum members; \$15 at the door. To purchase tickets, call (617) 495-2727. www.cambridgeforum.org.

Fri., April 3—**“Reporting from Vietnam: Journalism in a One-Party State.”** (Asia Center) Bill Hayton, author. Room K401, fourth floor, CGIS Knafel, 1737 Cambridge St., 3:30 p.m. (617) 496-6273. **NOTE: Time and location have changed from previous listing.**

Fri., April 3—**“China’s Emerging Energy Security Debate.”** (Fairbank Center) Andrew Kennedy, postdoctoral fellow, Harvard University. Room S153, CGIS South, 1730 Cambridge St., 4 p.m.

Fri., April 3—**“Starting at Standing Rock: Following Custer and Sitting Bull to the Little Big Horn.”** (Peabody Museum) Nathaniel Philbrick, author. Geological Lecture Hall, 24 Oxford St., 5:30 p.m. Reception to follow in Peabody Museum, 11 Divinity Ave. Free and open to the public. (617) 496-1027, www.peabody.harvard.edu. See also exhibitions.

Mon., April 6—**“Can the World Bank’s Development Thinking Explain Asian Policy?”** (Asia Center) Shahid Yusuf, World Bank; moderated by Dwight Perkins, Harvard University. Room S050, concourse level, CGIS South, 1730 Cambridge St., 12:30 p.m. (617) 496-6273.

Mon., April 6—**“Tirana, Albania in Transition: Reconciling the Formal and Informal City.”** (Joint Center for Housing Studies, GSD) John Driscoll, visiting fellow, Joint Center for Housing Studies. Room 517, Gund Hall, GSD, 49 Quincy St., 1 p.m. www.jchs.harvard.edu.

Mon., April 6—**“Another Tale from the Frozen North: Success Co-existing with Failure in Health and Human Development.”** (WCFA, Canada Program) Clyde Hertzman, University of British Columbia. Bowie-Vernon Room, second floor, WCFA, CGIS Knafel, 1737 Cambridge St., 4 p.m.

Mon., April 6—**“Corruption and Militarism in South Africa and the Middle East Post-Apartheid: The Past as Present?”** (CMES) Andrew Feinstein, author. Room 102, CMES, 38 Kirkland St., 4 p.m.

Mon., April 6—**“The Consolidation of Army Officer Training in Lviv: Its**

Significance for Ukraine’s Military Development.” (HURI) Seminar with Leonid Polyakov, fellow, WCFA and HURI. Room S050, concourse level, CGIS South, 1730 Cambridge St., 4 p.m. www.huri.harvard.edu/calendar.html.

Mon., April 6-Thu., April 9—**“Brazilian Immigration to the U.S.: Linking Theory and Action.”** (DRCLAS Brazil Studies Program, Romance Languages and Literatures) Mon., 6 p.m.-8 p.m.: Opening and welcome by Clémence Jout-Pastré, and guest speaker Carlos Lupi, Ministro do Trabalho. Tue., 6-8 p.m.: “Politics of Reality? Immigration Laws in the Obama Era,” Marcony Almeida. Wed., 6-8 p.m.: “The Present and the Future of the Brazilian Community: Trends and Issues for Youth,” Heloisa Galvao and Leticia J. Braga. Thu., 5-8 p.m.: “Media Coverage of Brazilian Immigrant Health in Massachusetts” and “The Mental Health of Brazilian Immigrants in Massachusetts,” panel discussions. All events held in the Belfer Case Study Room, CGIS South, 1730 Cambridge St. Free and open to the public. www.drclas.harvard.edu/brazil.

Tue., April 7—**“Sex Equality and the State: Explaining Why Governments Promote Women’s Rights in Latin America and the World.”** (DRCLAS, WCFA) Mala Htun, The New School, New York. Room S250, CGIS South, 1730 Cambridge St., noon. Opportunity for comments and questions to follow the presentation. smtesor@fas.harvard.edu.

Tue., April 7—**“Why are the Japanese Living Longer?”** (Program on U.S.-Japan Relations) Ichiro Kawachi, HSPH. Bowie-Vernon Room K262, second floor, CGIS Knafel, 1737 Cambridge St., 12:30 p.m. Lunch will be available for purchase in the Fisher Family Commons on the first floor. www.wcfia.harvard.edu/us-japan/.

Tue., April 7—**“Moral Reasoning and Intelligibility: Becoming Muslim in Post-Soviet Uzbekistan.”** (Davis Center) Johan Rasanayagam, University of Aberdeen. Room S354, CGIS South, 1730 Cambridge St., 4:15 p.m. <http://daviscenter.fas.harvard.edu>.

Wed., April 8—**“Russia Incorporated: The Market Economy in an FSB-Controlled State in the Twenty-First Century.”** (Davis Center) Yuri Felshitsky, author and historian. Room S354, CGIS South, 1730 Cambridge St., 12:30 p.m. <http://daviscenter.fas.harvard.edu>.

Wed., April 8—**“Tang-Uyghur Archaeology in Mongolia.”** (Anthropology, East Asian Languages and Civilizations, Asia Center, GSAS) Tigran Mkrtchyan, State Museum of Oriental Art, Moscow, and Tsultem Odbataar, National Museum of Mongolian History.

April 7
The Music Department presents the Louis C. Elson Lecture — ‘Memento mei: Polyphonic Music in some 15th-century Commemorations for the Dead’ — Tuesday, April 7, in Paine Hall at 5:15 p.m. The lecture by Margaret Bent of the University of Oxford will incorporate live performance of musical examples. Free and open to all. See humanities, page 20.

Room 14A, Peabody Museum, 11 Divinity Ave., 5 p.m.

Wed., April 8—**“Considering Indultos: Prosecuting the Choices of Life during War in Nineteenth-Century Colombia.”** (DRCLAS) Joshua Rosenthal, Western Connecticut State University. Room S250, CGIS South, 1730 Cambridge St., 6 p.m. Copies of the paper available one week in advance of talk at http://drclas.harvard.edu/events/hw_karl@fas.harvard.edu.

Thu., April 9—**“Grabbing the Third Rail: Reflections on ‘The Israel Lobby.’”** (Belfer Center’s International Security Program) Brown bag seminar with Stephen Walt, ISP. Littauer 369, Belfer Center Library, HKS, 79 JFK St., 12:15 p.m. Coffee and tea provided. <http://belfercenter.ksg.harvard.edu/events/3914>.

Fri., April 10—**“Chinese Legal Reforms in the 1990s and the 1070s: Insights from History?”** (EALS) Billy K.L. So, Chinese University of Hong Kong. Room 419, Pound Hall, HLS, noon.

Fri., April 10—**“Kallisti: The Bride-Show and Muscovite Marriage Politics.”** (Davis Center) Russell E. Martin, Westminster College. Room S153, CGIS South, 1730 Cambridge St., 12:15 p.m. <http://daviscenter.fas.harvard.edu>.

Fri., April 10—**“Demographic Crisis and Gender in Russia after WWII.”** (Davis Center) Elizabeth Brainerd, Davis Center, with Mie Nakachi, postdoctoral fellow, Davis Center. Room S354, CGIS South, 1730 Cambridge St., 12:15 p.m. <http://daviscenter.fas.harvard.edu>.

Fri., April 10—**“Strategies for Knowing an Asian Mountain: Changbaishan, 1600-Present.”** (Asia Center, Reischauer Institute) Ruth Rogaski, Vanderbilt University. Room S050, concourse level, CGIS South, 1730 Cambridge St., 12:30 p.m. (617) 496-6273.

Fri., April 10—**“Joss Whedon: Cultural Humanist.”** (Cambridge Forum, Humanist Chaplaincy) Television writer and director Joss Whedon receives the 2009 Outstanding Lifetime Achievement Award in Cultural Humanism. The Memorial Church, 8 p.m. Tickets are required. (617) 495-2727. **NOTE: This event is SOLD OUT.**

Mon., April 13—**“Ambiguities of Race: Cubans’ Memories of the Revolution.”** (DRCLAS) Elizabeth Dore, DRCLAS. Room 250, CGIS South, 1730 Cambridge St., 12:15 p.m.

Mon., April 13—**“Housing and Community Development Policy in the Post-Bush Era: The View from Boston.”**

(Continued on next page)

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(Joint Center for Housing Studies) John Palmieri, director, Boston Redevelopment Authority. Stubbins Room 112, Gund Hall, GSD, 49 Quincy St., 1 p.m. www.jchs.harvard.edu.

Mon., April 13—**"Toni Stone's Challenge to Baseball and America."** (Radcliffe Institute) Martha Ackmann, fellow, Radcliffe Institute. Radcliffe Gymnasium, 10 Garden St., Radcliffe Yard, 3:30 p.m. (617) 495-8212, www.radcliffe.edu/events.

Tue., April 14—**"Andean Radical Populism: The Foe or the Essence of Democracy?"** (DRCLAS, WCFA) Carlos de la Torre, Latin American Faculty for Social Sciences, Ecuador. Opportunities for questions and comments to follow the presentation. Room S250, CGIS South, 1730 Cambridge St., noon. smtesor@fas.harvard.edu.

Tue., April 14—**"Turkey's Trajectory in the Middle East."** (CMES) Lenore Martin, Harvard University. Room 102, CMES, 38 Kirkland St., noon. www.cmes.hmdc.harvard.edu.

Tue., April 14—**"Forced Labor and Human Trafficking in Today's Russia."** (Davis Center) Dmitry Poletaev, fellow, Davis Center. Room S354, CGIS South, 1730 Cambridge St., 12:15 p.m. http://daviscenter.fas.harvard.edu.

Tue., April 14—**"Lessons from Japan for a Troubled World: Finance, Economics, and Politics."** (Program on U.S.-Japan Relations) Robert Alan Feldman, managing director, Morgan Stanley Japan Securities Co. Ltd., and Thierry Porté, Program on U.S.-Japan Relations. Bowie-Vernon Conference Room, second floor, CGIS Knafel, 1737 Cambridge St., 12:30 p.m. Lunch will be available for purchase in the Fisher Family Commons on the first floor. www.wcfia.harvard.edu/us-japan/.

Tue., April 14—**"The Crisis of Incarceration in America."** (Harvard Institute for Learning in Retirement) Bruce Western, HKS. Grossman Common Room, 51 Brattle St., 3:15 p.m. Free and open to the public.

Tue., April 14—**"Using Science To Improve Preventive Policies: Some Challenges and Dilemmas."** (HGSE, HSPH) Sir Michael Rutter, physician. Askwith Lecture Hall, Longfellow Hall, 13 Appian Way, 3:30 p.m. Free and open to the public. http://developingchild.harvard.edu/content/lectures.html.

Tue., April 14—**"Fishing for the Past: Palestinian Fishermen in Jal el Bahar, Lebanon."** (CMES) Talk by Diana Allan, Harvard University, and screening of her latest project "Souhad, 636 Tyre." A Q&A session will follow. Room 020, CGIS South, 1730 Cambridge St., 4 p.m. Free and open to the public. kebrown@fas.harvard.edu, http://cmes.hmdc.harvard.edu.

Tue., April 14—**"Curriculum, Canon, and Interpretive Authority in the Madrasahs of Pakistan."** (CSWR) Shahab Ahmed, Harvard University. Common Room, CSWR, 42 Francis Ave., 5:15 p.m. www.hds.harvard.edu/cswr/events/calendar.html.

Wed., April 15—**"What Just Happened? What's Next?"** (WCFIA's Program on Justice, Welfare, and Economics) Daylong seminar with speakers Sugata Bose, Barry Eichengreen, Linda Gordon, Alexander Julius, Glenn Loury, and Thomas Pogge. Meeting Room, 2 Arrow St., 9 a.m. Free and open to the public. www.wcfia.harvard.edu/jwe.

Wed., April 15—**"Kazakhstan: Road to Independence."** (Davis Center) Ariel Cohen, The Heritage Foundation. Room S354, CGIS South, 1730 Cambridge St., 12:30 p.m. http://daviscenter.fas.harvard.edu.

Wed., April 15—**"Remembering the American War in Viet Nam."** (Radcliffe Institute) Viet Thanh Nguyen, fellow, Radcliffe Institute. Radcliffe Gymnasium, 10 Garden St., Radcliffe Yard, 3:30 p.m. (617) 495-8212, www.radcliffe.edu/events.

Wed., April 15—**"Nicosia: A Story of Conflict and Cooperation."** (Kokkalis Program) Eleni Mavrou, mayor of Nicosia, Cyprus. Fainsod Room L324, Littauer Building, HKS, 79 JFK St., 4:15 p.m. Free and open to the public. www.hks.harvard.edu/kokkalis/.

Wed., April 15—**"The Ritual Use of Animals in Late Shang Funerary Practice: A Zooarchaeological Perspective."** (Anthropology, EALC, Asia Center, GSAS) Li Zhipeng, Beijing University. Room 14A, Peabody Museum, 11 Divinity Ave., 5 p.m. miller9@fas.harvard.edu.

Thu., April 16—**"What Asia Wants from the Obama Administration."** (HKS Asia Programs, Asia Center) The Hon. Surin Pitsuwan, secretary general, Association of Southeast Asian Nations. Malkin Penthouse, fifth floor, Littauer Building, HKS, 79 JFK St., noon. (617) 496-6273.

Thu., April 16—**"China, North Korea, and the Global Economic Crisis."** (Kim Koo Forum) Jae-bang Koh, Korea Institute. Chaired by Jordan Siegel, HBS. Thomas Chan-Soo Kang Room S050, CGIS South, 1730 Cambridge St., 4 p.m.

Thu., April 16—**Founder's Lecture. "Entangled at Catalhöyük: Material Life in the First Cities."** (Peabody Museum) Ian Hodder, Stanford University. Yenching Institute, 2 Divinity Ave., 5:30 p.m. Lecture to follow in the Peabody Museum, 11 Divinity Ave. Free and open to the public. (617) 496-1027, www.peabody.harvard.edu.

Thu., April 16—**"Plots & Provocations: Learning from the Movies."** (HGSE, Askwith Education Forum) Michael Flaherty, president, Walden Media, and John Schreiber, executive vice president, Participant Media. Moderated by Joseph Blatt. Askwith Lecture Hall, Longfellow Hall, Appian Way, 5:30 p.m. Free and open to the public. (617) 384-7479.

Thu., April 16—**"Domestic Violence in Medieval Law and Literature."** (Real Colegio Complutense) Eugene Lacarra, visiting scholar, Romance Languages and Literatures. Real Colegio Complutense, 26 Trowbridge St., 7:30 p.m. Lecture in English. Free and open to the public. www.realcolegiocomplutense.harvard.edu.

classes etc.

Arnold Arboretum offers a series of classes for the general public. (617) 384-5209, arbweb@arnarb.harvard.edu, www.arboretum.harvard.edu.

■ **Volunteer opportunities:** Share your love of trees and nature — volunteer as a School Program Guide at the Arnold Arboretum. You will be trained to lead science programs in the Arboretum landscape with elementary school groups. (617) 384-5239, www.arboretum.harvard.edu/programs/fieldstudy_guides.html.

■ **"Signs of Spring" Free walking tours:** Tours begin again April 11. Come and explore the collections on a free guided tour led by knowledgeable volunteer docents on select Wednesdays, Saturdays, and Sundays through November. Times vary. All tours begin in front of the Hunnewell Building Visitor Center, 125 Arborway, and last approximately 60-90 minutes. No registration necessary. (617) 524-1718, www.arboretum.harvard.edu/visitors/tours.html.

■ **Call for Artists:** The Arnold Arboretum and Jamaica Plain Open Studios are hosting a juried group exhibition devoted to art inspired by the plants, landscape, and collections of the Arnold Arboretum. Artists are welcome to submit work for consideration. Art must be two-dimensional, paintings and prints, appropriately framed, and ready-to-hang. Details and forms available at www.arboretum.harvard.edu/jpos. The deadline is Tue., July 14, at 4 p.m.

■ **Events/Classes**
Thu., April 2—**"50 Favorite Plants with Tracy DiSabato-Aust."** Newton South High School, 140 Brandeis Rd., 7 p.m. Cost is \$15.

Sat., April 18—**"Gardens and Spirituality with Julie Moir Messervy."** Trinity Church, 206 Clarendon St., 2 p.m. Cost is \$20 member; \$25 nonmember.

April 7

Learning From Performers, Office for the Arts, and the Music

Department present a musical conversation with vocalist Aster Aweke Tuesday, April 7. Aweke will discuss her career and creative process and perform vocal selections accompanied by Betelehem Melaku on keyboard and krar. The event will be moderated by Harvard's Kay

Kaufman Shelemay and take place in the New College Theatre Rehearsal Studio, 10-12 Holyoke St., at 3 p.m. Free and open to the public. (617) 495-8676, www.fas.harvard.edu/~ofa.

Sat., May 9—**"An Apple-A-Day: Orchard Intensive with Michael Phillips."** Hunnewell Building, Arnold Arboretum. Workshop 1: "Home Orchard Basics" at 9 a.m. Workshop 2: "Organic Apple Insights" at 1 p.m. Cost is \$70 for both sessions; \$35 morning session only.

The **Center for Workplace Development** offers a wide variety of professional development courses, career development workshops, consulting services, and computer classes to Harvard employees. State-of-the-art training and conference rooms are available to rent at CWD's 124 Mt. Auburn St. location as well. Go to http://harvie.harvard.edu/learning/cwd to view a complete list of programs and services, or contact CWD at (617) 495-4895 or training@harvard.edu.

Committee on the Concerns of Women at Harvard holds meetings throughout the year. www.atwork.harvard.edu, http://harvie.harvard.edu. E-mail ccw@harvard.edu for registration and details.

CPR and First Aid Programs. Call (617) 495-1771 to register.

Environmental Health and Safety (Harvard Longwood Campus) safety seminars/orientation for Medical Area lab researchers are offered on the third Thursday of each month, noon-2:30 p.m. Topics include: Laboratory Safety, Bloodborne Pathogens, Hazardous Waste. (617) 432-1720, www.uos.harvard.edu/ehs. Beverages provided.

Harvard Ballroom dance classes are offered by the Harvard Ballroom Dance Team throughout the year. Salsa, Swing, Waltz, Tango, Foxtrot, Rumba, and Cha Cha are just some of the dances you can learn. No partner or experience is necessary. For more information, including class descriptions and pricing, visit www.harvardballroom.org.

Harvard Contemporary Gamelan is open to Harvard students, faculty, staff, and other community members. Join us Thursdays for a new music adventure and be part of creating the Music Department's new orchestra. Lower main floor, Gamelan Music Room, SOCH/Hilles, 7 p.m. To sign up, e-mail diamond2@fas.harvard.edu.



Harvard Extension School Career and Academic Resource Center. (617) 495-9413, ouchida@hudce.harvard.edu.

Harvard Green Campus Initiative offers classes, lectures, and more. Visit www.greencampus.harvard.edu for details.

Harvard Medical School's Research Imaging Solutions. (617) 432-2323, ris@hms.harvard.edu, http://it.med.harvard.edu/training.

■ Fri., April 10—**"Harnessing the Power of PhotoShop."** Room 318, Goldenson, HMS, noon. Free and open to Harvard employees and HMS affiliates. No registration required. Handouts can be downloaded at http://it.med.harvard.edu/ris.

■ Thu., April 23—**"Creating Figures for Presentations and Publications Using PhotoShop and PowerPoint."** Countway Library of Medicine Electronic Classroom, 9 a.m. Prerequisites: Basic computer skills and some familiarity with PowerPoint. Free and open to Harvard employees and HMS affiliates. Classes are limited to six students and fill up quickly; registration required at http://it.med.harvard.edu/pg.asp?pn=training_classes.

Harvard Museum of Natural History offers a variety of programs based on the Museum's diverse exhibits. The entrance for all programs is 26 Oxford St. **Enrollment is limited, and advance registration is required.** Sign up for three or more classes and get an extra 10 percent off. Wheelchair accessible. (617) 495-2341, www.hmn.harvard.edu.

■ **Volunteer opportunity**
HMNH seeks volunteers who are enthusiastic about natural history and would enjoy sharing that excitement with adults and children. No special qualifications required. Training is provided. Just one morning or afternoon per week or weekend required. More info: volunteers@oeb.harvard.edu.

■ **Ongoing programs**
Discovery Stations in "Arthropods: Creatures that Rule" let you observe and learn about live animals, artifacts, and specimens, while **Gallery Guides** answer questions and help visitors learn about the natural world. Wednesday afternoons, Saturday, and Sunday. General museum admission.

Nature Storytime features readings of stories and poems for kids ages 6 and under. Saturdays and Sundays, 11 a.m. and 2 p.m.

■ Special events

Sun., April 5—**"2009 Roger Tory Peterson Medal Recipient and Memorial Lecture."** Russell Mittermeier, wildlife biologist, is honored and will give a lecture titled "Conserving the World's Biodiversity: How the Climate Crisis Could Both Hurt and Help." Science Center, 1 Oxford St., 3 p.m. Tickets are \$6 general; \$4 Harvard ID holders; and free for museum members. Advance tickets required. Harvard Box Office (617) 496-2222, http://ofa.fas.harvard.edu/tickets/details.cfm?EVENT_ID=40059.

Harvard Neighbors offers a variety of programs and events for the Harvard community. (617) 495-4313, neighbors@harvard.edu, www.neighbors.harvard.edu.

Harvard School of Public Health

■ Mon., June 8-Fri., June 12—**"Ethical Issues in Global Health Research Workshop."** Intensive 5-day seminar on key topics, including ethical guidelines for research involving human subjects, confidentiality, conflict of interest, and scientific misconduct. Room 636, FXB Building, 651 Huntington Ave., 8 a.m.-6 p.m. daily. Course fee of \$1,950 (\$300 nonrefundable deposit due upon acceptance) includes daily continental breakfasts and breaks, special function in Harvard Faculty Club, comprehensive reference manual and CD, and a Harvard certificate of attendance. Early bird discount of \$150 for full payment by April 15. For more information on costs, scholarship assistance, and programming, visit www.hsph.harvard.edu/bioethics. (617) 432-3998, mclark@hsph.harvard.edu.

Harvard Swim School offers swimming and diving lessons for children and adults. Classes are held Saturday mornings from April 4 to May 9 in the Blodgett Pool in the Malkin Athletic Center. (617) 496-8790, www.athletics.harvard.edu/swimschool/.

The Landscape Institute, 30 Chauncy St., 1st floor. (617) 495-8632, landscape@arnarb.harvard.edu, www.landscape.arboretum.harvard.edu.

■ **Summer 2009 registration** is open for enrollment. Classes begin June 1.

■ **Open Studio Design Lab** is a weekly opportunity to hone design and technical skills in an informal, problem-specific format. Open every Friday, 9 a.m.-4:30 p.m. Private one-on-one mentoring \$50/hr.; drop-in alumni and student charge (fee per visit) \$10; drop-in rate for current certificate candidates is free. **Registration:** Participants should stop by the office and visit the registrar to pay. For private sessions, contact weinmayr@rcn.com. Upcoming topics:
Fri., April 3—Site Design
Fri., April 10—Contract Documents
Quick Model
Fri., April 17—Construction Drawings
Fri., April 24—Computer Graphics
AutoCAD Basics

■ **Classes**
Sat., March 28-Tue., April 7—**"In the Garden' Online Auction to Benefit Community Greenspaces."** Accepting bids through April 7. Items include hand-crafted ornaments, garden-inspired art, wine and food, and more. Visit www.cogdesign.org to view and bid on items. (781) 642-6662, info@cogdesign.org.

Thu., April 2—**"Interdisciplinary Design: From Boston to Beijing."** A NELDHA dinner, lecture, and annual meeting with Alan L. Ward, FASLA, and Peter Hedlund, ASLA. Radcliffe Gymnasium, 10 Garden St., Radcliffe Yard, 7 p.m. Reception prior to the event at 5:30 p.m. Lectures to follow dinner. Tickets are \$50 members; \$60 guests. Reservations by March 28 required. (617) 782-4754, jporter5@comcast.net.

Tue., April 14—**"Failure to Communicate: How Conversations Go Wrong and What You Can Do to Right Them."** Holly Weeks, Landscape Institute. Lecture at 5:30 p.m., followed by a book signing. Free and open to the public. Seating is limited. Please RSVP to landscape@arnarb.harvard.edu.

Thu., April 23—**"Fresh Pond: The History of a Cambridge Landscape."** Jill Sinclair, writer and Landscape Institute graduate. Opening reception at 5:30 p.m., lecture at 6 p.m. Free and open to

the public. Seating is limited. Please RSVP to landscape@arnarb.harvard.edu.

Mather House Chamber Music offers a fun, informal way to play music with other people. Coaching is available for string instruments, woodwinds, piano, harpsichord, Baroque ensembles, and singers. Ensembles are grouped according to the level of participants and availability of instruments. Sessions are scheduled at the mutual convenience of participants and coach. Everybody is invited to play in the concert at Mather, and there are various additional performance opportunities. Three special ensembles are offered: consorts of recorders, flutes, and viola da gamba. Fee: \$100 per semester. (617) 244-4974, lion@fas.harvard.edu, www.people.fas.harvard.edu/~lion/mather.

Mather House Pottery Class began on Tue., Feb. 10, and will meet weekly on Tuesday evenings from 7-9 p.m. in the Mather House Pottery Studio. The 10-session course is designed for all levels of experience. Led by Pamela Gorgone. Cost is \$65, Harvard affiliates; \$55, Mather residents. The fee includes the Tuesday night classes, all clay and glazes, and studio access. If interested, call (617) 495-4834.

Office for the Arts offers several extracurricular classes designed to enhance the undergraduate experience. (617) 495-8676, ofa@fas.harvard.edu, www.fas.harvard.edu/ofa.

Learning from Performers

■ Tue., April 7—**"A Musical Conversation with Vocalist Aster Aweke."** Aster Aweke discusses her career and creative process and performs vocal selections accompanied by Betelehem Melaku on keyboard and krar. Moderated by Kay Kaufman Shelemay, Harvard University, New College Theatre Rehearsal Studio, 10-12 Holyoke St., 3 p.m. Free and open to the public. Also sponsored by the Music Department.

■ Fri., April 17—**"A Conversation with Roy Haynes."** Percussionist Roy Haynes, moderated by Bob Blumenthal, author and creative consultant. Lowell Hall, Kirkland and Oxford streets, 4 p.m. Admission is free and open to the public. Also sponsored by the Harvard Jazz Bands.

■ Sat., April 18—**"Cracklin' with Roy: Honoring Roy Haynes."** Tribute concert with Harvard Jazz Bands, Roy Haynes, and guest artist trumpeter Roy Hargrove. Sanders Theatre, 8 p.m. Tickets are \$15 general; \$8 students/senior citizens. Harvard Box Office (617) 496-2222, www.boxoffice.harvard.edu. Also sponsored by the Harvard Jazz Bands.

■ Thu., April 30—**"The 2009 Harvard Arts Medal Ceremony Honoring Poet John Ashbery."** Actor John Lithgow '67 hosts event honoring poet John Ashbery '49; moderated by poet Dan Chiasson, GSAS '01, Wellesley College; presented by Harvard President Drew Faust. New College Theatre, 10-12 Holyoke St., 5 p.m. Free admission; tickets required (limit 2 per person). Harvard Box Office (617) 496-2222, www.boxoffice.harvard.edu. Also sponsored by the Board of Overseers of Harvard College.

Office for the Arts, Ceramics Program provides a creative learning environment for a dynamic mix of Harvard students, staff and faculty, professional artists, and the greater Boston and international community. www.fas.harvard.edu/ceramics.

■ Sat., April 4—**"Silver Clay with Alexandra Daini."** Workshop exploring basic fabrication techniques and many creative possibilities for modeling a material that transforms into 99.9 per cent fine silver. Limited enrollment to 20 people. Ceramics Program, 219 Western Ave., 10 a.m.-3 p.m. Materials fee of \$17; workshop fee of \$40 for those currently registered in Ceramics Program; \$80 general. Check or cash due day of workshop. To register, e-mail panepint@fas.harvard.edu.

■ Sun., April 5—**"Combining Silver Clay and Ceramics."** Prerequisite: previous experience with metal clay. Learn creative possibilities for working with silver clay alone in combination with ceramics. Students will create a hollow silver clay piece and two pieces that combine ceramics with silver clay. Limited enroll-

ment to 12 people. Ceramics Program, 219 Western Ave., 10 a.m.-3 p.m. Materials fee of \$35; workshop fee of \$40 for those currently registered in Ceramics Program; \$80 general. Check or cash due day of workshop. To register, e-mail panepint@fas.harvard.edu.

■ Thu., April 23—**"Fukami, Sueharu: Celadon Sculpture."** Fukami Sueharu, prominent porcelain artist. Ceramics Program, 219 Western Ave., 10 a.m.-noon. Cost is \$5 Harvard students; \$10 Ceramics Program and Harvard affiliates; \$15 general. Write check to Harvard University and mail to Ceramics Program. RSVP to selvage@fas.harvard.edu.

Office of Work/Life Resources. All programs meet noon-1 p.m. unless otherwise noted. Various places. Register for workshops at [http://harvie.harvard.edu/courses/display.do?value\(application_id\)=3](http://harvie.harvard.edu/courses/display.do?value(application_id)=3). Call (617) 495-4100 or e-mail worklife@harvard.edu with questions. See also support/social listings. <http://harvie.harvard.edu/workandlife>.

Office of Work and Family (Longwood Area). All programs meet noon-1:30

and Voltaire Sterling, actor. G entry, Dunster House Dining Hall, Cowperthwaite St., 5:30 p.m. Tickets are \$10 general; \$5 Harvard ID. Undergraduates, graduate students, and faculty are all welcome. Harvard Box Office (617) 496-2222, www.boxoffice.harvard.edu.

computer

Harvard's **Computer Product & Repair Center** has walk-in hours Mon., Tue., Thu., and Fri., 9 a.m.-5 p.m.; Wed., 10 a.m.-5 p.m. Closed Sat. and Sun. Science Center B11. (617) 495-5450, www.computers.harvard.edu.

The Harvard College Library offers hands-on instruction in using the HOLLIS Portal Page (the Web gateway to over 1,300 electronic resources), the HOLLIS Catalog (for materials owned by Harvard libraries), and Advanced HOLLIS subject sections each semester. http://hcl.harvard.edu/widener/services/research/hollis_instruction.html.

special events

Thu., April 2—**"A Conversation with the**

and Voltaire Sterling, actor. G entry, Dunster House Dining Hall, Cowperthwaite St., 5:30 p.m. Tickets are \$10 general; \$5 Harvard ID. Undergraduates, graduate students, and faculty are all welcome. Harvard Box Office (617) 496-2222, www.boxoffice.harvard.edu.

Fri., April 3—**"Identities Promo Party."** (Harvard-Radcliffe Asian American Association) Event details TBA. Mather House Dining Hall, 10 Cowperthwaite St., 10 p.m. Tickets \$2; available at the door. Harvard ID only. Harvard Box Office (617) 496-2222, www.boxoffice.harvard.edu.

Fri., April 3-Sat., April 4—**"Wandering Through the Wonders: CityStep's 26th Annual Show."** (Harvard CityStep) A showcase of dance collaboration between Cambridge public school students and Harvard undergraduates. Citysteppers recreate prehistoric architectural treasures, contemporary engineering feats, and awing aspects of our planet from the depths of the ocean to the heights of our upper atmosphere. Cambridge Rindge & Latin High School, 459 Broadway, 7 p.m., with a Saturday

son per ID). Harvard Box Office (617) 496-2222, www.boxoffice.harvard.edu.

Mon., April 6-Thu., April 9—**"Brazilian Immigration to the U.S.: Linking Theory and Action."** (DRCLAS Brazil Studies Program, Romance Languages and Literatures) Mon., 6 p.m.-8 p.m.: Opening and welcome by Clémence Jouet-Pastré, and guest speaker Carlos Lupi, Ministro do Trabalho. Tue., 6-8 p.m.: "Politics of Reality? Immigration Laws in the Obama Era," Marcony Almeida. Wed., 6-8 p.m.: "The Present and the Future of the Brazilian Community: Trends and Issues for Youth," Heloísa Galvão and Leticia J. Braga. Thu., 5-8 p.m.: "Media Coverage of Brazilian Immigrant Health in Massachusetts" and "The Mental Health of Brazilian Immigrants in Massachusetts," panel discussions. All events held in the Belfer Case Study Room, CGIS South, 1730 Cambridge St. Free and open to the public. www.drclas.harvard.edu/brazil.

Tue., April 7—**"A Musical Conversation with Vocalist Aster Aweke."** (Learning From Performers, OfA, Music) Aster Aweke discusses her career and creative process and performs vocal selections accompanied by Betelehem Melaku on keyboard and krar. Moderated by Kay Kaufman Shelemay, Harvard University, New College Theatre Rehearsal Studio, 10-12 Holyoke St., 3 p.m. Free and open to the public. (617) 495-8676, www.fas.harvard.edu/~ofa.

Sun., April 12—**"Africa Night: Letha Umilo — Bring the Fire!"** (Harvard African Students Association, Harvard African Law Association, HKS African Caucus, HGSE's Voices of Africa) A night of dance, music, comedy, and fashion. Sanders Theatre, 7 p.m. Tickets are \$8 general; \$5 student. Harvard Box Office (617) 496-2222, www.boxoffice.harvard.edu. www.africaweekatharvard.edu.

Fri., April 17—**"A Conversation with Roy Haynes."** (OfA, Harvard Jazz Bands) Percussionist Roy Haynes, moderated by Bob Blumenthal, author and creative consultant. Lowell Hall, Kirkland and Oxford streets, 4 p.m. Admission is free and open to the public. (617) 495-8676, www.fas.harvard.edu/ofa.

Sat., April 18—**"Cracklin' with Roy: Honoring Roy Haynes."** (OfA, Harvard Jazz Bands) Tribute concert with Harvard Jazz Bands, Roy Haynes, and guest artist trumpeter Roy Hargrove. Sanders Theatre, 8 p.m. Tickets are \$15 general; \$8 students/senior citizens. Harvard Box Office (617) 496-2222, www.boxoffice.harvard.edu.

Thu., April 23—**"Ancient Israelite Daily Life."** (Semitic Museum) Family program on how the Israelites made bread, and the everyday life of the average villager some 2,700 years ago. Children will be invited to handle original potsherds and try to match them with whole vessels on display. 6 Divinity Ave., 11 a.m. and 1 p.m. Registration required; limited to 15; \$2 per child. Appropriate for grades 3-6. (617) 495-4631, davis4@fas.harvard.edu.

Tue., April 28—**"The Phillips Brooks House Association's Auction for the Summer Urban Program."** (PBHA) Event to help support PBHA's 12 summer camps serving more than 900 children and youth in Boston and Cambridge. Cambridge Queen's Head Pub, 5:30 p.m. Silent auction from 5:30-7:30 p.m. with food, drinks, and live jazz; live auction of 10 items begins at 7:30 p.m. Featuring a welcome by Dean Evelyn Hammonds; auctioneer Livingston Taylor; and honorees Boston Councilor Sam Yoon and Cambridge Assistant City Manager Ellen Semonoff. Advance reservations are \$30; admission at the door is \$20. Harvard Box Office (617) 496-2222, www.boxoffice.harvard.edu. For a complete list of details, visit www.pbha.org/auction.

Thu., April 30—**"The 2009 Harvard Arts Medal Ceremony Honoring Poet John Ashbery."** (OfA, Board of Overseers of Harvard College) Actor John Lithgow '67 hosts event honoring poet John Ashbery '49; moderated by poet Dan Chiasson GSAS '01, Wellesley College; presented

(Continued on next page)



Still from Zhao Xun's 'Two Seasons (Liang ge Jijie)'

April 9-11

'Emergent Visions: Independent Documentaries from China' features film screenings, directors' talks, and

panel discussions Thursday, April 9-Saturday, April 11. See film, page 17, for more information.

p.m. unless otherwise noted. Various places. Feel free to bring a lunch. (617) 432-1615, barbara_wolf@hms.harvard.edu, www.hms.harvard.edu/hr/owf.html.

■ Fri., April 3—**"Handling Your Child's Anger Constructively."** Patty Marquis, parent educator.

■ Tue., April 7—**"Around the Home in 60 Minutes: Conserve Energy, Save \$\$, and Breathe Easier."** Laura Kischitz, president, Peaceful Concepts.

■ Fri., April 10—**"Surviving the Teen Years."** Barbara Meltz, former Boston Globe parenting columnist.

■ Thu., April 30—**"Buying Your First Home."** Lynn King, Coldwell Banker Residential Brokerage Relocation Services.

Records Management Office, part of the Harvard University Archives, offers important workshops to help staff in charge of keeping the University's files in order. (617) 495-5961, rmo@hulmail.harvard.edu, <http://hul.harvard.edu/rmo>.

Semitic Museum at Harvard University, 6 Divinity Ave. (617) 495-4631, <http://www.fas.harvard.edu/~semitic>.

■ Thu., April 23—**"Ancient Israelite Daily Life."** Family program on how the Israelites made bread, and the everyday life of the average villager some 2,700 years ago. Children will be invited to han-

President." (GSAS Student Council) A town-hall like discussion with President Faust, moderated by GSC president Kyle Brown. Common Room, Dudley House, 4 p.m.

Thu., April 2—**"Ordinary Heroes for Extraordinary Times."** (Cambridge Forum) Amy Goodman, award-winning journalist, and her brother David Goodman, investigative reporter. First Parish, 3 Church St., 7:30 p.m. A reception with the Goodmans precedes the program at 6:30 p.m. Tickets are \$15 general; \$10 students/Forum members; \$15 at the door. To purchase tickets, call (617) 495-2727. www.cambridgeforum.org.

Fri., April 3—**"A Reading of T.S. Eliot's 'The Waste Land' and Other Poems."** (English, OfA, Office of the President and Provost) Actors Dame Eileen Atkins and Brian Dennehy read Eliot's "The Waste Land" and other poems. Introduced by novelist Josephine Hart. New College Theatre, 10-12 Holyoke St., 5 p.m. Reception to follow. Tickets are free and available through the Harvard Box Office (617) 496-2222, www.boxoffice.harvard.edu.

Fri., April 3—**"The Ruffin Dinner."** (Harvard College Black Pre-Law Association) BPLA honors David Dinkins, former mayor of New York,

3 p.m. matinee. Tickets are \$8 general; \$5 students/senior citizens/Harvard ID. Harvard Box Office (617) 496-2222, www.boxoffice.harvard.edu.

Sat., April 4—**"Nightmarket: Taste of Taiwan."** (Harvard Taiwanese Cultural Society) Featuring Taiwanese performance groups, activities, and an immense variety of cultural foods. Quincy House Dining Hall, 58 Plympton St., 8 p.m. Tickets are \$7. Harvard Box Office (617) 496-2222, www.boxoffice.harvard.edu.

Sat., April 4-Sun., April 5—**"Ice Chips 2009."** (Harvard School of Dental Medicine) The Skating Club of Boston presents annual ice skating show. Bright Hockey Center, 79 North Harvard St., 1 p.m. and 7 p.m. performance times on Saturday; 3 p.m. on Sunday. Tickets are \$20 general; \$15 Harvard ID holders; \$12.50 college students. Harvard Box Office (617) 496-2222, www.boxoffice.harvard.edu.

Sun., April 5—**"Boston Crossword Puzzle Tournament."** (Harvard College Crossword Society) Featuring guest speaker Will Shortz, editor of The New York Times crossword. Lecture Hall C, Science Center, 1 Oxford St., 1 p.m. No prior experience required; newcomers encouraged. Tickets are \$10 general; free with Harvard ID (1 ticket per per-

(Continued from previous page)

by Harvard President Drew Faust. New College Theatre, 10-12 Holyoke St., 5 p.m. Free admission; tickets required (limit 2 per person). Harvard Box Office (617) 496-2222, www.boxoffice.harvard.edu.

fitness

Harvard Wellness Programs

For a recorded listing of programs, (617) 495-1771.

For a registration form, (617) 495-9629, www.huhs.harvard.edu.

Massage Therapy, 1-Hour Appointments

One-hour appointments with Licensed Massage Therapists Mondays-Fridays, afternoon and evening appointments, limited morning appointments Saturdays, morning, afternoon, and evening appointments Sundays, morning and afternoon appointments
75 Mt. Auburn St., HUHS
Call (617) 495-9629 to arrange
Fee is \$60/hr; \$40/hr for HUGHP members

Massage Therapy, 1/2-Hour Appointments

1/2-hour appointments with Licensed Massage Therapists Wednesdays and Thursdays, 9 a.m.-noon
75 Mt. Auburn St., 2E, HUHS
Call (617) 495-9629 to arrange
Fee is \$37/half-hr; \$25/half-hr for HUGHP members

Lunchtime Massage Therapy Break at HUHS

Ten-minute appointments with Licensed Massage Therapists Mondays, noon-2 p.m. at the HUHS Pharmacy in Holyoke Center Wednesdays, 11 a.m.-2 p.m. at CWHC, 2E, HUHS
Thursdays, 5:30-7:30 p.m. at Hemenway Gym
Fridays from 11 a.m.-2 p.m. at the HUHS Pharmacy in Holyoke Center
Call (617) 495-9629 to arrange
Fee is \$10/10 minutes

On-Site Massage Therapy or Shiatsu

10-minute appointments with Licensed Massage Therapists
Call (617) 495-9629 to arrange
Fee is \$10 per person for 10 minutes; minimum of six people

Shiatsu (Acupressure)

One-hour appointments with Karl Berger, OBT, LMT
Mondays, 6, 7, and 8 p.m.
75 Mt. Auburn St., 5th floor, HUHS
Call (617) 495-9629 to arrange
Fee is \$60/hr; \$40/hr for HUGHP members

Reiki

One-hour appointments with Farris Ajalat, Judy Partington, & Lisa Santoro, LMTs
Tuesdays, Wednesdays, Thursdays, Saturdays
75 Mt. Auburn St., 2E, HUHS
Call (617) 495-9629 to arrange
Fee is \$60/hr; \$40/hr for HUGHP members

Active Release Technique (ART)

One-hour appointments with a Licensed Massage Therapist
Sundays and Mondays, mid-day, afternoon and evening appointments
75 Mt. Auburn St., 2E, HUHS
Call (617) 495-9629 to arrange
Fee is \$60/hr; \$40/hr for HUGHP members

Acupuncture, 1-Hour Appointments

One-hour appointments with Jeffrey Matrician, Lic. Ac.
Tuesdays and Fridays, morning and afternoon appointments
75 Mt. Auburn St., 2E, HUHS
Call (617) 495-9629 to arrange (clinician clearance required)
Fee is \$75/hr; \$40/hr for HUGHP members

Tobacco Cessation Classes are offered weekly at the Dana-Farber Cancer Institute, dates and times may vary. Fee: \$10 per class, and nicotine patches are available at a discounted rate. (617) 632-2099.

Weight Watchers at Work classes are available. (617) 495-9629.

Weight Watchers@Work at HDS classes are available Tuesdays, 1:15-2 p.m. at the Center for the Study of World Religions, 42 Francis Ave. The cost for the series of 12 meetings is \$156. (617) 495-4513, srom@hds.harvard.edu.

religion

The Memorial Church

Harvard Yard (617) 495-5508
www.memorialchurch.harvard.edu
Handicapped accessible

Sunday Services

During the academic year, Sunday services are broadcast on Harvard's radio station, WHRB 95.3 FM. For those outside the Cambridge area, WHRB provides live Internet streaming from its Web site at www.whrb.org. Services take place at 11 a.m.

April 5—The Rev. Peter J. Gomes, Plummer Professor of Christian Morals and Pusey Minister in the Memorial Church

April 12—The Rev. Peter J. Gomes, Plummer Professor of Christian Morals and Pusey Minister in the Memorial Church

Morning Prayers

A service of Morning Prayers has been held daily at Harvard since its founding in 1636, and continues to be held in Appleton Chapel from 8:45-9 a.m., Mon.-Sat. A brief address is given by members and friends of the University, with music provided by the Choral Fellows of the Harvard University Choir. On Saturdays, the music is provided by soloists, small ensembles, or instrumentalists. This service, designed to enable students and faculty to attend 9 a.m. classes, is open to all.

Thu., April 2—The Reverend Benjamin J. King, Harvard Chaplains
Fri., April 3—Barbara J. Grosz, dean, Radcliffe Institute for Advanced Study
Sat., April 4—Taylor Lewis Guthrie '10, Harvard University
Mon., April 6-Sat., April 11—"Holy Week" with The Reverend Dr. Joan Brown Campbell, the Memorial Church
Mon., April 13—Jonathan M. Roberts '09, Harvard College
Tue., April 14—Rahul Prabhakar '09, Harvard College
Wed., April 15—Sister Carolyn Darr, The Society of St. Margaret
Thu., April 16—Arthur Kleinman, Harvard University

Lent 2009 Schedule

■ Sun., April 5—**Holy Communion** will be offered each Sunday 8:30 a.m. by The Rev. Peter J. Gomes. On all other Sundays of Lent, including the Sunday of the Passion, a service of Holy Communion will be offered in the sanctuary, followed by a free continental breakfast in the Pusey Room at 9 a.m. All are invited.

■ Thu., April 2, 9—**Christian Education Course** takes place on Thursdays during Lent at 7 p.m. in the Pusey Room. Speakers include The Rev. Jonathan Page, The Rev. Dr. Benjamin King, and fellow seekers. Open to all, and required of adult candidates for Easter baptism. jonathan_page@@harvard.edu.

■ Also on Thursdays, the **Lenten Speaker Series** focuses on the least well-defined persons of the Trinity, the Holy Spirit. Speakers include The Right Rev. Thomas Shaw, Charles Stang, and others. The series will be held in the Pusey Room at 8 p.m.

Holy Week Schedule

■ Thu., April 9—**The Liturgy of the Day and Holy Communion**, noon.

■ Fri., April 10—**Good Friday, The Preaching of the Passion**, noon. Based on the Seven Last Words from the Cross, this service consists of nine portions of 20 minutes. The Rev. Peter J. Gomes will preach.

■ Sat., April 11—**Holy Saturday or Easter Even**. The Great Vigil of Easter, Baptism of New Christians, and the First Eucharist of Easter.

Compline

The ancient service of Compline is held

one Thursday a month during term. Based upon the traditional evening liturgy of scripture, music, prayers, and silence, this twenty-minute service is sung in the candlelit space of Appleton Chapel by members of the Harvard University Choir. All are welcome.

■ Thu., April 2, and May 7, at 10 p.m.

Church School

Offering Christian education classes for children ages one through 12. Classes are held in the Buttrick Room from 10:50 a.m. to 12:15 p.m., during Sunday services. All children are welcome. tguthrie@hds.harvard.edu.

Faith & Life Forum

Issues of faith in devotional and public life explored. Meetings take place Sundays at 9 a.m. with continental breakfast and conversation, followed by a speaker and program from 9:30-10:30 a.m. daustin@fas.harvard.edu.

Harvard University Choir

Music in The Memorial Church is provided by the Harvard University Choir, whose members are undergraduate and graduate students in the University. Weekly rehearsals are held from 5 p.m. to 6:30 p.m. on Tuesdays and Thursdays.

Sunday Night Student Service

All undergraduate and graduate students are welcome to attend a worship service every Sunday night at 9 p.m. in Appleton Chapel with the Rev. Jonathan C. Page. The service lasts 45 minutes and includes weekly Eucharist, singing, and student participation. Students are encouraged to come dressed as they are and are invited to remain for food and fellowship. E-mail jonathan_page@harvard.edu for details.

Wednesday Tea

On Wednesdays during term, Professor Gomes welcomes undergraduates, graduate students, and visiting scholars to afternoon tea from 5-6 p.m. at his residence, Sparks House, 21 Kirkland St., across from Memorial Hall.

Young Women's Group

Seeks to serve all young college women of Harvard with faith journeys, theological inquiries, and the happenings within our lives. Meetings take place Mondays at 9 p.m. in the Buttrick Room, Memorial Church. tguthrie@hds.harvard.edu.

Undergraduate Fellowship

An opportunity for students to meet, enjoy food, and discuss faith. Meetings take place Wednesdays at 9:30 p.m. in the Buttrick Room, Memorial Church. E-mail jonathan_page@harvard.edu for details.

Undergraduate Retreat

Travel to Duxbury, Mass., for a 24-hour spiritual getaway by the shore. The retreat will be in April, date TBA. To sign up, e-mail jonathan_page@harvard.edu.

Graduate Fellowship

A new fellowship group for graduate students with discussions, food, contemplative worship, and more. Meetings take place Thursdays at 7 p.m. in the Buttrick Room, Memorial Church. E-mail Robert_mark@harvard.edu.

Berkland Baptist Church

99 Brattle St., Harvard Sq.
(617) 828-2262, dancho@post.harvard.edu
■ Sunday School: Sun., 12:15 p.m.
■ Worship Service: Sun., 1 p.m.
Berkland Baptist Church is a community of faith, primarily comprised of young Asian American students and professionals.

Cambridge Forum

The First Parish in Cambridge, Unitarian Universalist, 3 Church St., (617) 495-2727, www.cambridgeforum.org.

Christian Science Organization meets in the Phillips Brooks House every Tue. at 7 p.m. for religious readings and testimonies. (617) 876-7843.

The Church at the Gate

Sunday services: 4 p.m.
www.thechurchatthegate.com
The Church at the Gate will see people

of all nations transformed by faith in Jesus Christ as we love and serve God and people in the strategic context of the city and the university.

The Church of Jesus Christ of Latter-day Saints

2 Longfellow Park (located at about 100 Brattle St.)
Sunday Worship Services: 9:30 a.m., 11:30 a.m., 2 p.m., 3:50 p.m.
All are welcome. The congregations that meet at these times are composed of young, single students and professionals. For information on family congregation meeting places and times, or for information on other classes and events, e-mail ldsostoninstitute@yahoo.com.

Congregation Lion of Judah

Spanish/English bilingual services
68 Northampton St., Boston, Mass.
(617) 541-4455, info@leondejuda.org, www.leondejuda.org
■ Sunday services: 9 a.m. and noon
■ Adult Discipleship School: Sundays 10 a.m. and noon
■ Kidz for Children: Sundays 10 a.m. and noon

Congregation Ruach Israel

A Messianic Jewish Synagogue
754 Greendale Ave., Needham, MA
Shabbat services, Saturday morning at 10 a.m.
Call (781) 449-6264 or visit www.ruachisrael.org for more information. Rides from Harvard Square available upon request.

Divinity School Chapel

45 Francis Ave. (617) 495-5778
www.hds.harvard.edu
Services are held during the fall and spring terms only.
■ HDS Wednesday Noon Service: 12:10 p.m. (617) 384-7571, jvonwald@hds.harvard.edu
■ HDS Thursday Morning Eucharist: 8:30-9 a.m.

Dzogchen Center Cambridge meets every Monday evening at 7:30 p.m. for Tibetan Buddhist Dzogchen practice at Cambridge Friends Meeting House, Longfellow Park, off Brattle St. (718) 665-6325, www.dzogchen.org/cambridge.

Episcopal Divinity School

"Introductory Meditation Classes: Finding Peace in a Busy World."
Introduction to basic Buddhist philosophy and meditation. Each class includes a brief talk, guided meditation, and time for questions. Taught by Gen Kelsang Choma, American Kadampa Buddhist nun, resident teacher of Serlingpa Meditation Center. Burnham Chapel, Episcopal Divinity School, 99 Brattle St., 10:30 a.m.-noon. \$10 suggested donation. epec@serlingpa.org, www.MeditationinBoston.org.

First Baptist Church in Newton

848 Beacon St.
Newton Centre, MA 02459
(617) 244-2997
www.fbcnewton.org
Sunday worship at 10:30 a.m.; Sunday School at 9:30 a.m.
Corner of Beacon and Centre streets, accessible via MBTA's D Line, two blocks from the Newton Centre stop.

First Congregational Church Somerville

UCC is a progressive community rich in young adults. Come Sunday mornings at 10 a.m. for creative worship and fellowship, or Wednesdays at 6:15 p.m. for Rest and Bread, a reflective communion and prayer service. www.firstchurch-somerville.org.

First Reformed Presbyterian Church of Cambridge (RPCNA)

53 Antrim St.
Cambridge, MA 02139
(617) 864-3185
www.reformedprescambridge.com
Sunday worship at 11 a.m. and 6 p.m. Christian counseling available by appointment.

First United Presbyterian Church (PCUSA)

1418 Cambridge St.
Inman Square
(617) 354-3151
www.cambridgepres.com
Sunday Worship at 10 a.m.

Weekly small group for young adults; palikk@fas.harvard.edu.

Fo Guang San 'V International Buddhist Progress Society holds a traditional service every Sunday at 10 a.m. with a free vegetarian lunch. 950 Massachusetts Ave. Open Mon.-Sun., 10 a.m.-6 p.m. for meditation. (617) 547-6670.

Grace Street Church holds a Sunday evening service at 6 p.m. in the ballroom of the Sheraton Commander Hotel, 16 Garden St. All are welcome. (617) 233-9671, www.gracestreet.org.

Harvard Buddhist Community Chaplain Lama Migmar Tseten offers teachings and meditation sessions at the Sakya Institute for Buddhist Studies, 59 Church St., Unit 3, Harvard Square. (617) 256-3904, migtse@earthlink.net, www.sakya.net.

■ Sundays: "In-Depth Teachings on the Four Noble Truths," 10 a.m.-noon.

■ Tuesdays: Mind training course, "Seven Points of Mind Training," 6-7 p.m. (practice), 7:30-9 p.m. (class).

■ Fridays: "Uttaratantra," 6-7 p.m. (practice), 7:30-9 p.m. (class).

Harvard Unitarian Universalist Ministry for Students

Weekly worship: Fridays at 12:15 p.m. Services are held during the fall and spring terms only. The first Friday of the month meet in Emerson Chapel, Divinity Hall. The remaining Fridays meet in Andover Chapel, Andover Hall. All are welcome. <http://groups.yahoo.com/group/huums/>.

Hope Fellowship Church holds worship service Sundays at 9 a.m. and 11 a.m., 16 Beech St. (617) 868-3261, www.hopefellowshipchurch.org.

Old South Church, United Church of Christ, Congregational

Copley Square, (617) 425-5145, helen@oldsouth.org
■ Sundays: 9 a.m. early service; 11 a.m. sanctuary service with organ and choir
■ Thursdays: Jazz worship service at 6 p.m.

St. Mary Orthodox Church

8 Inman St., Cambridge
(617) 547-1234
<http://www.stmaryorthodoxchurch.org/>
■ Sunday Orthros: 8:45 a.m.
■ Sunday Divine Liturgy: 10 a.m.
■ Great Vespers: Saturdays at 5 p.m.

St. James Episcopal Church

1991 Massachusetts Ave. (2 blocks beyond Porter Square T station)
www.stjames-cambridge.org
Sunday services at 8 a.m. (Rite 1) and 10:30 a.m. (Rite 2)
A musically vibrant, eucharist-centered, welcoming, and diverse congregation.

St. Peter's Episcopal Church

(617) 547-7788, www.saintpeterscambridge.org
Located at 838 Massachusetts Ave. in Central Square.
■ Morning prayer services, weekdays at 8 a.m.
■ Evening worship, Wednesdays, at 6 p.m., followed by a meal and forum.
■ Sunday services are 8 a.m. contemplative service, and 10:30 a.m. sung Eucharist with Sunday School. Open to all.

Unity Center Cambridge

Sunday services: 11 a.m. (meditation at 10:30 a.m.)
Morse School Theater, 40 Granite St., Cambridgeport (accessible by red line, green line and buses), www.unitycambridge.org
Unity Center Cambridge is a new spiritual community that emphasizes practical teachings and integrates wisdom across a range of spiritual traditions. All are welcome.

Unity Church of God

6 William St., Somerville, 3 blocks up College Ave. from Davis Sq., (617) 623-1212, www.unitychurchofgod.org
■ unday services: 11 a.m.
■ Monday: Prayer group at 7 p.m.
■ Tuesday: Support group at 7 p.m.
■ Alternate Fridays: Movie viewings at 7 p.m.

Vineyard Christian Fellowship of Cambridge holds service Sundays at 170 Rindge Ave. in North Cambridge, walking distance from Davis and Porter Squares. Service times are 9 a.m. — with corresponding kids church — and 11 a.m. shuttle service currently picks up students at 8:25 a.m. for the 9 a.m. service, and 10.25 a.m. for the 11 a.m. service, at Harvard Square (in front of the Holyoke Center, at 1250 Mass. Ave., next to the cab stand). Senior pastor, Dave Schmelzer. (617) 252-0005, www.cambridgevineyard.org.

WomenChurch, an imaginative community for women, meets the first Thursday of each month (during the fall and spring terms only) at 7 p.m. in Andover Chapel at HDS on Francis Ave. All women are welcome. E-mail mfurness@hds.harvard.edu for information.

United Ministry
The following churches and organizations are affiliated with the United Ministry and offer worship and social services. Call for details.

Anglican/Episcopal Chaplaincy at Harvard
2 Garden St. (617) 495-4340 episcopal_chaplaincy@harvard.edu
Eucharist Sundays at 5 p.m. at the Christ Church Chapel (behind the church at Zero Garden St.), followed by fellowship supper at 6 p.m. in the Chaplaincy Common Room. Episcopal Students at Harvard: www.hcs.harvard.edu/~esh/ for an updated list of student activities and events. A ministry of the Episcopal Diocese of Massachusetts and the worldwide Anglican Communion.

Christ the King Presbyterian Church
99 Prospect St.
Cambridge, Mass.
Sundays: Services in English at 10:30 a.m. and in Brazilian Portuguese at 6 p.m.
(617) 354-8341, office@ctkcambridge.org, www.ctkcambridge.org

Harvard Bahá'í Student Association
bahai@hcs.harvard.edu
All events are open to the public. Please write to bahai@hcs.harvard.edu for more information, or subscribe to our announcement list at <http://lists.hcs.harvard.edu/mailman/listinfo/bahai-list>.

Harvard Epworth United Methodist Church
1555 Massachusetts Ave.
Cambridge, Mass.
(617) 354-0837
www.harvard-epworth.org
■ Communion service: 9 a.m.
■ Christian education hour for all ages: 10 a.m.
■ Worship service: 11 a.m.

Harvard Hindu Fellowship Meditation Group is led by Swami Tyagananda, Harvard Hindu chaplain from the Ramakrishna Vedanta Society. Meets Mondays, 7-8 p.m., in the Mather House Tranquility Room.
Swami_tyagananda@harvard.edu.

Harvard Islamic Society
Harvard Islamic Society Office. (617) 496-8084
www.digitas.harvard.edu/~his
Five daily prayers held in the basement of Canaday E.
Friday prayers held in Lowell Lecture Hall at 1:15 p.m.

Harvard Korean Mission meets on Fridays for Bible Study Group at 7 p.m., and on Sundays for ecumenical worship at 2 p.m. in the Harvard Epworth United Methodist Church, 1555 Massachusetts Ave. (617) 441-5211, rkahng@hds.harvard.edu.

H-R Asian Baptist Student Koinonia
Friday Night Bible study: Boylston Hall 105, 7 p.m., every Friday. Join us as we continue our study of the Gospel of Matthew this year.
Frosh Mid-Week at Loker 031, 7:30-8:30 p.m., every Wednesday, Freshmen only.
iskandar@fas.harvard.edu, www.hcs.harvard.edu/~absk.

H-R Catholic Student Center
Saint Paul Church, 29 Mt. Auburn St.

Student Mass: Sun., 5 p.m., Lower Church.

Harvard Hillel
52 Mt. Auburn St. (617) 495-4696
www.hillel.harvard.edu
■ Reform Minyan: Fri., 5:30 p.m.
■ Orthodox Minyan: daily, 7:30 a.m. and 15 minutes before sundown; Sat., 9 a.m. and 1 hour before sundown
■ Conservative Minyan: Mon. and Thu., 8:45 a.m.; Fri., 5:45 p.m.; Sat., 9:30 a.m., 1:45 p.m., and 45 minutes after sundown.
■ Worship and Study Minyan (Conservative): Sat., 9:30 a.m.

H-R Humanist Chaplaincy
A diverse, inclusive, inspiring community of Humanists, atheists, agnostics, and the non-religious at Harvard and beyond. For up-to-the-minute updates, join Chaplain Greg Epstein on Facebook, www.facebook.com. Join us: www.harvardhumanist.org for e-newsletter, event details, and more. Humanist Graduate Student Pub Nights: Queen's Head Pub, Memorial Hall, every other Thursday. "Humanist Small Group" Sunday Brunch: every other Sunday. For Harvard students, faculty, alumni, and staff.

Cambridge Friends Meeting meets for worship Sundays at 10:30 a.m. and 5 p.m., Wednesdays at 8:30 a.m., 5 Longfellow Park, off Brattle St. (617) 876-6883.

Cambridgeport Baptist Church (corner of Magazine St. and Putnam Ave., 10-minute walk from Central Square T stop) Sunday morning worship service at 10 a.m. Home fellowships meet throughout the week. (617) 576-6779, www.cambridgeportbaptist.org.

First Church in Cambridge (United Church of Christ) holds a traditional worship service Sundays at 11 a.m. and an alternative jazz service Sunday afternoons at 5:30 p.m. Located at 11 Garden St. (617) 547-2724.

Lutheran — University Lutheran Church, 66 Winthrop St., at the corner of Dunster and Winthrop streets, holds Sunday worship at 10 a.m. through Labor Day weekend and 9 and 11 a.m. Sept. 10-May, with child care provided. UniLu Shelter: (617) 547-2841. Church and Student Center: (617) 876-3256, www.unilu.org.

Old Cambridge Baptist Church, 1151 Mass. Ave. and 400 Harvard St. (behind the Barker Center and the Inn at Harvard), holds Sunday morning worship at 10:30 a.m. Please join this inclusive, progressive congregation in the American Baptist tradition. www.oldcambridgebaptist.org, (617) 864-8068.

Swedenborg Chapel: Church of the New Jerusalem
(617) 864-4552, <http://swedenborgchapel.org/>
Located at the corner of Quincy St. and Kirkland St.
■ Bible Study, Sundays at 10 a.m.
■ Services, Sundays at 11 a.m.
■ Community Dinner, Thursdays at 6 p.m.
■ Swedenborg Reading Group, Thursdays at 7 p.m.

Cambridgeport Baptist Church, (617) 576-6779
Christ Church, (617) 876-0200
Episcopal Chaplaincy, (617) 495-4340
First Parish in Cambridge, Unitarian Universalist, (617) 495-2727
Harvard Epworth United Methodist Church, (617) 354-0837
Old Cambridge Baptist Church, (617) 864-8068
St. Paul Church, (617) 491-8400
Swedenborg Chapel, (617) 864-4552
The Memorial Church, (617) 495-5508

support/social

Support and Social groups are listed as space permits.
The **Berkman Center for Internet and Society Thursday Meetings @ Berman**, a group of blogging enthusiasts and people interested in Internet technology, meets at the Berkman Center on the second floor of 23 Everett St., Cambridge, on Thursday evenings at 7 p.m. People of all experience levels and



Stephanie Mitchell/Harvard News Office

Through April 12

‘Agnès Varda: Les Veuves de Noirmoutier (The Widows of Noirmoutier)’ is on view at the Carpenter

Center through April 12. See exhibitions, page 17.

ABOVE: Photographer,

filmmaker, and installation artist Agnès Varda views her work in the Sert Gallery.

those who would like to learn more about weblogs, XML feeds, aggregators, wikis, and related technology and their impact on society are welcome. <http://blogs.law.harvard.edu/thursdaymeetings/>.

The **COACH Program** seeks Harvard college and graduate students to serve as “college coaches” in the Boston Public Schools to assist young people in applying to college and developing plans for after high school. COACH is looking for applicants interested in spending about three hours per week working with high school juniors and seniors in West Roxbury. Interested students should call (917) 257-6876 or e-mail asamuels@law.harvard.edu.

Harvard's EAP (Employee Assistance Program) provides free, confidential assessment and referral services and short-term counseling to help you work through life's challenges. Harvard faculty, staff, retirees, and their household members can access the following services throughout the U.S. and Canada 24 hours a day, 7 days a week: confidential assessment, information, referral; consultation to supervisors around employee well-being, behavior, or performance; individual and group support around a workplace crisis, serious illness, or death; and on-site seminars. In addition, Harvard's EAP can help with workplace conflicts, personal and family relationships, eldercare planning, legal consultations, financial counseling and planning, sexual harassment, workplace and domestic violence, alcohol and drug use, and more. To schedule an appointment near your office or home, call the EAP's toll-free number at **1-EAP-HARV (1-877-327-4278)**. Counselors are available to answer your calls from 8:30 a.m. to 7 p.m. Monday through Thursday, and from 8:30 a.m. to 5 p.m. on Friday; urgent calls will be answered by crisis clinicians round the clock. You may also visit www.wellnessworklife.com for further information and access to other resources available to you as a Harvard employee (there is a one-time confidential registration process; please visit www.harvie.harvard.edu for login instructions).

Harvard Lesbian/Bisexual/Transgender/Queer Women's Lunch is a chance for lesbian/bi/trans/queer women staff and faculty at Harvard to meet informally for lunch and conversation. Meetings take place 12:30-1:30 p.m. in the graduate student lounge on the 2nd floor of Dudley House. You can bring lunch or buy at Dudley House. E-mail jean_gauthier@harvard.edu, dmorley@fas.harvard.edu, or [der@harvard.edu for more information.](mailto:linda_schnei-</p>
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■ **Next meeting: Tue., April 7**

Harvard Lesbian, Gay, Bisexual & Transgender Faculty & Staff Group. (617) 495-8476, ochs@fas.harvard.edu, www.hglc.org/resources/faculty-staff.html.

Harvard Student Resources, a division of Harvard Student Agencies, employs a work force of more than 300 students to provide temporary clerical work, housecleaning, tutoring, research, moving, and other help at reasonable rates. **HSA Cleaners**, the student-run dry cleaning division of Harvard Student Agencies, offers 15 percent off cleaning and alterations for Harvard employees. (617) 495-3033, www.hsa.net.

Harvard Student Spouses and Partners Association (HSSPA) Spouses Support Group is a social group where you can meet other spouses who might help you to get used to your new situation as a spouse or partner at Harvard University. Our support group meets weekly all year long. Please e-mail spousesupport@gmail.com for location and time of meetings and check www.hsspa.harvard.edu for events.

Harvard Toastmasters Club helps you improve your public speaking skills in a relaxed environment. For Harvard students from all Schools and programs. Meetings are Wednesdays, 6:45-7:45 p.m., in room 332, Littauer Building, HKS. jkhartshorne@gmail.com.

The Harvard Trademark Program has redesigned its Web site to better meet the needs of the public and members of the Harvard community who are seeking information about the Harvard Trademark Program's licensing activities and trademark protection efforts as well as information regarding the various policies governing the proper use of Harvard's name and insignias. trademark_program@harvard.edu, www.trademark.harvard.edu.

Harvard Veterans Alumni Organization is open to all members of the Harvard University community who are, or have served, in the U.S. military. Visit www.harvardveterans.org for information and to participate.

LifeRaft is an ongoing drop-in support group where people can talk about their own or others' life-threatening illness, or about their grief and bereavement. Life Raft is open to anyone connected with the Harvard Community: students, faculty, staff, retirees, and families. Life Raft

is free and confidential and meets on Wednesdays, noon-2 p.m. in the Board of Ministry Conference Room on the ground floor of the Memorial Church. Come for 10 minutes or 2 hours. (617) 495-2048, lgilmore@uhs.harvard.edu.

Office of Work/Life Resources offers a variety of programs and classes. (617) 495-4100, worklife@harvard.edu, <http://harvie.harvard.edu/workandlife>. See classes for related programs.

■ **Parent-to-Parent Adoption Network at Harvard.** If you would like to volunteer as a resource, or if you would like to speak to an adoptive parent to gather information, call (617) 495-4100. All inquiries are confidential.

On Harvard Time is Harvard's new, weekly 7-minute news show that will cover current news from a Harvard perspective. Online at www.hrtv.org, 7 p.m. onharvardtime@gmail.com.

Recycling Information Hotline: The Facilities Maintenance Department (FMD) has activated a phone line to provide recycling information to University members. (617) 495-3042.

Smart Recovery is a discussion group for people with problems with addiction. Programs are offered at Mt. Auburn Hospital, Massachusetts General Hospital, McLean Hospital, and other locations. (781) 891-7574.

Tobacco Cessation Classes are offered weekly at the Dana-Farber Cancer Institute, dates and times may vary. Fee: \$10 per class, and nicotine patches are available at a discounted rate. (617) 632-2099.

The University Ombudsman Office is an independent resource for problem resolution. An ombudsman is *confidential*, *independent*, and *neutral*. The ombudsman can provide confidential and informal assistance to faculty, fellows, staff, students, and retirees to resolve concerns related to their workplace and learning environments. A visitor can discuss issues and concerns with the ombudsman without committing to further disclosure or any formal resolution. Typical issues include disrespectful or inappropriate behavior, faculty/student relations, misuse of power or unfair treatment, authorship or credit dispute, sexual harassment or discrimination, stressful work conditions, career advancement, overwork, disability, or illness. The office is located in Holyoke Center, Suite 748. (617) 495-7748, www.universityombudsman.harvard.edu.

Opportunities



Job listings posted as of April 2, 2009

Harvard is not a single place, but a large and varied community. It is comprised of many different schools, departments and offices, each with its own mission, character and environment. Harvard is also an employer of varied locations.

Harvard is strongly committed to its policy of equal opportunity and affirmative action. Employment and advancement are based on merit and ability without regard to race, color, creed, sex, sexual orientation, disability, national origin or status as a disabled or Vietnam-era veteran.

How to Apply:

To apply for an advertised position and/or for more information on these and other listings, please visit our Web site at <http://www.employment.harvard.edu> to upload your resume and cover letter.

Explanation of Job Grades:

Most positions at Harvard are assigned to a job grade (listed below with each posting) based on a number of factors including the position's duties and responsibilities as well as required skills and knowledge.

The salary ranges for each job grade are available at <http://www.employment.harvard.edu>. Target hiring rates will fall within these ranges. These salary ranges are for full-time positions and are adjusted for part-time positions. Services & Trades positions are not assigned grade levels. The relevant union contract determines salary levels for these positions.

Other Opportunities:

All non-faculty job openings currently available at the University are listed on the Web at <http://www.employment.harvard.edu>.

harvard.edu. There are also job postings available for viewing in the Longwood Medical area, 25 Shattuck St., Gordon Hall Building. For more information, please call 432-2035.

This is only a partial listing. For a complete listing of jobs, go to <http://www.employment.harvard.edu>.

In addition, Spherion Services, Inc., provides temporary secretarial and clerical staffing services to the University. If you are interested in temporary work at Harvard (full- or part-time), call Spherion at (617) 495-1500 or (617) 432-6200

(Longwood area).

Additional Career Support:

A Web page on career issues, including links to career assessment, exploration, resources, and job listings, is available for staff at <http://www.harvie.harvard.edu/learning/careerdevelopment/index.shtml>

Job Search Info Sessions:

Harvard University offers a series of information sessions on various job search topics such as interviewing, how to target the right positions, and navigating the Harvard hiring process. All are

welcome to attend. The sessions are typically held on the first Wednesday of each month from 5:30 to 7:00 at the Harvard Events and Information Center in Holyoke Center at 1350 Massachusetts Avenue in Harvard Square. More information is available online at <http://employment.harvard.edu/careers/findingajob/>.

Please Note:

The letters "SIC" at the end of a job listing indicate that there is a strong internal candidate (a current Harvard staff member) in consideration for this position.

Academic

Research Associate Req. 36268, Gr. 000
Harvard School of Public Health/Immunology and Infectious Diseases
(3/5/2009)
Research Associate/Scientist Req. 36249, Gr. 000
Harvard School of Public Health/CBAR
(2/26/2009)
Research Fellow Req. 36269, Gr. 000
Harvard School of Public Health/Epidemiology
(3/5/2009)
Research Fellow (Postdoctoral) Req. 36426, Gr. 000
Harvard School of Public Health/Biostatistics
(4/2/2009)

Alumni Affairs and Development

Assistant Director of Annual Giving Req. 36203, Gr. 056
Harvard Medical School/Office of Resource Development
(2/12/2009)

Arts

Assistant Technical Director (Mechanical) Req. 36316, Gr. 055
American Repertory Theatre/A.R.T. Scene Shop
(3/12/2009)

Athletics

Assistant Coach of Women's Volleyball Req. 36418, Gr. 055
Faculty of Arts and Sciences/Athletics
(4/2/2009)

Communications

Research Administrator/Science Editor Req. 36291, Gr. 056
Faculty of Arts and Sciences/Molecular & Cellular Biology
(3/5/2009)
Digital Learning Editor Req. 36317, Gr. 056
Faculty of Arts and Sciences/Museum of Comp. Zoology
(3/12/2009)
Associate Director of Communications Req. 36429, Gr. 058
Harvard Business School/Marketing and Communication
(4/2/2009)
Editor III (Senior Editorial Associate) Req. 36388, Gr. 057
Harvard School of Public Health/Health Policy & Management
(3/26/2009)

Dining & Hospitality Services

Pantry Steward/General Service Req. 36217, Gr. 017
Dining Services/Leverett Dining Halls
(2/19/2009)
General Service - Kitchenperson/Potwasher Req. 36263, Gr. 010
Dining Services/Quincy
(2/26/2009)
General Service - Checker Req. 36264, Gr. 010
Dining Services/Quincy
(2/26/2009)
Kitchen Utility Worker Req. 36315, Gr. 030
Dining Services/Greenhouse
(3/12/2009)

Facilities

HVAC Mechanic (Chiller Operator) Req. 36389, Gr. 029
University Operations Services/Engineering & Utilities
(3/26/2009)
Area Manager in the Houses Req. 36376, Gr. 057
Faculty of Arts and Sciences/FAS Physical Resources & Planning

(3/26/2009)
Custodian A Req. 36409, Gr. 003
Harvard Medical School/Custodial Services
(3/26/2009)
Custodian B Req. 36345, Gr. 001
Harvard Medical School/Custodial Services
(3/19/2009)
Auxiliary Operating Engineer Req. 36410, Gr. 029
University Operations Services/Engineering & Utilities
(4/2/2009)

Faculty & Student Services

Program Manager Req. 36393, Gr. 057
Harvard Law School/Law School
(3/26/2009)
Program & Development Officer Req. 36425, Gr. 056
LASPAU/LASPAU
(4/2/2009)
Special Students and Visiting Fellows Officer Req. 36206, Gr. 055
Faculty of Arts and Sciences/Graduate School of Arts and Sciences
(2/12/2009)

Finance

Senior Sponsored Research Administrator Req. 36430, Gr. 056
Harvard School of Public Health/Sponsored Programs Administration
(4/2/2009)
Sponsored Research Administrator Req. 36308, Gr. 056
Faculty of Arts and Sciences/Stem Cell & Regenerative Biology
(3/12/2009)
Information Security Project Manager and Analyst Req. 36422, Gr. 057
Faculty of Arts and Sciences/FAS Office of Finance
(4/2/2009)
Director of Financial Planning and Analysis Req. 36239, Gr. 060
Harvard Business School/Financial Office
(2/26/2009)
Assistant Director of Sponsored Programs Req. 36424, Gr. 058
Harvard School of Public Health/Sponsored Programs Administration
(4/2/2009)
Assistant Finance Manager Req. 36254, Gr. 057
Harvard Medical School/Systems Biology
(2/26/2009)
Grants and Contracts Specialist Req. 36339, Gr. 056
School of Engineering & Applied Sciences/School of Engineering and Applied Sciences
(3/19/2009)

General Administration

Assistant Dean for Diversity/Director, Program to Eliminate Health Disparities Req. 36420, Gr. 061
Harvard School of Public Health/Academic Affairs
(4/2/2009)
Program Director Req. 36248, Gr. 059
Faculty of Arts and Sciences/EdLabs
(2/26/2009)
Program Manager Req. 36293, Gr. 056
University Administration/Harvard Initiative for Global Health
(3/5/2009)
Compliance Instructional Designer Req. 36361, Gr. 057
Harvard School of Public Health/Office of Financial Services
(3/19/2009)
Director, First Year Legal Research and Writing Program Req. 36371, Gr. 060
Harvard Law School/First Year Legal Research and Writing Program
(3/26/2009)
Senior Associate Director of Technology Transactions

Req. 36326, Gr. 060
University Administration/Office of Technology Development
(3/12/2009)
Research Director Req. 36247, Gr. 060
Faculty of Arts and Sciences/EdLabs
(2/26/2009)
Administrative Director Req. 36273, Gr. 059
Harvard School of Public Health/Dean's Office Special Project II: PEPFAR
(3/5/2009)
Associate Research Director for Financial Design Req. 36320, Gr. 058
Faculty of Arts and Sciences/ideas42
(3/12/2009)
Assistant Provost for Research Policy Req. 36331, Gr. 059
University Administration/Office for Research and Compliance
(3/12/2009)
Assistant Director, Surveys & Analysis Req. 36392, Gr. 057
Graduate School of Education/COACHE
(3/26/2009)

Health Care

Nurse Practitioner Req. 36280, Gr. 058
University Health Services/Stillman/After Hours Urgent Care
(3/5/2009)

Information Technology

Systems Administrator for Neuroimaging Req. 36328, Gr. 057
Faculty of Arts and Sciences/FAS IT
(3/12/2009)
Scientific Data Curator Req. 36367, Gr. 056
Harvard School of Public Health/Biostatistics
(3/26/2009)
CTSC Software Engineer, Web Tools and Content Req. 36296, Gr. 057
Harvard Medical School/CBMI/Countway
(3/5/2009)
Director of Information Systems for Harvard College Financial Aid Req. 36364, Gr. 059
Faculty of Arts and Sciences/Harvard College Financial Aid
(3/19/2009)
Research Computing Associate for Informatics Req. 36423, Gr. 058
Faculty of Arts and Sciences/FAS IT
(4/2/2009)
Scientific Systems Administrator Req. 36366, Gr. 057
Harvard School of Public Health/Biostatistics
(3/26/2009)
Vignette Software Architect Req. 36427, Gr. 059
Harvard Business School/KLS
(4/2/2009)
Research Systems Administrator (II) Req. 36342, Gr. 057
Harvard Medical School/BCMP
(3/19/2009)
Associate Director of Technical Operations Req. 36374, Gr. 059
Faculty of Arts and Sciences/FAS IT
(3/26/2009)
Senior Project Manager Req. 36236, Gr. 059
Faculty of Arts and Sciences/FAS IT
(2/26/2009)
Technical Support Engineer Req. 36407, Gr. 056
Faculty of Arts and Sciences/FAS IT
(3/26/2009)

Research

Research Assistant II - Non Lab (Research Specialist) Req. 36228, Gr. 053
Harvard School of Public Health/Nutrition Union: HUCTW, FT (2/19/2009)
Research Analyst Req. 36309, Gr. 056
Harvard School of Public Health/Center for Biostatistics in AIDS Research

(3/12/2009)
Clinical Project Director Req. 36357, Gr. 057
Harvard Medical School/Psychiatry
(3/19/2009)
Research Developer and Analyst Req. 36223, Gr. 056
Faculty of Arts and Sciences/EdLabs
(2/19/2009)
Scientific Programmer Req. 36383, Gr. 057
Harvard School of Public Health/Epidemiology: Program in Molecular and Genetic Epidemiology (PMAGE)
(3/26/2009)
Research Analyst Req. 36310, Gr. 056
Harvard School of Public Health/Center for Biostatistics in AIDS Research
(3/12/2009)
Scientific Programmer Req. 36334, Gr. 057
Harvard School of Public Health/Epidemiology
(3/19/2009)
Research Associate Req. 36386, Gr. 056
Harvard Business School/Division of Research & Faculty Development
(3/26/2009)
Research Associate Req. 36260, Gr. 055
Harvard Business School/Division of Research & Faculty Development
(2/26/2009)
Project Associate Req. 36354, Gr. 090
Faculty of Arts and Sciences/Institute for Quantitative Social Science
(3/19/2009)
Statistical Programmer/Data Analyst Req. 36370, Gr. 057
Harvard Medical School/Health Care Policy
(3/26/2009)
Head of Magnetic Resonance Physics Req. 36413, Gr. 059
Faculty of Arts and Sciences/Center for Brain Science
(4/2/2009)
Project Associate Req. 36353, Gr. 090
Faculty of Arts and Sciences/IQSS ideas42
(3/19/2009)

Technical

Manager of X-Ray Crystallography Req. 36323, Gr. 059
Faculty of Arts and Sciences/Chemistry & Chemical Biology
(3/12/2009)
Staff Engineer - Mechanical Req. 36385, Gr. 058
School of Engineering & Applied Sciences/Wyss Institute
(3/26/2009)

Special Listings

Preceptor in Music
The Department of Music anticipates an opening at the rank of Preceptor to begin with the academic year 2009-2010. The position is renewable on a yearly basis for up to a total of eight years, based on performance, enrollments, and curricular need. Responsibilities will include departmental teaching of four courses per year at various levels in music theory and musicianship. We would welcome applications reflecting the broadest range of interests and specializations in music. A strong doctoral record is preferred. Applicants should include a letter of application, curriculum vitae, detailed teaching dossier and a work sample (articles or compositions). Three letters of recommendation should be sent under separate cover. All materials should be sent to: Professor Alexander Rehding, Chair, Search Committee, Department of Music, Harvard University, Cambridge, MA 02138. The deadline for receipt of applications is April 6, 2009. Applications from women and minorities are strongly encouraged. Harvard University is an Equal Opportunity/Affirmative Action employer.

Interim Program Advisor, Grade 55 (Temp)
From March 30 to July 17, 2009
LASPAU, 25 Mt. Auburn St.
Web address (for complete job listing): <http://www.laspau.harvard.edu/employ.htm>
Contact: Jocelyn Sierra, HR Administrator, jocelyn_sierra@harvard.edu

IN BRIEF

Joint Center accepting research and design prize applications

The Joint Center for Housing Studies (JCHS) is accepting applications for the Outstanding Student Research and Design Prize through May 1. The annual prize is offered for the best graduate-level research or design projects on housing that advance the field of housing studies as an academic endeavor. To be considered for either award the projects must be nominated by a faculty member familiar with the work.

For more information about the prize, visit www.jchs.harvard.edu/education/graduate_research_opportunities2009.pdf.

Beth Israel Deaconess Medical Center among top 100 hospitals

Beth Israel Deaconess Medical Center (BIDMC), an affiliate of Harvard Medical School, has been named one of the top 100 hospitals in the United States. The award is based in overall organizational performance, according to the annual study released Monday (March 30) by the health care business of Thomson Reuters. BIDMC was the only Massachusetts hospital named in the survey.

The study is based on the 100 Top Hospitals National Balanced Scorecard that evaluates performance in nine areas: mortality, medical complications, patient safety, average length of stay, expenses, profitability, cash-to-debt ratio, patient satisfaction, and adherence to clinical standards of care. The study has been conducted annually since 1993.

"We are pleased to again be among the 15 major teaching hospitals nationally to be recognized by this hospital rating methodology, which utilizes multiple metrics of hospital performance," said Kenneth Sands, BIDMC's senior vice president of health care quality and assistant professor of medicine. "It validates the commitment we have made to safe, high-quality care."

For more information on BIDMC, visit www.bidmc.harvard.edu.

Come to PBHA's Summer Urban Program auction

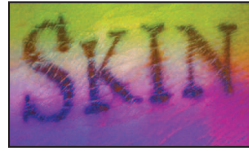
The Phillips Brooks House Association (PBHA) will host its sixth annual auction for the Summer Urban Program at the Cambridge Queen's Head Pub (45 Quincy Street) on April 28 from 5:30 to 8:30 p.m. The event will support PBHA's 12 summer camps, which serve more than 900 children and youth in Boston and Cambridge. The silent auction will be held from 5:30 to 7:30 p.m. and will feature over 80 items, hors d'oeuvres, two complimentary drinks, and live jazz. The live auction of 10 items will begin at 7:30 p.m.

The welcome will be given by Harvard College Dean Evelyn Hammonds, and the evening's auctioneer will be singer/songwriter Livingston Taylor. Also in attendance will be event honorees Boston Councilor Sam Yoon and Cambridge Assistant City Manager Ellen Semonoff.

Tickets are available at the Harvard Box Office. Admission at the door is \$40; advance tickets are \$30. Additional information can be found at www.pbha.org/auction.

— Compiled by Gervis A. Menzies Jr. and Sarah Sweeney

Send news briefs to gervis_menzies@harvard.edu



Skin biology illuminates how stem cells operate

Adult skin stem cells have treated burn victims for decades

By Corydon Ireland
Harvard News Office

As a girl, Elaine Fuchs borrowed her mother's old strainers and mixing bowls to collect polliwogs, an activity she credits for her present-day career as a biologist.

It also helped that her father was a geochemist who studied meteorites, her aunt



Photos Kris Snibbe/Harvard News Office

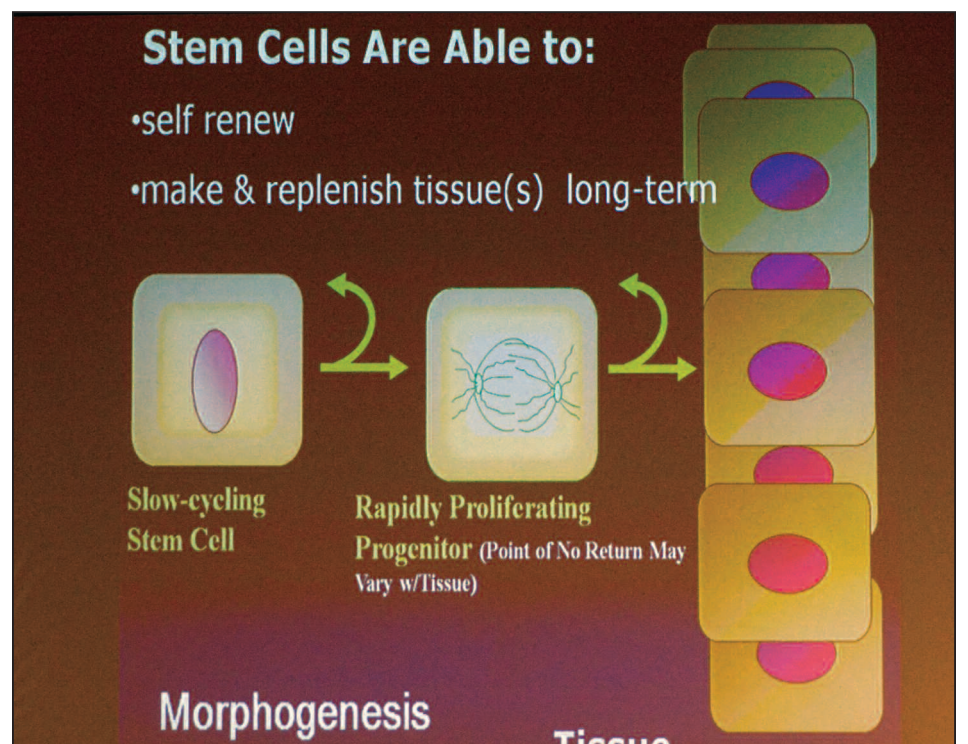
The research Elaine Fuchs (above) oversees has already provided insight into genetic disorders, cancer, ulcers, and advanced burn therapy. But her lab in Manhattan has one main interest: morphogenesis, the biological process by which organisms grow.

a radiation expert, her older sister a neuroscientist.

Going on to study science "was almost a no-brainer," said Fuchs, who did her Ph.D. at Princeton University.

She's now a professor of cell biology at The Rockefeller University, in New York City, and was at Harvard March 19 to deliver a lecture on the human organ that has become her life's work: skin.

Her 50-minute talk, "Skin Stem Cells: Biology and Clinical Promise," was part of the Dean's Lecture Series in the sciences



sponsored by the Radcliffe Institute for Advanced Study.

Fuchs "recognized very early on that [skin] was a fantastic model system for studying some of the fundamental problems of biology," said Massachusetts Institute of Technology (MIT) biologist Susan Lindquist, Ph.D. '76, RI '08, who introduced Fuchs at the Radcliffe Gymnasium. "For one thing, it's accessible, and there's plenty of it."

Skin is thought to be the largest organ, covering about 18 square feet in the average adult. In every square inch of this protective covering there are a thousand nerve endings and 650 sweat glands.

There are also a multitude of hair follicles, the abundant clusters of cells that Fuchs and her investigative team at the Howard Hughes Medical Institute now closely study.

Fuchs is an expert in skin biology — in particular how skin and hair emerge from the same "progenitor" stem cell. That process, she said, is a way to illuminate how stem cells of all types operate.

Her laboratory team investigates how stem cells flower into other kinds of cells, and what happens when the process goes wrong.

The research Fuchs oversees has already provided insight into genetic disorders, cancer, ulcers, and advanced burn therapy. But her lab in Manhattan has one main interest: morphogenesis, the biological process by which organisms grow.

Starting as a postdoc at MIT, Fuchs studied how skin cells build a cytoskeleton, the structural support system that also acts as a conduit for information as the cell grows and divides.

That helped her define ways that skin cells go about changing into other types of cells, and what goes wrong when the cell makes a mistake.

Fuchs built the first mouse model to study human genetic diseases affecting the skin. She studied how cells divide and how they stop dividing — work that gave her insight into cancers of the skin and other organs, when cells multiply uncontrollably.

Her work on skin cell biology and development led Fuchs to advances in treating burns and wounds. It also led to insight into stem cells in general.

She described the skin as a kind of "Saran wrap seal" for the body, an elastic covering that shields muscles, blood ves-

sels, and internal organs. It's bristling with hair follicles, which push up shafts of dead cells that form into hair — an epidermal appendage that is protective, like feathers in birds or scales on fish.

Skin is also constantly renewing itself, said Fuchs. "Every four weeks you have a brand new surface of your body."

This constant renewal makes the skin one of the body's chief sources of stem cells, the starter cells that can be transformed into a multiplicity of tissues.

How and why these stem cells get activated in skin is what Fuchs and her team study.

This potential versatility, of course, is what makes stem cells an exciting prospect for future therapies that might replace damaged or missing organ or nerve tissue.

Both "adult" stem cells — those that have a specific function already — and "embryonic" stem cells (ES cells) are self-renewing. They can make and replenish tissues in the long term. But only ES cells, in theory, can generate all 220 cell types present in the human body.

Fuchs, who enlivened her talk with explanatory graphics and snippets of video, showed a clip of a once-paralyzed mouse moving about after its nerve cells had been regenerated through therapy with ES cells.

There are also possible clinical uses for adult skin stem cells, said Fuchs. The cells are already used for burn therapy — a 30-year success story, she said.

Such stem cells might one day be used to treat ulcers by replacing damaged tissue, though the environment of the digestive system is challenging. And there is hope that gene therapy related to stem cells might be used for some skin disorders.

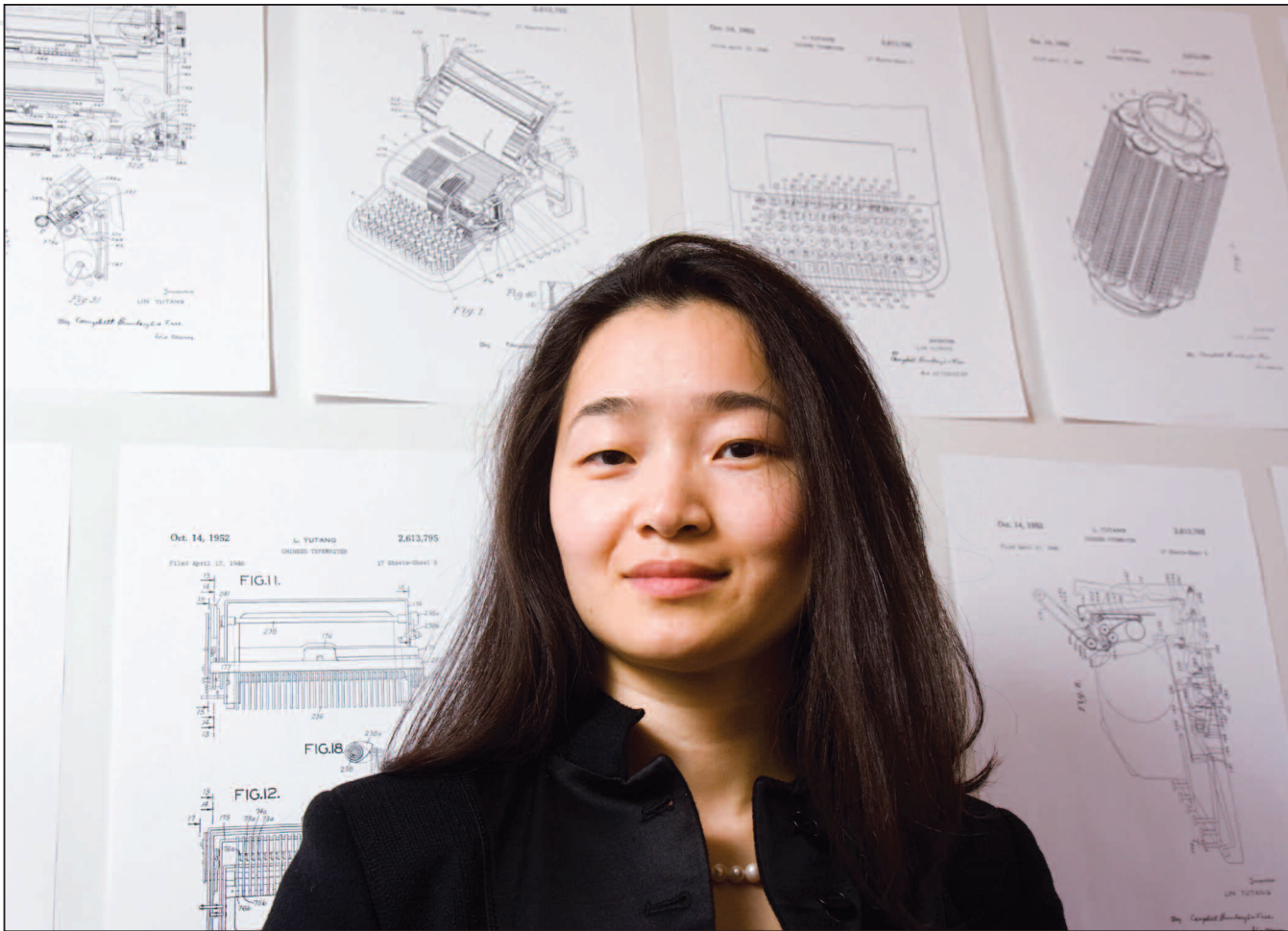
Beyond skin, skin stem cells might be used to prevent blindness by restoring tissue damaged by corneal degenerative diseases.

But Fuchs urged caution about stem cell therapies of any kind. "I don't want to give people too much optimism with regards to immediate clinical applications," she said.

More research and clinical work — "quite a few years," said Fuchs — has to be done in strict and careful scientific cultures like that of the United States.

Prospects for more and better stem cell research have improved with the appearance of a new presidential administration, she said. But until U.S. researchers regain their global footing on the issue of stem cells, they remain "a little voice," said Fuchs, "trying to stop the world."

Tsu



Photos Jon Chase/Harvard News Office

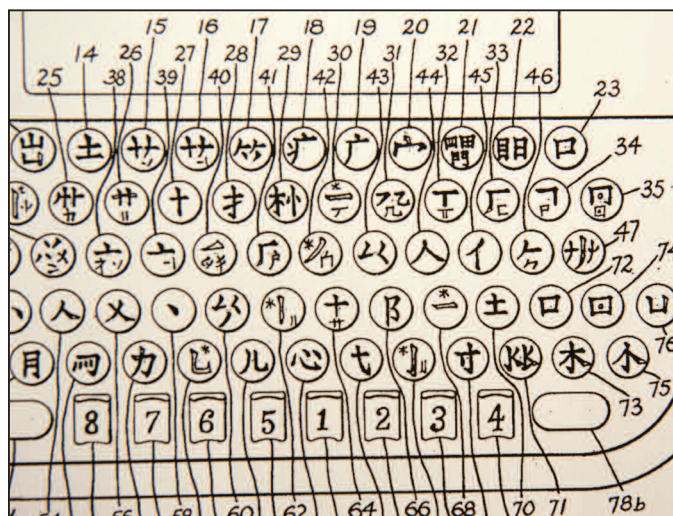
Literary scholar, cultural historian, and Radcliffe Fellow Jing Tsu has studied and written extensively on a century's transformation of the sound and script of Chinese. One focus of her work is the writer Lin Yutang's Chinese-language typewriter (detail of drawing of keyboard below), an invention that almost bankrupted the Nobel nominee.

(Continued from page 13)

"Bend the Mother Tongue: Sinophone Literature," and recently (March 18) shared some of her work in progress with an audience of 50 at the Radcliffe Gymnasium.

In part, the book is an exploration of how the past 100 years have seen the transformation of the sound and script of Chinese. The language of ancient ideographs flowered outward in a diaspora of literary production beyond China – in Southeast Asia, North America, and Europe. (Lin himself embodied that diaspora: China-born, Europe-educated, and America-bound.)

In the same period of time, Chinese changed from a closed system of formal writing to a standardized language based on what was once its northern vernacular.



During the 1920s, Lin was part of a wave of literary and linguistic reforms inaugurated by the May Fourth Movement. He was among linguists who by 1926 had devised *Gwoyeu Romatzyh*. That scheme for writing Mandarin in the Latin alphabet was officially adopted by China in 1928. (The current Romanization standard is called *pinyin*.)

Around the same time, Lin started tinkering with the idea of his typewriter, seeing it as a way to mesh Chinese script reform with Western technology. His ideographic writing machine, said Tsu, eventually drew engineers from England and Italy and experts in casting custom type from New

York's Chinatown.

Telling the story of Lin's "scribal machine" today, she said, is a way of uncovering a little-known history of how the Chinese language was systematized into a form of "national writing" that was then disseminated by technology.

The story also captures a turning point where the ideographic script was formally revised in light of alphabetic writing. That in turn led to further developments in machine-assisted translation in the United States during the Cold War.

Lin's typewriter also adds an important twist to "a renewed fascination with the Chinese language in the West," said Tsu.

While Lin was working on his typewriter design, Chinese still suffered from a global perception that the ideograph – a stroke-based rendering of a tonally complex language – was deficient compared with the simplicity of Western alphabet letters.

By 1930, Cambridge University linguists had developed BASIC (British American Scientific International Commercial) English, an intentional universal language based on 850 simple root words in English.

It was an attractive idea, said Tsu – in part because even though the average Englishman had a vocabulary of 10,000 words, only 1,000 were used 90 percent of the time.

But BASIC had grammatical constraints that, among other things, made metaphor unlikely. It was adequate to convey meaning, Tsu pointed out, but "doesn't make your heart grow wings."

She offered an example: In BASIC, a woman's breast – a notion of universal erotic import – becomes the merely functional "milk vessel."

Lin was a critic of BASIC for similar reasons. The word "onion," he wrote in one essay, becomes "white root that makes eyes full of water," while a scrambled egg is rendered as "egg in bad shape."

Lin and other critics were troubled by BASIC for a graver reason too, claiming that it was a linguistic remnant of imperialism. (Lin favored pidgin English as an alternate universal tongue, calling it "a glorious language" with proven popularity worldwide.)

For all its flaws, BASIC was essentially a Western argument that the alphabet was superior to the ideograph. It challenged the "translatability" of

Chinese in an age when different languages were competing to be the world's universal language.

Lin's machine changed that balance of power, and reduced what Tsu called the "alphabetic myth" by a clever parsing system that broke ideographs into smaller top and bottom units.

Lin took the distinctive five strokes of the Chinese ideograph and indexed them as separate radicals. Of the typewriter's 72 keys, 36 represented the upper left of the characters and 28 the lower left.

When the operator pressed two keys at the same time, eight possible stroke combinations appeared in what Lin called "a magic window." One of them was the complete character desired – chosen by pressing one of the eight remaining keys.

This clever parsing system broke ideographs into smaller units, mechanized the ideograph, said Tsu, and made Chinese a competitor in the 20th century's struggle for a dominant world language.

In a way, "Bend the Mother Tongue" is a continuation of Tsu's first book, "Failure, Nationalism, and Literature: The Making of Modern Chinese Identity, 1895 to 1937" (Stanford University Press, 2005).

That book is a contrarian exploration of how China built its national identity by embracing the idea of deficiency and failure, as a clever cultural response to military humiliations and the idea of a "yellow peril."

Establishing a standard mother tongue raised similar emotional issues for China, as regional vernaculars warred within its borders for linguistic dominance.

But the outcome was sunnier, said Tsu: Chinese emerged onto a global stage as a legitimate competitor in what is still a world struggle for a universal language.

The desire for universality doesn't end with language, Tsu said later. Take, for instance, China's recent proposal (March 23) that the world adopt a super-sovereign reserve currency unconnected to a single nation-state.

"That prompts us to think about how global languages circulate much like currency does," she said.

"It's all about the power of access," Tsu said, "which an exclusive look at literary language doesn't always tell us."